



Professor Dr. Ali Asghar Maassoumi

1948-2026

PROFESSOR DR. ALI ASGHAR MAASSOUMI: BIOGRAPHY AND SCIENTIFIC CONTRIBUTIONS

Ziba Jamzad ¹ & Mohammad Mahmoodi ¹

¹Research Institute of Forests & Rangelands, Agricultural Research, Education and Extension Organization (AREEO), Tehran, Iran

Professor Dr. Maassoumi, a distinguished Iranian botanist and member of the editorial board of the Iranian Journal of Botany, passed away on 4 May 2026. He was widely recognized as one of Iran's most prominent plant taxonomists, whose lifelong dedication, tireless research, and profound passion for botanical science significantly advanced the understanding of the flora of Iran and neighboring regions. Through decades of continuous field and herbarium research, he made substantial contributions to plant taxonomy and systematics, opening new avenues for the study of Iranian biodiversity and enriching global botanical knowledge.

Early Life and Education

Ali Asghar Maassoumi was born on 24 September 1948 in Ramsar, Mazandaran Province, northern Iran. He completed his primary and secondary education in Ramsar before enrolling at the University of Tehran, where he obtained a Bachelor of Science degree in Biology in 1971. He subsequently pursued postgraduate studies in France at the *Institut Botanique*, Université de Strasbourg (Schiltigheim, Alsace). He earned a Master of Science degree (MSc) in 1978 and completed his Doctor of Philosophy (Ph.D.) in Botany in 1980.

Professional Career

Ali Asghar Maassoumi began his scientific career in 1975 at the Botanical Institute of Iran. Following the completion of his postgraduate studies, he joined the Research Institute of Forests and Rangelands (RIFR), where he served as a scientist from 1980 until his retirement in 2017.

During his work at the Research Institute of Forests and Rangelands, he held several important administrative and scientific positions, including:

- **1989–1992:** Director, Research Institute of Forests and Rangelands of Iran
- **1997–2003:** Head, Botany Research Division, Research Institute of Forests and Rangelands of Iran
- **2008–2014:** Head, Botany Research Division, Research Institute of Forests and Rangelands of Iran

In addition to these positions, he served in numerous scientific and advisory capacities, including:

- Member of the Higher Council of Agriculture and Natural Resources
- Member of the editorial boards of five Iranian scientific journals
- Co-editor of *Flora of Iran*
- Member of evaluation committees in natural resources research
- Member of the Biology Society of Iran

Contributions to Plant Taxonomy and Floristics

As a plant taxonomist, **Professor** Maassoumi made exceptional contributions to documenting and understanding the genus *Astragalus* and conducted numerous botanical expeditions throughout the country, collecting plant specimens from diverse ecological regions. His research focused particularly on the genus *Astragalus* L., the largest genus in the Iranian flora, while also encompassing many other taxa across different plant families.

Approximately 4,000 herbarium specimens collected by Dr. Maassoumi are preserved in the Herbarium of the Research Institute of Forests and Rangelands of Iran (TARI). His extensive field experience, combined with meticulous herbarium investigations, resulted in major advances in the taxonomy of the *Astragalus* and related genera within the family Fabaceae, as well as in several other plant families. His work led to the description of numerous new taxa, the establishment of new nomenclatural combinations, and synonymies.

A further notable achievement was the establishment of the lichen herbarium at TARI, a collection with 20000 lichen specimens, about 12000 of which were labeled with his name as collector. He also initiated the formation of a research group dedicated to studying Iranian lichens, thereby laying the foundation for subsequent lichenological research in the country. The herbarium has since developed into an important repository of lichen specimens and a valuable resource for future investigations.

Legacy

Professor Dr. Maassoumi's scientific achievements, leadership, and dedication to botanical research have left an enduring legacy in Iranian botany. His contributions to plant taxonomy, floristics, herbarium development, and scientific education continue to serve as a foundation for future generations of botanists and biodiversity researchers. His name will remain closely associated with the advancement of botanical knowledge and the genus *Astragalus* in Iran and the broader scientific community.



Fieldwork activities of the late Professor Ali Asghar Maassoumi during taxonomic studies of the genus *Astragalus* L. in Iran: **A**, Collecting *Astragalus marivanensis* Podlech & Maassoumi in Marivan, Kurdistan Province, western Iran, 5 July 2012; **B**, Photographing *Astragalus uraniolimneus* Boiss. near Kuh Kamar, Zonuz, East Azerbaijan Province, northwestern Iran, 1 July 2012. Photos by Ali Bagheri.

New taxa described by Maassoumi and colleagues (extracted from IPNI website).

- Astragalus abadehensis* Maassoumi & Podlech, Gen. *Astragalus* Iran 5: 394 (2005).
Astragalus abharensis Maassoumi & Podlech, Feddes Repert. 114(5-6): 322 (2003).
Astragalus absentivus Maassoumi, Iran. J. Bot. 4(1): 128 (1988).
Astragalus aharicus Maassoumi & Podlech, Iran. J. Bot. 3(2): 96 (1987).
Astragalus ahmad-parsae Maassoumi, Iran. J. Bot. 7(2): 222 (1998), as 'ahmad-parsai'.
Astragalus alamkuhensis Maassoumi, Fl. Iran [ed. M. Assadi et al.] 145: 247 (2018).
Astragalus alamouticus Maassoumi, Sendtnera 1: 188 (1993).
Astragalus aliomranii Maassoumi, Iran. J. Bot. 9(2): 122 (2002).
Astragalus allectus Maassoumi, *Astragalus* Old World 116 (1998).
Astragalus alimontanus Podlech & Maassoumi, Feddes Repert. 114(5-6): 348 (2003).
Astragalus altiusculus Maassoumi & F. Ghahrem., Iran. J. Bot. 8(1): 36 (1999).
Astragalus alyssiformis Maassoumi, Ghahrem. & Javadi, Gen. *Astragalus* Iran 5: 402 (2005).
Astragalus andabadensis Maassoumi, Bagheri & F. Ghahrem, Iran. J. Bot. 15(2): 175 (2009).
Astragalus anguranensis Podlech & Maassoumi, Fl. Iranica [Rechinger] 175: 140 (2001).
Astragalus arasbaranensis Maassoumi & Ranjbar, Iran. J. Bot. 7(1): 40 (1996).
Astragalus arnacantha subsp. *aitosensis* (Ivan.) Maassoumi, *Astragalus* Old World 328 (1998).
Astragalus arnacantha subsp. *arnacanthoides* (Boriss.) Maassoumi, *Astragalus* Old World 321 (1998).
Astragalus ashtianensis Podlech & Maassoumi, Feddes Repert. 114(5-6): 336 (2003).
Astragalus assadabadensis Maassoumi, Gen. *Astragalus* Iran 5: 401 (2005).
Astragalus assadii Maassoumi & Podlech, Iran. J. Bot. 3(2): 98 (1987).
Astragalus atrokurdicus Maassoumi, F. Ghahrem., Bagheri & Podlech, Novon 25(3): 267 (2017).
Astragalus austromaheshanensis F. Ghahrem., Maassoumi & Bagheri, Iran. J. Bot. 17(1): 16 (2011).
Astragalus austrotaromensis Maassoumi, F. Ghahrem., Bagheri & Podlech, Novon 25(3): 267 (2017).
Astragalus azizii Maassoumi, Mitt. Bot. Staatssamml. München 28: 504 (1989).
Astragalus aznaicus Podlech & Maassoumi, Feddes Repert. 114(5-6): 337 (2003).
Astragalus babakhanloui Maassoumi & Podlech, Iran. J. Bot. 4(1): 72 (1988).
Astragalus badelehensis Maassoumi & Taheri, Gen. *Astragalus* Iran 5: 417-419 (2005).
Astragalus baftensis Ranjbar & Maassoumi, Iran. J. Bot. 17(1): 2 (2011).
Astragalus baraftabensis Maassoumi & Podlech, Gen. *Astragalus* Iran 5: 392 (2005).
Astragalus barnasariformis Maassoumi, F. Ghahrem. & Bagheri, Rostaniha 12(2): 178 (2011).
Astragalus bashmaghensis Maassoumi & Podlech, Fl. Iranica [Rechinger] 175: 141 (2001).
Astragalus bashmensis Maassoumi, Mitt. Bot. Staatssamml. München 28: 509 (1989).
Astragalus basilicus Maassoumi & Podlech, Mitt. Bot. Staatssamml. München 25(2): 788 (1988).
Astragalus bavanatensis Maassoumi, Nowroozi & Podlech, Iran. J. Bot. 11(1): 102.
Astragalus bavanaticus Maassoumi, Nowroozi & Podlech, Gen. *Astragalus* Iran 5: 419 (2005).
Astragalus bejournensis Podlech & Maassoumi, Feddes Repert. 114(5-6): 337 (2003).
Astragalus belgheisicoides Podlech & Maassoumi, Feddes Repert. 114(5-6): 338 (2003).
Astragalus belgheisicus Maassoumi, Iran. J. Bot. 5(1): 10 (1991).
Astragalus binaludensis Maassoumi & M. Pakravan, Iran. J. Bot. 7(1): 47 (1996).
Astragalus birangiae Maassoumi, Iran. J. Bot. 5(1): 10 (1991), as 'birangae'.
Astragalus blattneri Bagheri & Maassoumi, Ann. Bot. Fenn. 56(4-6): 212 (2019).
Astragalus boldajiensis Maassoumi, Zeraatkar & Khajoei, Iran. J. Bot. 30(1): 29 (2024).
Astragalus borujenensis Ranjbar & Maassoumi, Iran. J. Bot. 13(2): 83 (figs. 1, 2 E, F) (2007).
Astragalus botryophorus Maassoumi & Podlech, Mitt. Bot. Staatssamml. München 29: 510 (1990).
Astragalus bozghoushensis Maassoumi, Mozaff. & Ramezani, Iran. J. Bot. 21(2): 98 (2015).
Astragalus bradosticus Maassoumi & Podlech, Fl. Iranica [Rechinger] 175: 143 (2001).
Astragalus brevicalycinus Maassoumi, Gen. *Astragalus* Iran 5: 387 (2005).
Astragalus brulloi Maassoumi, Iran. J. Bot. 21(2): 124 (2015).
Astragalus bukanensis Maassoumi & Podlech, Feddes Repert. 114(5-6): 322 (2003).
Astragalus caligineus Maassoumi, Sendtnera 1: 193 (1993).
Astragalus canosus Maassoumi, Iran. J. Bot. 5(1): 12 (1991).
Astragalus capax Maassoumi, Iran. J. Bot. 6(2): 202 (1994).

- Astragalus capillatus* Maassoumi, Sendtnera 1: 180 (1993).
Astragalus cellatus Maassoumi, *Astragalus Old World* 379 (1998).
Astragalus centrozagrosicus Maassoumi, Zeraatkar & Khajoei, Iran. J. Bot. 30(1): 30 (2024) as 'centrozagrosicus'.
Astragalus cercidophacos Podlech & Maassoumi, Davis & Hedge Festschrift 77 (1989).
Astragalus chahartaghensis Maassoumi & Podlech, Mitt. Bot. Staatssamml. München 29: 511 (1990).
Astragalus chaldoranicus Podlech & Maassoumi, Feddes Repert. 114(5-6): 321 (2003).
Astragalus chamanbidensis Maassoumi & Mozaff., Iran. J. Bot. 23(1): 1 (2017).
Astragalus chichesticus Podlech & Maassoumi, Feddes Repert. 114(5-6): 339 (2003).
Astragalus ciceropsis Hamzehee & Maassoumi, Iran. J. Bot. 10(1): 60 (2003).
Astragalus clivicola Podlech & Maassoumi, Feddes Repert. 114(5-6): 339 (2003).
Astragalus commodus Maassoumi, *Astragalus Old World* 404 (1998).
Astragalus controversus Maassoumi & Podlech, Iran. J. Bot. 3(2): 98 (1987).
Astragalus craccinopsis Maassoumi, Gen. *Astragalus* Iran 5: 413 (2005).
Astragalus culminatus Maassoumi, Kaz.Osaloo & Joharchi, Iran. J. Bot. 11(2): 138 (2006).
Astragalus daghdaghabadensis Maassoumi, Iran. J. Bot. 5(1): 13 (1991).
Astragalus dalahuensis Avazzadeh, Bagheri & Maassoumi, Pl. Biosystems 159(5): 1255 (2025).
Astragalus dejectus Maassoumi, F. Ghahrem & Bagheri, Novon 25(3): 270 (2017).
Astragalus delutulus Maassoumi, Iran. J. Bot. 7(2): 225 (1998), nom. nov.
Astragalus demonstratus Maassoumi, Iran. J. Bot. 6(2): 204 (1994).
Astragalus dilutuloides Maassoumi, F. Ghahrem & Bagheri, Adansonia 34(1): 62 (2012).
Astragalus distinctus Maassoumi, *Astragalus Old World* 206 (1998).
Astragalus diversus Podlech & Maassoumi, Ann. Naturhist. Mus. Wien, B 105: 576 (2003).
Astragalus doghrunensis Maassoumi & Podlech, Fl. Iranica [Rechinger] 175: 150 (2001).
Astragalus doshman-ziariensis Maassoumi & Podlech, Iran. J. Bot. 4(1): 74 (1988).
Astragalus elezghensis Maassoumi & Kaz.Osaloo, Iran. J. Bot. 11(2): 141 (2006).
Astragalus estahbanensis Maassoumi & Podlech, Feddes Repert. 114(5-6): 323 (2003).
Astragalus evanensis Maassoumi & Podlech, Bot. Jahrb. Syst. 109(2): 262. 1987 [11 Dec 1987].
Astragalus expectatus Maassoumi, Mitt. Bot. Staatssamml. München 29: 503 (1990).
Astragalus expetitus Maassoumi, Iran. J. Bot. 6(2): 204 (1994).
Astragalus facetus Maassoumi & Podlech, Iran. J. Bot. 4(1): 74 (1988).
Astragalus fagh-soleimanensis Maassoumi & Podlech, Feddes Repert. 114(5-6): 324 (2003).
Astragalus fausicola Podlech ex Bagheri, Maassoumi & F. Ghahrem., Taxon. Biosyst. 3(8): 10(2011).
Astragalus ferruminatus Maassoumi, Iran. J. Bot. 6(2): 206 (1994).
Astragalus filifoliolatus Maassoumi, Gen. *Astragalus* Iran 5: 411 (2005).
Astragalus floccosus subsp. *pichleri* (Beck) Zarre, Maassoumi & Podlech, Fl. Iranica 177: 68 (2008).
Astragalus floccosus subsp. *rahensis* (Širj. & Rech.f.) Zarre, Maassoumi & Podlech, Fl. Iranica 177: 69 (2008).
Astragalus foliosus Podlech, Maassoumi & Ranjbar, Willdenowia 32(1): 87 (2002).
Astragalus fortuitus Maassoumi, Iran. J. Bot. 6(2): 201 (1994).
Astragalus gagnieui Maassoumi & Podlech, Bot. Jahrb. Syst. 109(2): 264 (1987).
Astragalus galbineus Maassoumi, Iran. J. Bot. 4(1): 130 (1988).
Astragalus gamasiabensis Maassoumi, Zarre & Podlech, Fl. Iranica 177: 69 (2008).
Astragalus garmashubensis Maassoumi & Khorrami, Gen. *Astragalus* Iran 5: 396 (2005).
Astragalus geminus Maassoumi, *Astragalus Old World* 71. 71 (1998).
Astragalus ghahremanii Maassoumi & Podlech, Iran. J. Bot. 4(1): 76 (1988).
Astragalus ghamishluensis Dastpak, Maassoumi & Kaz.Osaloo, Iran. J. Bot. 17(2): 176 (2011).
Astragalus ghamsaricus Maassoumi & Tietz, Mitt. Bot. Staatssamml. München 30: 381 (1992).
Astragalus ghanbarianii Maassoumi, Podlech & Zarre, Novon 19(1): 136 (2009).
Astragalus ghooortapacensis Maassoumi, Mitt. Bot. Staatssamml. München 29: 504 (1990).
Astragalus ghouchanensis Souzani, Zarre & Maassoumi, Ann. Bot. Fenn. 46(6): 588 (2009).
Astragalus gifanicus Maassoumi & Podlech, Bot. Jahrb. Syst. 109(2): 267. 1987 [11 Dec 1987].
Astragalus gigantifoliolatus Maassoumi & Maroofi, Gen. *Astragalus* Iran 5: 406 (2005).
Astragalus gigantirostratus Maassoumi, Ghahr., F. Ghahrem. & F. Matin, Willdenowia 29 (1-2): 222 (1999).
Astragalus glaucopsiformis Maassoumi, Iran. J. Bot. 8(2): 311 (2000).

- Astragalus glochidiatus* Maassoumi, Iran. J. Bot. 5(1): 13 (1991).
Astragalus golestanicus Maassoumi & Podlech, Iran. J. Bot. 3(2): 101 (1987).
Astragalus gypsocola Maassoumi & Mozaff., Iran. J. Bot. 6(2): 202 (1994), as 'gypsocolus'.
Astragalus hajiabadensis Podlech & Maassoumi, Feddes Repert. 114(5-6): 340 (2003).
Astragalus hajijafanensis Maassoumi, Gen. *Astragalus* Iran 5: 404 (2005).
Astragalus hakkianus Bagheri, Maassoumi & Rahimin., Feddes Repert. 124(1): 46 (2014).
Astragalus heinzianus Maassoumi & Mozaff., Rostaniha 7(Suppl. 2): 158 (2006).
Astragalus hendelanicus Maassoumi, Iran. J. Bot. 5(1): 14 (1991).
Astragalus herbertii Maassoumi, Mitt. Bot. Staatssamml. München 27: 129 (1988).
Astragalus heterozyx Maassoumi, Fl. Iran [ed. M. Assadi et al.] 145: 294 (2018).
Astragalus homandicus Maassoumi & Podlech, Feddes Repert. 114(5-6): 325 (2003).
Astragalus hotkanensis Maassoumi & Mirtadz., Iran. J. Bot. 12(1): 90 (2006).
Astragalus idoneus Maassoumi & Podlech, Mitt. Bot. Staatssamml. München 29: 512 (1990).
Astragalus imbecillus Maassoumi & Podlech, Bot. Jahrb. Syst. 109(2): 268 (1987).
Astragalus inchebroonensis Maassoumi, Gen. *Astragalus* Iran 5: 382 (2005).
Astragalus inclinatus Maassoumi, Sendtnera 1: 168 (1993).
Astragalus indistinctus Podlech & Maassoumi, Bot. Jahrb. Syst. 109(2): 269 (1987).
Astragalus indomitus Maassoumi, Sendtnera 1: 195 (1993).
Astragalus inexpectatus Maassoumi & Podlech, Iran. J. Bot. 4(1): 77 (1988).
Astragalus inoblitus Maassoumi, Sendtnera 1: 193 (1993).
Astragalus inquilinus Maassoumi, Iran. J. Bot. 4(1): 132 (1988).
Astragalus insularis Maassoumi & Podlech, Feddes Repert. 114(5-6): 325 (2003).
Astragalus insularis-ashkii Maassoumi & Podlech, Iran. J. Bot. 21(2): 123 (2015).
Astragalus iranshahrii Maassoumi & Podlech, Iran. J. Bot. 4(1): 79 (1988).
Astragalus issatissensis Maassoumi & Mahmoodi, Willdenowia 43(2): 264 (2013).
Astragalus jamzadiae Maassoumi, Iran. J. Bot. 8(2): 312 (2000), as 'jamzadae'.
Astragalus jaskensis Maassoumi, Gen. *Astragalus* Iran 5: 385 (2005).
Astragalus juladakensis Maassoumi, Iran. J. Bot. 13(2): 79 (2007).
Astragalus kabutarlanensis Dehshiri & Maassoumi, Iran. J. Bot. 11(2): 194 (2006).
Astragalus kalatehensis Maassoumi & Kaz.Osaloo, Iran. J. Bot. 11(2): 138 (2006).
Astragalus karl-heinzii Maassoumi, Iran. J. Bot. 13(2): 78 (2007).
Astragalus kashmarensis Maassoumi & Podlech, Iran. J. Bot. 3(2): 101 (1987).
Astragalus kazempourii Bagheri, Maassoumi & Mahmoodi, Iran. J. Bot. 25(2): 97 (2019).
Astragalus kelishomensis Maassoumi, Mozaff. & Moradi, Iran. J. Bot. 23(1): 3 (2017).
Astragalus khadem-kandicus Maassoumi & Podlech, Feddes Repert. 114(5-6): 326 (2003).
Astragalus khajiboulaghensis Maassoumi, Mitt. Bot. Staatssamml. München 29: 505 (1990).
Astragalus khatamsaziae Maassoumi, Iran. J. Bot. 8(2): 313 (2000), as 'khatamsazae'.
Astragalus khongensis Maassoumi, Joharchi & Podlech, Iran. J. Bot. 11(1): 103 (2005).
Astragalus kiamaky-daghensis Maassoumi & Podlech, Feddes Repert. 114(5-6): 327 (2003).
Astragalus kuzehrashensis Karbalaee, Bagheri & Maassoumi, Bot. Stud. (Taipei) 66-1: 8 (2025).
Astragalus lacus-valashti Maassoumi, Podlech & Jalili, Feddes Repert. 114(5-6): 327 (2003).
Astragalus lamprocarpus Maassoumi, Iran. J. Bot. 6(2): 199 (1994).
Astragalus lasiocalycinus Podlech & Maassoumi, Feddes Repert. 114(5-6): 341 (2003).
Astragalus lateritiiformis Zarre, Maassoumi & Podlech, Fl. Iranica 177: 79 (2008).
Astragalus latianicus Maassoumi & Ranjbar, Iran. J. Bot. 7(1): 41 (1996).
Astragalus latusioides Maassoumi & Zarre, Iran. J. Bot. 21(2): 124 (2015).
Astragalus leonardii Maassoumi, Iran. J. Bot. 4(1): 132 (1988).
Astragalus leptynticus Maassoumi, Iran. J. Bot. 6(2): 207 (1994).
Astragalus leucocerciformis Ranjbar & Maassoumi, Iran. J. Bot. 6(2): 252 (1994).
Astragalus leucotrichus Maassoumi, Sendtnera 1: 188 (1993).
Astragalus leushanensis Maassoumi, Sendtnera 1: 192 (1993).
Astragalus lignipes Akhavan & Maassoumi, Iran. J. Bot. 26(1): 9 (2020).
Astragalus lippertii Maassoumi & Podlech, Mitt. Bot. Staatssamml. München 29: 513 (1990).
Astragalus lisaricus Maassoumi, Sendtnera 1: 177 (1993).

- Astragalus maarofii* Podlech & Maassoumi, Feddes Repert. 114(5-6): 328 (2003).
Astragalus magistratus Maassoumi, Ghahr. & Mozaff., Iran. J. Bot. 4(1): 110 (1988).
Astragalus magnibracteatus Maassoumi & Maroofi, Iran. J. Bot. 11(1): 105 (2005).
Astragalus mahneshanensis Maassoumi & Moussavi, Iran. J. Bot. 11(1): 104 (2005).
Astragalus makuensis Maassoumi, Bagheri & Rahimin., Phytotaxa 178(1): 39 (2014).
Astragalus malaviensis Maassoumi & Mehrnia, Iran. J. Bot. 27(1): 2 (2021).
Astragalus marivanensis Maassoumi & Podlech, Fl. Iranica 177: 162 (2001).
Astragalus markasicus Podlech & Maassoumi, Feddes Repert. 114(5-6): 341 (2003).
Astragalus marzanabadensis Maassoumi, Fl. Iran [ed. M. Assadi et al.] 145: 324 (2018).
Astragalus mehranensis Maassoumi & Mozaff., Iran. J. Bot. 13(2): 87 (2007).
Astragalus mehrizianus Podlech & Maassoumi, Feddes Repert. 114(5-6): 342 (2003).
Astragalus meimandicus Maassoumi & Vakili, Iran. J. Bot. 9(1): 70 (2001).
Astragalus membranostipulus Maassoumi, Iran. J. Bot. 8(2): 313 (2000).
Astragalus memnonius Maassoumi & Podlech, Iran. J. Bot. 4(1): 81 (1988).
Astragalus memoriosus M. Pakravan, Nasseh & Maassoumi, Iran. J. Bot. 6(2): 258 (1994).
Astragalus minutulus Maassoumi, Mitt. Bot. Staatssamml. München 28: 506 (1989).
Astragalus montis-alamkuhi Maassoumi, Fl. Iran [ed. M. Assadi et al.] 145: 418 (2018).
Astragalus montis-bakhtiari Maassoumi & Sardari, Gen. *Astragalus* Iran 5: 410 (2005).
Astragalus montis-hashtadi Akhavan & Maassoumi, Phytotaxa 740(1): 99 (2026).
Astragalus montismishoudaghi Sheikh Akbari Mehr, Ghorbani & Maassoumi, Iran. J. Bot. 17(2): 178 (2011).
Astragalus montis-nacarouzii Maassoumi & Maroofi, Iran. J. Bot. 12(1): 92 (2006).
Astragalus montis-parrowii Maassoumi & Nemati, Iran. J. Bot. 11(1): 106 (2005).
Astragalus montis-queydari F. Ghahrem., Maassoumi & Bagheri, Adansonia 34(1): 64 (2012).
Astragalus montosus Maassoumi, Iran. J. Bot. 8(2): 314 (2000).
Astragalus mostafa-assadii Bagheri, Maassoumi, F. Ghahrem. & Podlech, Novon 25(3): 271 (2017).
Astragalus moussavii Maassoumi, F. Ghahrem & Ghahr., Nordic J. Bot. 20(3): 353 (2000).
Astragalus mozaffarianii Maassoumi, Iran. J. Bot. 3(2): 191 (1987).
Astragalus musaianus Maassoumi & Joharchi, Rostaniha 14(1): 14 ().
Astragalus naghadehensis (Tietz & Zarre) Naderi Safar & Maassoumi, Progr. Biol. Sci. 4(2): 226 (2014).
Astragalus nahavandicus Maassoumi, Mitt. Bot. Staatssamml. München 29: 506 (1990).
Astragalus neoassadabadensis F. Ghahrem. & Maassoumi, Ann. Naturhist. Mus. Wien, B 111: 280 (2010), as 'neo-assadabadensis'.
Astragalus neo-chaldoranicus Podlech & Maassoumi, Gen. *Astragalus* Iran 5: 141 (2005).
Astragalus neo-iranshahrii Maassoumi & Amini Rad, Rostaniha 14(1): 15 (2013), as neo-iranshahrii.
Astragalus neomobayenii Maassoumi, Iran. J. Bot. 4(1): 135 (1988), as 'neo-mobayenii'.
Astragalus neomozaffarianii Maassoumi, Iran. J. Bot. 8(2): 315 (2000), as 'neo-mozaffarianii'.
Astragalus neopodlechii Maassoumi, Iran. J. Bot. 3(2): 193 (1987), as 'neo-podlechii'.
Astragalus nervifolius Maassoumi, Podlech & Zarre, Novon 19(1): 137 (2009).
Astragalus nigrohirsutus (Tietz & Zarre) Borjian, Maassoumi & Assadi, Iran. J. Bot. 18(1): 102. (2012).
Astragalus nurabadensis Maassoumi & Podlech, Bot. Jahrb. Syst. 109(2): 269 (1987).
Astragalus olangensis Maassoumi & Joharchi, Gen. *Astragalus* Iran 5: 408 (2005).
Astragalus oligoflorus Maassoumi, Ghahrem. & Javadi, Gen. *Astragalus* Iran 5: 414 (2005).
Astragalus ovalifoliolatus Maassoumi & Ranjbar, Iran. J. Bot. 7(1): 42 (1996).
Astragalus pakravaniae Podlech & Maassoumi, Feddes Repert. 114(5-6): 320 (2003).
Astragalus paralurgiformis F. Ghahrem., Maassoumi & Bagheri, Novon 25(3): 273 (2017).
Astragalus parnassi subsp. *calabricus* (Fisch.) Maassoumi, *Astragalus* Old World 303 (1998).
Astragalus passargadensis Maassoumi, Iran. J. Bot. 8(2): 316 (2000).
Astragalus patrius Maassoumi, Iran. J. Bot. 4(1): 137 (1988).
Astragalus pauxillis Maassoumi & F. Ghahrem., Iran. J. Bot. 8(1): 37 (1999).
Astragalus pediculariformis Maassoumi, Iran. J. Bot. 6(2): 208 (1994).
Astragalus penetratus Maassoumi, Mitt. Bot. Staatssamml. München 28: 507 (1989).
Astragalus perdurabilis Maassoumi, Sendtnera 1: 182 (1993).
Astragalus pereshkhoranicus Maassoumi & F. Ghahrem., Iran. J. Bot. 8(1): 38 (1999).
Astragalus perpexus Maassoumi, Mitt. Bot. Staatssamml. München 27: 131 (1988).

- Astragalus peymanii* Maassoumi, Iran. J. Bot. 8(2): 317 (2000).
Astragalus pileh-khasehensis Podlech & Maassoumi, Feddes Repert. 114(5-6): 343 (2003).
Astragalus pinetorum subsp. *alamutensis* Maassoumi & Podlech, Iran. J. Bot. 3(2): 104 (1987).
Astragalus piranshahricus Maassoumi & Podlech, Bot. Jahrb. Syst. 109(2): 271 (1987).
Astragalus pish-chakensis Maassoumi, Mitt. Bot. Staatssamml. München 27: 132 (1988).
Astragalus plagiophacos Maassoumi & Podlech, Iran. J. Bot. 4(1): 83 (1988).
Astragalus platyfoliatus Maassoumi, Iran. J. Bot. 6: 200 (1994).
Astragalus platyfoliolatus Maassoumi, Iran. J. Bot. 6(2): 200 (1994).
Astragalus pluriflorus F. Ghahrem., Maassoumi, Bagheri & Podlech, Novon 25(3): 273 (2017).
Astragalus podoloboides Maassoumi, Gen. *Astragalus* Iran 5: 390 (2005).
Astragalus polystachys Maassoumi, Iran. J. Bot. 8(2): 318 (2000).
Astragalus protectus Maassoumi & Podlech, Gen. *Astragalus* Iran 5: 399 (2005).
Astragalus pseudoantilibani Maassoumi, Sendtnera 1: 189 (1993).
Astragalus pseudobrunsiianus Maassoumi, Iran. J. Bot. 6(2): 209 (1994).
Astragalus pseudocomosus Maassoumi, F. Ghahrem. & Bagheri, Rostaniha 14(1): 16 (2013).
Astragalus pseudoibcinus Maassoumi & Podlech, Bot. Jahrb. Syst. 109(2): 272 (1987).
Astragalus pseudoibcinus subsp. *kowlikoshensis* Maassoumi & Podlech, Bot. Jahrb. Syst. 109(2): 272 (1987).
Astragalus pseudojohannis Maassoumi & Podlech, Iran. J. Bot. 3(2): 106 (1987).
Astragalus pseudomacrostachys Maassoumi, Sendtnera 1: 211 (1993).
Astragalus pseudomurinus Naderi Safar & Maassoumi, Progr. Biol. Sci. 4(2): 226 (2014).
Astragalus pseudonigrescens Maassoumi, Gen. *Astragalus* Iran 5: 384 (2005).
Astragalus pseudoparalurges F. Ghahrem., Maassoumi, Bagheri & Podlech, Novon 25(3): 276 (2017).
Astragalus pseudopersicus Maassoumi & Podlech, Fl. Iranica [Rechinger] 175: 171 (2001).
Astragalus pseudopulchellus Maassoumi, Sendtnera 1: 170 (1993).
Astragalus pseudorobustus Podlech & Maassoumi, Feddes Repert. 114(5-6): 329 (2003).
Astragalus pseudovinus Maassoumi & Podlech, Iran. J. Bot. 3(2): 106 (1987).
Astragalus pseudozagrosicus Maassoumi & Podlech, Bot. Jahrb. Syst. 109(2): 274 (1987).
Astragalus qaratchaicus Maassoumi, Ghahrem. & Javadi, Iran. J. Bot. 11(1): 107 (2005).
Astragalus qeydarnabiensis Bagheri, F. Ghahrem. & Maassoumi, Iran. J. Bot. 17(1): 16 (2011).
Astragalus qohestanicus Nasseh & Maassoumi, Iran. J. Bot. 16(2): 221 (2010).
Astragalus quettensis Amjad Khan, A. Sultan & Maassoumi, Phytotaxa 636(1): 3 (2024).
Astragalus reconditus Podlech & Maassoumi, Feddes Repert. 114(5-6): 343 (2003).
Astragalus regestus Maassoumi, Mitt. Bot. Staatssamml. München 28: 508 (1989).
Astragalus remotispicatus Bagheri & Maassoumi, PLoS ONE 11(3): e0149726 (6) (2016).
Astragalus reticulatovenosus Maassoumi & Podlech, Iran. J. Bot. 3(2): 109 (1987), as 'reticulato-venosus'.
Astragalus rijabensis Maassoumi, Mozaff. & Bagheri, Iran. J. Bot. 23(1): 3 (2017).
Astragalus rivashensis Maassoumi, Iran. J. Bot. 4(1): 139 (1988).
Astragalus rubicalyx Maassoumi, Fl. Iran [ed. M. Assadi et al.] 145: 351 (2018).
Astragalus rubriphyssa Maassoumi & Khorrami, Iran. J. Bot. 11(1): 107 (2005).
Astragalus rubrocalycinus Maassoumi & Podlech, Iran. J. Bot. 4(1): 85 (1988).
Astragalus rudimentus Maassoumi, Iran. J. Bot. 5(1): 14 (1991).
Astragalus runemarkii Maassoumi & Podlech, Feddes Repert. 114(5-6): 344 (2003).
Astragalus rusticus Maassoumi, Mitt. Bot. Staatssamml. München 29: 506 (1990).
Astragalus sabetii Podlech & Maassoumi, Feddes Repert. 114(5-6): 330 (2003).
Astragalus safavii Podlech & Maassoumi, Feddes Repert. 114(5-6): 331 (2003).
Astragalus sarabensis Maassoumi & Podlech, Feddes Repert. 114(5-6): 332 (2003).
Astragalus saremii Maassoumi, Iran. J. Bot. 9(2): 122 (2002).
Astragalus scapiger M. Ranjbar & Maassoumi, Iran. J. Bot. 7(2): 236 (1998).
Astragalus sect. *Cercidophaca* Podlech & Maassoumi, Davis & Hedge Festschrift 72 (1989).
Astragalus sect. *Elvendia* Bagheri & Maassoumi, Pl. Biosystems 156(5): 1263 (2022).
Astragalus sect. *Irania* Maassoumi, Mahmoodi & Bagheri, Iran. J. Bot. 26(2): 107 (2020).
Astragalus sect. *Lamprocarpa* Maassoumi, Iran. J. Bot. 6(2): 199 (1994).
Astragalus sect. *Plagiophaca* Maassoumi & Podlech, Iran. J. Bot. 4(1): 83 (1988).
Astragalus semiglabricarpus Maassoumi, Gen. *Astragalus* Iran 5: 388 (2005).

- Astragalus semiromensis* Podlech & Maassoumi, Feddes Repert. 114(5-6): 333 (2003).
Astragalus shabilensis Podlech & Maassoumi, Feddes Repert. 114(5-6): 345 (2003).
Astragalus shahinii Podlech & Maassoumi, Feddes Repert. 114(5-6): 345 (2003).
Astragalus shahsavaranicus Maassoumi, Fl. Iran [ed. M. Assadi et al.] 145: 365 (2018).
Astragalus shahsavarii Maassoumi & Podlech, Iran. J. Bot. 9(2): 204 (2002).
Astragalus siahcheshmehensis Maassoumi & Podlech, Feddes Repert. 114(5-6): 334 (2003).
Astragalus simakanensis Maassoumi & Hatami, Iran. J. Bot. 11(1): 102 (2005).
Astragalus sirjaevii Zarre, Maassoumi & Podlech, Fl. Iranica 177: 104 (2008).
Astragalus sisakhtianus Podlech & Maassoumi, Feddes Repert. 114(5-6): 346 (2003).
Astragalus sivendicus Podlech & Maassoumi, Feddes Repert. 114(5-6): 347 (2003).
Astragalus sohrevardianus Bagheri, Maassoumi & F. Ghahrem., Novon 25(3): 276 (2017).
Astragalus spachianiformis Podlech & Maassoumi, Feddes Repert. 114(5-6): 347 (2003).
Astragalus subaspadanus Maassoumi, F. Ghahrem. & Bagheri, Rostaniha 14(1): 17 (2013).
Astragalus subbrevidens Maassoumi, Gen. *Astragalus* Iran 5: 415 (2005).
Astragalus subglaberrimus Podlech & Maassoumi, Feddes Repert. 114(5-6): 334 (2003).
Astragalus subkohrudicus Maassoumi, F. Ghahreman & Bagheri, Iran. J. Bot. 17(1): 16 (2011).
Astragalus sublaguriformis Bagheri, Maassoumi & F. Ghahrem., Novon 25(3): 279 (2017).
Astragalus sublunatus Pourebrahim, Kaz.Osaloo & Maassoumi, Phytotaxa 668(3): 240 (2024).
Astragalus subpentanthus Maassoumi & Podlech, Gen. *Astragalus* Iran 5: 397 (2005).
Astragalus subrecognitus Bagheri, Maassoumi & F. Ghahrem, Iran. J. Bot. 17(1): 17 (2011).
Astragalus subsect. *Bornmuelleriana* (Širj. & Rech.f.) Maassoumi, Sendtnera 1: 212 (1993).
Astragalus subsect. *Dasyphylloides* Maassoumi, Sendtnera 1: 166 (1993).
Astragalus sumarensis Maassoumi, Iran. J. Bot. 8(2): 319 (2000).
Astragalus sympyleicalycinus Maassoumi & Nasseh, Gen. *Astragalus* Iran 5: 380 (2005).
Astragalus talehensis Bidarlord, F. Ghahrem. & Maassoumi, Phytotaxa 252(4): 281 (2016).
Astragalus tangeh-zendanensis Naderi & Maassoumi, Nordic J. Bot. 2025(5)-e04650: 3 (2025).
Astragalus tavakolii Maassoumi, Fl. Iran [ed. M. Assadi et al.] 145: 384 (2018).
Astragalus tekabensis Maassoumi & Maroofi, Rostaniha 14(1): 17 (2013).
Astragalus termeanus Maassoumi & Podlech, Iran. J. Bot. 4(1): 87 (1988).
Astragalus townsendii Zarre, Maassoumi & Podlech, Fl. Iranica 177: 107 (2008).
Astragalus turkman-chaiensis Maassoumi, Mozaff. & Ramezani, Iran. J. Bot. 21(2): 96 (2015).
Astragalus tuyehensis Ghahr., Maassoumi & F. Ghahrem., Novon 12(1): 47 (2002).
Astragalus typhiformis Maassoumi, Iran. J. Bot. 4(1): 141 (1989), as 'typhaeformis'.
Astragalus urbanus Podlech & Maassoumi, Mitt. Bot. Staatssamml. München 29: 509 (1990).
Astragalus venustus Maassoumi & Podlech, Davis & Hedge Festschrift 78 (1989).
Astragalus vereskensis Maassoumi & Podlech, Bot. Jahrb. Syst. 109(2): 276 (1987).
Astragalus vessaliae Maassoumi & Podlech, Iran. J. Bot. 4(1): 88 (1988), as 'vessalae'.
Astragalus wiesneri Maassoumi & Pahlevani, Anales Jard. Bot. Madrid 77(2 e103): 3 (2021).
Astragalus yazdii (Vassilcz.) Podlech & Maassoumi, Iran. J. Bot. 19(1): 6 (2013).
Astragalus zangoeianus Maassoumi, Safavi & Nasseh, Iran. J. Bot. 9(1): 64 (2001), as 'zangoonianus'.
Astragalus zanzanensis Podlech & Maassoumi, Feddes Repert. 114(5-6): 335 (2003).
Bellevalia wendelboi Maassoumi & Jafari, Edinburgh J. Bot. 65(3): 470 (2008).
Calligonum alatsetosum Maassoumi & Kazempour, Iran. J. Bot. 17(1): 51 (2011).
Calligonum spinosetosum Maassoumi & Batooli, Iran. J. Bot. 15(2): 153 (2009).
Glaucosciadium insigne (Pimenov & Maassoumi) Spalik & S.R. Downie, Pl. Syst. Evol. 274(1-2): 58 (2008).
Hedysarum marandense Mozaff., Akrami & Maassoumi, Iran. J. Bot. 17(1): 20 (2011).
Hedysarum garinense Dehshiri & Maassoumi, Nordic J. Bot. 30(5): 522 (2012).
Leopoldia ghouschtchiensis Jafari & Maassoumi, Ann. Bot. Fenn. 48(5): 397 (2011).
Matthiola iranica Zeraatkar, Mahmoodi, F. Ghahrem. & Maassoumi, Phytotaxa 261(2): 195 (2016).
Mozaffariana insignis Pimenov & Maassoumi, Bot. Zhurn. (Moscow & Leningrad) 87(11): 97 (2002).
Mozaffariana Pimenov & Maassoumi, Bot. Zhurn. (Moscow & Leningrad) 87(11): 96 (2002).
Muscari ghouschtchiense (Jafari & Maassoumi) Böhnert, Taxon 72(2): 273 (2023).
Oxytropis bakhtiarica Maassoumi, Iran. J. Bot. 19(1): 8. 2013.
Oxytropis birjandica F. Ghahrem., Maassoumi & Joharchi, Taxon. Biosyst. 18(1): 14 (2025).

- Oxytropis compacta* Maassoumi & Joharchi, Iran. J. Bot. 19(1): 11 (2013).
Oxytropis guilanica Maassoumi & Moradi, Iran. J. Bot. 21(1): 20 (2015).
Oxytropis indurata Maassoumi, Iran. J. Bot. 19(1): 13 (2013).
Oxytropis javaherdehi Maassoumi, Iran. J. Bot. 19(1): 13 (2013).
Oxytropis kordkoyensis Maassoumi, Iran. J. Bot. 19(1): 16 (2013).
Oxytropis mahneshanensis Maassoumi, Iran. J. Bot. 19(1): 18 (2013).
Oxytropis pseudosuavis Maassoumi, Iran. J. Bot. 19(1): 20 (2013).
Oxytropis sabzavarensis Maassoumi, Iran. J. Bot. 19(1): 22 (2013).
Oxytropis salukensis Maassoumi, Iran. J. Bot. 19(1): 22 (2013).
Oxytropis shahvarica Maassoumi, Iran. J. Bot. 19(1): 25 (2013).
Oxytropis sivehensis Maassoumi & Amini Rad, Iran. J. Bot. 19(1): 25 (2013).
Oxytropis sutakensis Maassoumi, Feddes Repert. 129(1): 38 (2018).
Podlechiella Maassoumi & Kaz.Osaloo, Pl. Syst. Evol. 242(1-4): 22 (2003).
Podlechiella vogelii (Webb) Maassoumi & Kaz.Osaloo, Pl. Syst. Evol. 242(1-4): 22 (2003).
Podlechiella vogelii subsp. *fatmensis* (Chiov.) Maassoumi & Kaz.Osaloo, Pl. Syst. Evol. 242 (1-4): 22 (2003).
Salix baladehensis Maassoumi, Moeeni & Rahimin., Iran. J. Bot. 14(1): 1 (2008).
Salix elymaitica Maassoumi, Iran. J. Bot. 15(1): 8 (2009).
Salix firouzkuhensis Maassoumi, Iran. J. Bot. 15(1): 15 (2009).
Salix issatissensis Maassoumi, Moeeni & Rahimin., Iran. J. Bot. 14(1): 3 (2008).
Salix lacus-tari Maassoumi & Kazempour, Iran. J. Bot. 15(1): 16 (2009).
Salix viridiformis Maassoumi, Iran. J. Bot. 15(1): 11 (2009).

Publications

He published 22 books and authored or coauthored 235 journal papers.

Books

- Maassoumi, A.A.**, Mozaffarian, V., Kazempour Osaloo, Sh., Tavakkoli, S., Taheri, Gh., Ghahremani M.A. & Assadi, M. 2023: Flora of Iran, Polygonaceae, no. 169. Research Institute of Forests and Rangeland, Tehran. 237 pp.
- Amirabadizadeh, H., Assadi, M., Peykani Nemati, M., Janighorban, M., Jalilian, N., **Maassoumi, A.A.**, Small, E., Zaeifi, M., Abbassi, M., Naanaie, S.Y., Jafari, A., Pooyan, P.A., Ghahremaninejad, F., Chaghmirzaei, E., Amirhosravi, A., & Mehregan, I. 2023: Flora of Iran, *Fabaceae* p.p. No. 177. Research Institute of Forests and Rangeland, Tehran.
- Maassoumi, A.A.**, 2022: A checklist of *Astragalus* in the world: new grouping, new changes, and additional species with augmented data. Research Institute of Forests and Rangelands. 563 pp.
- Maassoumi, A.A.** 2018: Papilionaceae (*Astragalus* III). In: Assadi, M. & **Maassoumi, A.A.** (Eds.). Flora of Iran, No. 145. Research Institute of Forests and Rangelands of Iran, Tehran. 766 pp.
- Maassoumi, A.A.** 2016: Papilionaceae (*Astragalus* II). In: Assadi, M. & **Maassoumi, A.A.** (Eds.). Flora of Iran, No. 85. Research Institute of Forests and Rangelands of Iran, Tehran. 510 pp.
- Maassoumi, A.A.** & Hemati, A. & Safavi, S.R., Siavash, B., Kazempour-Osaloo, Sh., Moeeni, F., Abdolazade, A., Noori, F., Sadati, E., Bozorgmehr, A., Khodakarami, A., Alizadeh, B., Samadzadeh, A., Talebi, M., Jahanbazi, H. & Yousefi, B. 2012: Experimental Taxonomy of the genus *Salix* in Iran. Research Institute of Forests and Rangelands of Iran, Tehran. 118 pp.
- Podlech, D., **Maassoumi, A.A.**, & Zarre, Sh. 2012: Papilionaceae VII: *Astragalus* L. V. In: Rechinger K.H., (ed.). Flora Iranica, No. 179. 312 pp. -Akad. Druck- und Verlagsanstalt, Graz.
- Maassoumi, A.A.**, Assadi, M., & Hemmati, A. 2011: Flora of Iran. Salicaceae, No. 74. Research Institute of Forests and Rangeland, Tehran.
- Maassoumi, A.A.**, Safavi, S.R., Kazemi, S.S. & Siavash, B. 2010: An Introduction to Iranian Lichens. Research Institute of Forests & Rangelands Press. Tehran. 210 pp.
- Podlech, D., Zarre, Sh., **Maassoumi, A.A.**, Ekici, M. & Sytin, A. 2010: Papilionaceae VI: *Astragalus* L. IV & *Barnebyella* Podlech. In: Rechinger K.H., (ed.). Flora Iranica, No. 178. 430 pp. -Akad. Druck- und Verlagsanstalt, Graz.
- Zarre, S., **Maassoumi, A.A.**, & Podlech, D., 2008: Papilionaceae V: *Astragalus* L. III. In: Rechinger K.H., (ed.). Flora Iranica, No. 177. 173 pp. -Akad. Druck- und Verlagsanstalt, Graz.

- Maassoumi, A.A.** 2005: The genus *Astragalus* in Iran. vol. 5. Research Institute of Forests and Rangelands, Tehran (in Persian). 786 pp.
- Maassoumi, A.A.** 2003: Papilionaceae (*Astragalus* I). In: Assadi, M. & **Maassoumi, A.A.** (Eds.). Flora of Iran, No. 43. 384 pp. Research Institute of Forests and Rangelands of Iran, Tehran.
- Maassoumi, A.A.** 2003: Illustrated guide of the genus *Astragalus* in Iran. vol 3. 200 pp. Research Institute of Forests and Rangelands.
- Podlech, D., Zarre, Sh. & **Maassoumi, A.A.** 2001: Papilionaceae V: *Astragalus* L. III. In: Rechinger K.H. (ed.). Flora Iranica, No. 175. 338 pp. - Akad. Druck- und Verlagsanstalt, Graz.
- Maassoumi, A.A.** 2000: The genus *Astragalus* in Iran. vol. 4. 440 pp. Research Institute of Forests and Rangelands, Tehran (in Persian).
- Maassoumi, A.A.** 1998: Old World checklist of *Astragalus*. Research Institute of Forests and Rangelands, Tehran, 617 pp.
- Maassoumi, A.A.** 1995: The genus *Astragalus* in Iran. vol. 3. 502 pp. Research Institute of Forests and Rangelands, Tehran (in Persian).
- Maassoumi, A.A.** 1993: Illustrated guide of the genus *Astragalus* in Iran. vol. 2. 308 pp. Research Institute of Forests and Rangelands.
- Maassoumi, A.A.** 1990: Illustrated guide of the genus *Astragalus* in Iran. vol. 1. 204 pp. Research Institute of Forests and Rangelands.
- Maassoumi, A.A.** 1989: The genus *Astragalus* in Iran. vol. 2. 386 pp. Research Institute of Forests and Rangelands, Tehran (in Persian).
- Maassoumi, A.A.** 1986: The genus *Astragalus* in Iran. vol. 1. 106 pp. Research Institute of Forests and Rangelands, Tehran (in Persian).

Journal papers

- Maassoumi, A.A.** & Assadi, M. 2026: Three new *Astragalus* (Fabaceae) species from Iran. -Iran. J. Bot. 32(1): 21–24.
- Mirvaziri, A., Kazempour-Osaloo, S. & **Maassoumi, A.A.** 2026: *Oxytropis azizii* (Fabaceae-Faboideae) as a new combination supported by molecular and morphological evidence. -Iran. J. Bot. 32(1): 25–31.
- Alirezaei, Z., Ghahremaninejad, F. & **Maassoumi, A.A.** 2026: *Astragalus longifructus* (Fabaceae), a new species of section *Dissitiflora* from Golestan Province, Iran. -Novon 34(1): 34–39.
- Akhavan Roofigar, A., **Maassoumi, A.A.** & Amini Rad, M. 2026: *Astragalus montis-hashtadi* (Fabaceae), a new species of A. sect. *Microphysa* from the Central Zagros, Iran, based on morphological and molecular evidence. -Phytotaxa 740(1): 97–106.
- Ghahremaninejad, F., **Maassoumi, A.A.** & Joharchi, M.R. 2026: *Oxytropis birjandica* (Fabaceae: Papilionoideae, Galegeae), a new species from Iran, South Khorassan Province. -Taxonomy and Biosystematics 18(66): 13–18.
- Maassoumi, A.A.** & Ramezani, A. 2025: A new species of *Astragalus* sect. *Malacothrix* from Northwestern Iran, with emendations on some species from other sections in Iran. -Taxonomy and Biosystematics 17(65): 39–46.
- Karbalaei, Z., Bagheri, A., **Maassoumi, A.A.**, Rutten, T. & Blattner, F.R. 2025: A new species of *Astragalus* (Fabaceae) from the Irano-Turanian biodiversity hotspot: an integrative approach. -Botanical Studies 66(1): 1–11.
- Alirezaei, Z., Ghahremaninejad, F. & **Maassoumi, A.A.** 2025: *Astragalus chorizanthus* (sect. *Dissitiflora* DC.), as a new record from NE Iran. -Iran. J. Bot. 31(2): 199–204.
- Avazzadeh, A., Bagheri, A., **Maassoumi, A.A.** & Harpke, D. & Blattner, F.R. 2025: Discovery of a new species of the genus *Astragalus* (Fabaceae) in the Zagros Oak forests: insights from morphological and molecular data. -Plant Biosystems 159(5): 1252–1260.
- Bagheri, A. & **Maassoumi, A.A.** & Kazempour-Osaloo, S. 2025: Resurrection of *Astragalus gorganicus* Sirj. & Rech. f. (Fabaceae). -Phytotaxa 732(2): 182–192.
- Bagheri, A., **Maassoumi, A.A.** & Blattner, F.R. 2025: Taxonomic reassessment of *Astragalus phanothrix* (Fabaceae): insights from morphological and molecular data. -Phytotaxa 689(2): 253–261.
- Zeraatkar, A., **Maassoumi, A.A.**, Nasab, F.K. & Shirmardi, H.A. 2024: *Astragalus boldajiensis* and *Astragalus Centro-zagrosicus* (Fabaceae), two new species from west of Iran. -Iran. J. Bot. 30(1): 28–34.
- Khan, A., Sultan, A., **Maassoumi, A.A.** & Mumtaz, A.S. 2024: *Astragalus quettensis* (Galegeae—Fabaceae), a new species of section *Pendulina* from Pakistan. -Phytotaxa 636(1): 1–19.

- Pourebahim, S., Kazempour-Osaloo, S. & **Maassoumi, A.A.** 2024: Contributions to *Astragalus* sect. *Dissitiflora* in the light of morphological and molecular evidence: a new species and a new resurrection. -*Phytotaxa* 668(3): 239–251.
- Folk, R.A., **Maassoumi, A.A.**, Siniscalchi, C.M., Kates, H.R., Soltis, D.E. & Soltis, P.S. 2024: Phylogenetic diversity and regionalization in the temperate arid zone. -*Journal of Systematics and Evolution* 62(6): 1201–1217.
- Zarre, S., Darzi, R., **Maassoumi, A.A.** & Kazempour-Osaloo, S. 2024: Seed morphology of *Astragalus* (Fabaceae, *Astragaleae*) and its systematic implication: an effort towards a standard terminology. -*Authorea Preprints*. <https://doi.org/10.22541/au.171033028.89871498/v1>
- Bagheri, A., **Maassoumi, A.A.**, Brassac, J. & Blattner, F.R. 2023: Dated Phylogeny of *Astragalus* Section *Stereothrix* (Fabaceae) and allied taxa in the Hypoglottis Clade. -*Biology* 12(1): 138.
- Maassoumi, A.A.** & Nasab, F.K. 2023: Richness and endemism centers of the mega genus *Astragalus* (Fabaceae) in Iran. -*Collectanea Botanica* 42: e001.
- Maassoumi, A.A.**, Ashouri, P. & Khajoei Nasab, F. 2022: An overview of the evolution of the genus *Astragalus* (Fabaceae) in the Old World. -*Taxonomy and Biosystematics* 14(50): 1–24.
- Bagheri, A., **Maassoumi, A.A.**, Noroozi, J. & Blattner, F.R. 2022: *Astragalus* sect. *Elvendia* (Fabaceae), a new tragacanthic section recorded from Mt. Alvand, a center of endemism in W Iran. -*Plant Biosystems* 156(5): 1260–1268.
- Mahmoodi, M., Ghahremaninejad, F. & **Maassoumi, A.A.** 2022: Diversity of vascular plants in Damirli Mountains (Zanjan Province, NW of Iran). -*Rostaniha* 23(Supplement 1): 1-131.
- Amini, E., Kazempour-Osaloo, S., **Maassoumi, A.A.** & Zare-Maivan, H. 2022: Exploring the tempo of species diversification in *Astragalus* section *Incani* DC. based on nuclear and plastid DNA sequences. -*Genetika* 54(3): 1271–1284.
- Coulot, P., Rabaute, P. & **Maassoumi, A.A.** 2022: Knowledge of the genus *Astragalus*; 3-The *Caprini* DC. section. - *Carnets botaniques*.
- Maassoumi, A.A.** & Ashouri, P. 2022: The hotspots and conservation gaps of the mega genus *Astragalus* (Fabaceae) in the Old-World. -*Biodiversity and Conservation* 31(8): 2119–2139.
- Sinjushin, A., Ploshinskaya, M., **Maassoumi, A.A.**, Mahmoodi, M. & Bagheri, A. 2022: Variations in Structure among Androecia and Floral Nectaries in the Inverted Repeat-Lacking Clade (Leguminosae: Papilionoideae). - *Plants* 11(5): 649.
- Mehrnia, M. & **Maassoumi, A.A.** 2021: A new species of the genus *Astragalus* from Iran. -*Iran. J. Bot.* 27(1): 1–4.
- Coulot, P., Rabaute, P. & **Maassoumi, A.A.** 2021: Knowledge of the genus *Astragalus*; 2-The *Incani* DC. section. - *Carnets botaniques*.
- Khalili, Z., Ghalehnoyi, S., **Maassoumi, A.A.** & Kazempour-Osaloo, S. 2021: Phylogenetic relationships, biogeography and taxonomic delimitation of *Astragalus* sect. *Acanthophaea* (Fabaceae) using cpDNA and nrDNA ITS sequences. -*Plant Biosystems* 155(2): 291-301.
- Akhavan Roofgar, A. & **Maassoumi, A.A.** 2020: A new species of *Astragalus* section *Dissitiflora* (Fabaceae) from Iran; evidence from morphological and molecular data. -*Iran. J. Bot.* 26(1): 06-15.
- Maassoumi, A.A.**, Mahmoodi, M. & Bagheri, A. 2020: *Astragalus* sect. *Irania* (Fabaceae): A new monotypic section from Iran. -*Iran. J. Bot.* 26(2): 100–110.
- Amini, E., Kazempour-Osaloo, S., Nasrollahi, F. & **Maassoumi, A.A.** 2020: Morphological character evolution of *Astragalus* section *Incani* Dc. (Fabaceae) based on nuclear and plastid DNA sequences. -*Iran. J. Bot.* 26(1): 49–61.
- Khalili, Z., Kazempour-Osaloo, S. & **Maassoumi, A.A.** 2020: Phylogeny and morphological traits evolution of *Astragalus* sects. *Acanthophaea* and *Aegacantha* in Iran on the basis of nrDNA ITS and rpl32-trnLUAG sequences. -*Nova Biologica Reperta* 7(2): 228–241.
- Pahlevani, A.H., **Maassoumi, A.A.** & Kazempour-Osaloo, S. 2020: What is "*Astragalus wiesneri*"? Disentangling a new species from its relatives in the section "*Anthylloidei*". -*Anales del Jardín Botánico de Madrid* 77(2): 6.
- Bagheri, A., Mahmoodi, M., **Maassoumi, A.A.** & Blattner, F.R. 2019: A new species of *Astragalus* sect. *Hypoglottidei* (Fabaceae) from Iran. -*Iran. J. Bot.* 25(2): 95-102.
- Bagheri, A. & **Maassoumi, A.A.** 2019: *Astragalus blattneri* (Fabaceae), a new species from Iran. -*Annales Botanici Fennici* 56(4–6): 211–215.

- Amini, E., Kazempour-Osaloo, S., **Maassoumi, A.A.** & Zare-Maivan, H. 2019: Phylogeny, biogeography and divergence times of *Astragalus* section *Incani* DC. (Fabaceae) inferred from nrDNA ITS and plastid rpl32-trnL (UAG) sequences. -Nordic Journal of Botany 37(2): e02059.
- Bagheri, A., Roofifar, A.A., Abbasi, S., **Maassoumi, A.A.** & Rutten, T. 2019: Pollen morphology of *Astragalus* section *Hymenostegis* (Fabaceae) and evaluation of its systematic implications. -Grana 58(5): 328–336.
- Kaveh, A., Kazempour-Osaloo, S., Amirahmadi, A. & **Maassoumi, A.A.** 2019: Systematics of *Onobrychis* sect. *Heliobrychis* (Fabaceae). -Plant Systematics and Evolution 305(1): 33–48.
- Akhavan, A., Bagheri, A. & **Maassoumi, A.A.** 2019: Taxonomy of the Genus *Astragalus* L. (Fabaceae) in Isfahan Province. -Taxonomy and Biosystematics 11(39): 97–114.
- Bagheri, A., Mahmoodi, M. & **Maassoumi, A.A.** 2019: The distribution patterns of *Astragalus* sect. *Hypoglottidei* DC. (Fabaceae) in Iran. -Nova Biologica Reperta 6(3): 320–325.
- Maassoumi, A.A.** 2018: A new species and some additions to the genus *Oxytropis* DC. (Fabaceae) in Iran. -Feddes Repertorium 129(1): 38–42.
- Dastpak, A., Kazempour-Osaloo, S., **Maassoumi, A.A.** & Safar, K.N. 2018: Molecular phylogeny of *Astragalus* sect. *Ammodendron* (Fabaceae) inferred from the chloroplast ycf1 gene. -Annales Botanici Fennici 55(1–3): 75–82.
- Bagheri, A., **Maassoumi, A.A.** & Vitek, E. 2018: Correspondence. -Phytotaxa 350(3): 297–299.
- Bagheri, A., **Maassoumi, A.A.** & Vitek, E. 2018: Rediscovery of *Astragalus saganlugensis* (Fabaceae, Galegeae) in Iran after 184 years. -Phytotaxa 350(3): 297–299.
- Bidarlord, M., Ghahremaninejad, F. & **Maassoumi, A.A.** 2018: Taxonomic diversity of *Astragalus* L. in alpine and sub-alpine zones in Talesh Mountains, northwest Iran. -Modern Phytomorphology 12: 117–123.
- Sheikhakbari-Mehr, R. & **Maassoumi, A.A.** 2017: A note on *Astragalus* L. section *Caprini* DC. -Bangladesh Journal of Plant Taxonomy 24(2): 241–244.
- Maassoumi, A.A.** 2017: A review on the book of zoology and geology of Iran. -Iran Nature 2(4): 114–117.
- Zohdi, M. & **Maassoumi, A.A.** 2017: Biography of Engineer Javad Iranfar, the first director general of Rangeland Technical Office. -Iran Nature 2(5): 92–96.
- Maassoumi, A.A.** 2017: Color flora of Iran. -Iran Nature 2(5): 108–110.
- Hamzeh'ee, B., Attar, F., Assareh, M.H., **Maassoumi, A.A.** & Kazempour-Osaloo, S.K. 2017: Comparative micromorphological characteristics of lower surface of leaf epidermis and seed surface in two series of *Crataegus* L. (Rosaceae) and their taxonomical role. -Iran. J. Bot. 22(2): 126–137.
- Pourhashemi, M., Marvi Mohajer, M.R., Sagheb Talebi, K. & **Maassoumi, A.A.** 2017: Control of the decline of Zagros forests depends on the implementation of the action plan. -Iran Nature 2(2): 14–19.
- Mehrnia, M. & **Maassoumi, A.A.** 2017: Distribution of *Astragalus* spp. in Lorestan Province. -Taxonomy and Biosystematics 9(32): 65–78.
- Mahmoodi, M., Moazzeni, H., Bidarlord, M., Ghahremaninejad, F. & **Maassoumi, A.A.** 2017: *Erysimum damirliense* sp. nov. (Brassicaceae) from Iran. -Nordic Journal of Botany 35(1): 8–13.
- Maassoumi, A.A.** 2017: Iranian Scientists: Ahmad Parsa. -Iran Nature 2(3): 90–91.
- Bagheri, A., **Maassoumi, A.A.**, Rahiminejad, M.R., Brassac, J. & Blattner, F.R. 2017: Molecular phylogeny and divergence times of *Astragalus* section *Hymenostegis*: an analysis of a rapidly diversifying species group in Fabaceae. -Scientific Reports 7: 14033.
- Bagheri, A., Ghahremaninejad, F., **Maassoumi, A.A.** & Rahiminejad, M.R. 2017: Nine new species of the species-rich genus *Astragalus* (Leguminosae). -Novon 25(3): 266–281.
- Maassoumi, A.A.**, Mozaffarian, V., Moradi, A. & Bagheri, A. 2017: Three new species of *Astragalus* (Fabaceae) from Iran. -Iranian Journal of Botany 23(1): 1–5.
- Maassoumi, A.A.**, Kazempour-Osaloo, S. & Sotoodeh, A. 2017: A new infrageneric grouping of *Astragalus* (Fabaceae). -Iran. J. Bot. 22(2): 88–100.
- Mahmoodi, M., Zeraatkar, A., Ghahremaninejad, F. & **Maassoumi, A.A.** 2016: A new species of *Matthiola* (Brassicaceae, Anthonieae) from Iran. -Phytotaxa 261(2): 194.
- Bidarlord, M., Ghahremaninejad, F. & **Maassoumi, A.A.** 2016: A new species of the genus *Astragalus* (Leguminosae) from Northwest Iran. -Phytotaxa 252(4): 280.
- Norouzi, M., Ghahremaninejad, F., **Maassoumi, A.A.** & Safavi, S.R. 2016: Anatomical studies on *Scorzonera* (Asteraceae) species, subgenera *Podospermum* and *Pseudopodospermum* in Iran. -Modern Phytomorphology 9: 51–68.

- Bagheri, A., Rahiminejad, M.R., **Maassoumi, A.A.** & Blattner, F.R. 2016: Molecular phylogeny and morphological analysis support a new species and new synonymy in Iranian *Astragalus* (Leguminosae). -PLoS ONE 11(3): e0149726.
- Sheikhakbari-Mehr, R., **Maassoumi, A.A.** & Kazempour-Osaloo, S.K. 2016: Molecular systematics of some bifurcate hairy sections in *Astragalus* L. (Fabaceae) as inferred from nuclear and chloroplast DNA sequences. -Bangladesh Journal of Plant Taxonomy 23(2): 223–235.
- Amirahmadi, A., Kazempour-Osaloo, S., Kaveh, A., **Maassoumi, A.A.** & Naderi, R. 2016: The phylogeny and new classification of the genus *Onobrychis* (Fabaceae-Hedysareae): evidence from molecular data. -Plant Systematics and Evolution 302(10): 1445–1456.
- Maassoumi, A.A.** 2016: The role of *Astragalus* in ecosystem equilibrium. -Iran Nature 1(1): 41–47.
- Mahmoodi, M., Ghahremaninejad, F. & **Maassoumi, A.A.** 2015: A new record of the genus *Myosotis* (Boraginaceae) for the flora of Iran: rediscovery of a rare plant. -Iran. J. Bot. 21(1): 43–46.
- Moradi, A., **Maassoumi, A.A.**, Afsharzadeh, S. & Mozaffarian, V.L. 2015: A new species of *Oxytropis* (Fabaceae) and a new record of *Androsace* (Primulaceae) from North Iran. -Iran. J. Bot. 21(1): 19–23.
- Haj Rasouliha, S., **Maassoumi, A.A.**, Nejad Satari, T. & Hamdi, M.M. 2015: A review of the genus *Hyoscyamus* (Solanaceae) in Iran. -Taxonomy and Biosystematics 7(25): 83–94.
- Maassoumi, A.A.**, Mozaffarian, V., Ramezani, A. 2015: A short survey on the genus *Astragalus* of Bozghoush Mountain. -Iran. J. Bot. 21(2): 94–100.
- Bagheri, A., Erkul, S.K., **Maassoumi, A.A.** & Rahiminejad, M.R. 2015: *Astragalus trifoliatrum* (Fabaceae), a revived species for the flora of Turkey. -Nordic Journal of Botany 33(5): 532–539.
- Tavakkoli, S., Kazempour-Osaloo, S., Mozaffarian, V. & **Maassoumi, A.A.** 2015: Molecular phylogeny of *Atraphaxis* and woody *Polygonum* species (Polygonaceae): taxonomic implications based on molecular and morphological evidence. -Plant Systematics and Evolution 301(4): 1157–1170.
- Maassoumi, A.A.** 2015: New names and new synonyms of *Astragalus* species. -Iran. J. Bot. 21(2): 123–125.
- Erkul, S.K., Bagheri, A., **Maassoumi, A.A.** & Rahiminejad, M.R. 2015: Notes on *Astragalus* sect. *Hymenostegis* (Fabaceae) from Turkey. -Turkish Journal of Botany 39(1): 205–207.
- Maassoumi, A.A.** & Ranjbar Mobarakeh, M. 2015: Notes on the genus *Astragalus* sect. *Alopecuroidei* DC. in Iran. -Iran. J. Bot. 7(1): 39–44.
- Sinjushin, A.A., Bagheri, A., **Maassoumi, A.A.** & Rahiminejad, M.R. 2015: Terata of two legume species with radialized corolla: some correlations in floral symmetry. -Plant Systematics and Evolution 301(10): 2387–2397.
- Mahmoodi, M., Ghahremaninejad, F. & **Maassoumi, A.A.** 2015: Validation of the names of four Iranian plant taxa. -Phytotaxa 227(1): 99.
- Hajrasouliha, S., **Maassoumi, A.A.**, Taher, N.S.S.M. & Hamdi, M.M. 2014: A phylogenetic analysis of *Hyoscyamus* L. (Solanaceae) species from Iran based on ITS and trnL-F sequence data. -Journal of Biological and Environmental Sciences 5(1): 647–654.
- Bagheri, A., Rahiminejad, M.R. & **Maassoumi, A.A.** 2014: A new species of the genus *Astragalus* (Leguminosae-Papilionoideae) from Iran. -Phytotaxa 178(1): 38–42.
- Shahla, S., **Maassoumi, A.A.**, Hamdi, S.M.M., Mehregan, I. & Nejadstattari, T. 2014: Fruit morphology of the genus *Rumex* L. (Polygonaceae) in Iran. -Biodiversity and Environment Science Journal 5(1): 655–663.
- Amirahmadi, A., Kazempour-Osaloo, S., Moein, F., Kaveh, A. & **Maassoumi, A.A.** 2014: Molecular systematics of the tribe *Hedysareae* (Fabaceae) based on nrDNA ITS and plastid trnL-F and matK sequences. -Plant Systematics and Evolution 300(4): 729–747.
- Borjian, A., Assadi, M., Deylami, E. & Sadeghi, H. 2014: Morphology and cytology of *Amygdalus reticulata* (Rosaceae), an Iranian narrow endemic species. -Journal of Japanese Botany 89: 391–397.
- Naderi Safar, K., Kazempour Osaloo, S., **Maassoumi, A.A.** & Zarre, S. 2014: Re-assessment of subspecific taxa in *Astragalus* section *Anthylloidei* (Fabaceae) based on molecular evidence. -Progress in Biological Sciences 4(2): 219–234.
- Naderi Safar, K., Kazempour-Osaloo, S., Maassoumi, A.A. & Zarre, S. 2014: Molecular phylogeny of *Astragalus* section *Anthylloidei* (Fabaceae) inferred from nrDNA ITS and plastid rpl32-trnL (UAG) sequence data. -Turkish Journal of Botany 38(4): 637–652.
- Hamzeh'ee, B., Attar, F., Assareh, M.H., **Maassoumi, A.A.** & Kazempour Osaloo, S. 2014: Taxonomic notes on *Crataegus* ser. *Crataegus*, subser. *Erianthae* (Rosaceae), new species and record, using morphology and micromorphological evidence. -Nordic Journal of Botany 32(1): 26–37.

- Jalilian, N., Rahiminejad, M.R., **Maassoumi, A.A.** & Maroofi, H. 2014: Taxonomic revision of the genus *Vicia* L. (Fabaceae) in Iran. -Iran. J. Bot. 20 (2): 155-164.
- Maassoumi, A.A.** 2013: A contribution to the taxonomy of the genus *Oxytropis* (Fabaceae) in Iran. -Iran. J. Bot. 19 (1): 1-28.
- Mahmoodi, M., **Maassoumi, A.A.** & Noroozi, J. 2013: A new alpine species and a new record of *Astragalus* sect. *Stereothrix* (Fabaceae) from Iran, with comments on the phyto geography of the section. -Willdenowia 43(2): 263–270.
- Podlech, D., Zarre, S., Ekici, M., **Maassoumi, A.A.** & Sytin, A. 2013: A taxonomic revision of the genus *Astragalus* L. (Leguminosae) in the Old World.
- Bagheri, A., Rahiminejad, M.R. & **Maassoumi, A.A.** 2013: *Astragalus hakkianus*, a new species of *Astragalus* (Fabaceae) from N.W. Iran. -Feddes Repertorium 124(1): 46–49.
- Tavakkoli, S., Kazempour-Osaloo, S., Mozaffarian, V. & **Maassoumi, A.A.** 2013: *Atraphaxis radkanensis* (Polygonaceae), a new species from Iran. -Annales Botanici Fennici 50(6): 372–374.
- Maassoumi, A.A.**, Amini Rad, M., Bagheri, A., Maroofi, H. & Joharchi, M.R. 2013: Five new species of *Astragalus* sect. *Malacothrix* (Fabaceae) from Iran. -Rostaniha 14(1): 14–21.
- Dastpak, A., Kazempour-Osaloo, S., **Maassoumi, A.A.** & Amirahmadi, A. 2013: Phylogenetic analysis of *Astragalus* sect. *Ammodendron* (Fabaceae) based on nrDNA ITS and two cpDNAs, psbA-trnH and trnT-trnY sequences. -Biochemical Systematics and Ecology 50: 459–466.
- Tavakkoli, S., Kazempour-Osaloo, S., Mozaffarian, V. & **Maassoumi, A.A.** 2013: The phylogeny of tribe *Rumiceae* (Polygonaceae) based on nuclear ribosomal DNA ITS sequences. -National Congress on Medicinal Plants. SID. <https://sid.ir/paper/943704/en>
- Amirabadi-zadeh, H., Hossieni Bamrou, G.R. & **Maassoumi, A.A.** 2012: A new record of the genus *Calligonum* L. (Polygonaceae) from Iran. -Iran. J. Bot. 18(1): 84–85.
- Borjian, A., Nejdassattari, T., Assadi, M. & **Maassoumi, A.A.** 2012: Based on cytotaxonomical and morphological evidence, *Astragalus remotiflorus* subsp. *nigrohirsutus* is raised to species rank. -Iran. J. Bot. 18(1): 98–103.
- Khalili, Z., Mirzaie-Nodoushan, H., Ghahremaninejad, F. & **Maassoumi, A.A.** 2012: Chromosome number and meiosis behavior in several *Salix* species of Iran. -Caryologia 65(4): 258–262.
- Mahmoodi, M., **Maassoumi, A.A.** & Jalili, A. 2012: Distribution patterns of *Astragalus* in the Old World based on some selected sections. -Rostaniha 13(1): 39–56.
- Dehshiri, M.M., **Maassoumi, A.A.** & Zarrini, M. 2012: *Hedysarum garinense* sp. nov. (Fabaceae: Hedysareae) from Iran. -Nordic Journal of Botany 30(5): 522–525.
- Ghahremaninejad, F., Khalili, Z., **Maassoumi, A.A.** & Mirzaie-Nodoushan, H. 2012: Leaf epidermal features of *Salix* species (Salicaceae) and their systematic significance. -American Journal of Botany 99(4): 769–777.
- Javanmardi, F., Kazempour-Osaloo, S., **Maassoumi, A.A.** & Nejdassattari, T. 2012: Molecular phylogeny of *Astragalus* section *Alopecuroidei* (Fabaceae) and its allies based on nrDNA ITS and three cpDNAs. -Biochemical Systematics and Ecology 45: 171–178.
- Amirahmadi, A., Kazempour-Osaloo, S. & **Maassoumi, A.A.** 2012: Molecular phylogeny of *Onobrychis* sect. *Onobrychis* (Hedysareae-Fabaceae) based on nrDNA ITS sequences. Iranian Conference on Bioinformatics. SID. <https://sid.ir/paper/939119/en>
- Sheikhakbari-Mehr, R., **Maassoumi, A.A.**, Saidi, A. & Kazempour-Osaloo, S. 2012: Morphological cladistic analysis of some bifurcate hairy sections of *Astragalus* (Fabaceae) in Iran. -Turkish Journal of Botany 36(5): 434–442.
- Babayi, F., Pakravan, M., **Maassoumi, A.A.** & Tavasoli, A. 2012: Palynological study of *Salix* L. (Salicaceae) in Iran. -Iran. J. Bot. 18(1): 118–126.
- Saidi, A., Sheikh Akbari Mehr, R., Kazempour Osaloo, S. & **Maassoumi, A.A.** 2012: Phylogenetic study of some bifurcate hairy sections belonging to *Astragalus* L. with emphasis on sect. *Ornithopodium*, based on morphological and molecular data in Iran. -Taxonomy and Biosystematics 4(10): 27–40.
- Maassoumi, A.A.** & Ghorbani Nohooji, M. 2012: Phylogeny of *Astragalus* L. sect. *Hololeuce* Bunge and related species based on morphological characters in Iran. -Taxonomy and Biosystematics 4(12): 43–52.
- Javanmardi, F., Kazempour-Osaloo, S. & **Maassoumi, A.A.** 2012: Phylogeny of *Astragalus* sect. *Alopecuroidei* based on the combined nrDNA ITS and morphology. -Rostaniha 13(243): 115–125.
- Sheikh Akbari Mehr, R., Saidi, A., Kazempour-Osaloo, S. & **Maassoumi, A.A.** 2012: Phylogeny of *Astragalus* section *Dissitiflora* based on nrDNA ITS and morphological data in Iran. -Iran. J. Bot. 18(1): 1–9.

- Ghorbani Nohooji, M., Saidi, A., **Maassoumi, A.A.** & Kazempour-Osaloo, S. 2012: Phylogeny of Iranian *Astragalus* sect. *Onobrychoidei* DC. (Fabaceae) based on nuclear ribosomal DNA ITS sequences and morphological data. -Iran. J. Bot. 18(2): 239–248.
- Naderi, S.K., Kazempour-Osaloo, S. & **Maassoumi, A.A.** 2012: Reconstructing the phylogenetic relationships of the section *Anthylloidei* from spiny *Astragalus* (Fabaceae) using phylogenetic software. -Iranian Conference on Bioinformatics. SID. <https://sid.ir/paper/939096/en>
- Tavakkoli, S., Kazempour-Osaloo, S. & Mozaffarian, V. & **Maassoumi, A.A.** 2012: The phylogeny of *Polygonum* (Polygonaceae) based on chloroplast matK gene. -Iranian Conference on Bioinformatics. SID. <https://sid.ir/paper/939397/en>
- Ghahremaninejad, F., Bagheri, A. & **Maassoumi, A.A.** 2012: Two new species of *Astragalus* L. sect. *Incani* DC. (Fabaceae) from Zanjan province (Iran). -Adansonia 34(1): 59–65.
- Dehshiri, M.M., Mostafavi, H. & **Maassoumi, A.A.** 2012: What is *Astragalus leucargyreus* Bornm. and where is its systematic position. -Iran. J. Bot. 18(1): 67–75.
- Akrami, S., Mozaffarian, V., **Maassoumi, A.A.** & Nejdassattari, T. 2011: A new species of *Hedysarum* (Fabaceae) and a new record of *Anemone* (Ranunculaceae) from NW Iran. -Iranian Journal of Botany 17: 20–23.
- Maassoumi, A.A.** 2011: A revision of the genus *Calligonum* L. (Polygonaceae) in Iran. -Iran. J. Bot. 17 (1): 43–54.
- Bagheri, A., **Maassoumi, A.A.** & Ghahremaninejad, F. 2011: A taxonomic revision of the genus *Astragalus* L. (Fabaceae) in Zanjan province, Iran and describing a new species. -Taxonomy and Biosystematics 3(8): 7–16.
- Bagheri, A., **Maassoumi, A.A.** & Ghahremaninejad, F. 2011: Additions to *Astragalus* sect. *Hymenostegis* (Fabaceae) in Iran. -Iran. J. Bot. 17(1): 15–19.
- Rajaei, P., Mozaffarian, V., Nejad Sattari, T. & **Maassoumi, A.A.** 2011: Alpine flora of Hezar mountain (SE Iran). -Rostaniha 12(2): 111–127.
- Dashtpak, A., **Maassoumi, A.A.**, Kazempour Osaloo, S. & Nejdassattari, T. 2011: *Astragalus ghamishluensis* (Fabaceae), a new species of sect. *Ammodendron* from Iran. -Iran. J. Bot. 17(2): 175–177.
- Rajaei, P., Nejad Sattari, T., **Maassoumi, A.A.**, Mozaffarian, V. & Sonboli, A. 2011: Micromorphology of glandular hairs, biological activity and composition of essential oil of *Tanacetum fisherae* (Asteraceae-Anthemideae) from Iran. -Natural Product Communications 6(2): 259–262.
- Abdollahzadeh, A., Kazempour Osaloo, S. & **Maassoumi, A.A.** 2011: Molecular phylogeny of the genus *Salix* (Salicaceae) with emphasis on its species in Iran. -Iran. J. Bot. 17: 244–253.
- Kamrani, A., Jalili, A., Naqinezhad, A., Attar, F. & **Maassoumi, A.A.** 2011: Relationships between environmental variables and vegetation across mountain wetland sites, N. Iran. -Biologia 66(1): 76–87.
- Oskoueiyan, R., Nejdassattari, T., Kazempour Osaloo, S. & **Maassoumi, A.A.** 2011: Style micromorphology in the tribe *Fabeae* (Fabaceae) with emphasis on *Lathyrus* in Iran and Turkey. -Iran. J. Bot. 17: 81–87.
- Jafari, A. & **Maassoumi, A.A.** 2011: Synopsis of *Leopoldia*, *Muscari* and *Pseudomuscari* (Hyacinthaceae) in Iran, with *Leopoldia ghoushtchiensis* sp. nov. -Annales Botanici Fennici 48(5): 396–400.
- Riahi, M., Zarre, S., **Maassoumi, A.A.** & Kazempour Osaloo, S. 2011: Towards a phylogeny for *Astragalus* section *Caprini* (Fabaceae) based on nuclear and plastid DNA sequences. -Plant Systematics and Evolution 293(1): 119–133.
- Larti, M., Gasempoor, S. & **Maassoumi, A.A.** 2011: Trees and shrubs in Marmisho area in West Azarbaijan. -Iranian Journal of Biology 24(1): 104–109.
- Riahi, M., Zarre, S., Attar, F. & Kazempour Osaloo, S. 2010: An inexpensive and rapid method for extracting papilionoid genomic DNA from herbarium specimens. -Genetics and Molecular Research 9(3): 1334–1342.
- Zarin, P., Ghahremaninejad, F. & **Maassoumi, A.A.** 2010: Comparative anatomy and pollen features of *Amblyocarpum* and *Carpesium* (Asteraceae: *Inuleae*) in Iran. -Iran. J. Bot. 16: 49–53.
- Maassoumi, A.A.**, Bagheri, A. & Ghahremaninejad, F. 2010: Description of *Astragalus barnasariformis* sp. nov. from Iran. -Rostaniha 12(2): 177–180.
- Khalili, Z., **Maassoumi, A.A.**, Ghahremaninejad, F. & Mirzaie, N.H. 2010: Foliar anatomy of some *Salix* species (Salicaceae) in Iran. -Iran. J. Bot. 16: 293–302.
- Amirahmadi, A., Kazempour Osaloo, S. & **Maassoumi, A.A.** 2010: Loss of chloroplast trnLUA intron in two species of *Hedysarum* (Fabaceae): evolutionary implications. -Iranian Journal of Biotechnology 8(3): 150–155.
- Kazemi, M., Kazempour Osaloo, S. & **Maassoumi, A.A.** 2010: Patterns of homoplasy based on selected morphological characters in *Astragalus* s. str. (Fabaceae). -Journal of Science, University of Tehran 36(2): 9–20.

- Oskouian, R., Kazempour Osaloo, S.K. & **Maassoumi, A.A.** 2010: Phylogenetic status of *Vavilovia formosa* (Fabaceae-Fabeae) based on nrDNA ITS and cpDNA sequences. -Biochemical Systematics and Ecology 38(3): 313–319.
- Rouhizadeh, G., **Maassoumi, A.A.** & Dehshiri, M. 2010: Study of Fabaceae in south of Ramhormoz. -Iranian Journal of Biological Sciences 5(2): 63–69.
- Zarin, P., Ghahremaninejad, F. & **Maassoumi, A.A.** 2010: Systematics of genera *Pulicaria* and *Platycheteae* from tribe *Inuleae* s.str. (Asteraceae) in Iran. -Taxonomy and Biosystematics 2(1): 27–44.
- Nasseh, Y., Joharchi, M.R. & **Maassoumi, A.A.** 2010: Two new species of *Astragalus* sect. *Ammodendron* (Fabaceae) from Iran. -Iran. J. Bot. 16: 221–224.
- Jalilian, N., Rahiminejad, M.R., Saeidi, H. & **Maassoumi, A.A.** 2010: *Vicia kurdica* (Papilionaceae), a new species from Iran. -Feddes Repertorium 121(1–2): 81–84.
- Zarre, S., **Maassoumi, A.A.** & Podlech, D. 2009: A contribution to *Astragalus* sect. *Campylanthus* (Fabaceae) in Iran: two new species and a diagnostic key. -Novon 19(1): 135–140.
- Maassoumi, A.A.** & Batooli, H. 2009: A new species of the genus *Calligonum* L. (Polygonaceae) from Iran. -Iran. J. Bot. 15(2): 153–153.
- Valadbeigi, T., Lumbsch, H.T., Sipman, H.J.M., Riahi, H. & **Maassoumi, A.A.** 2009: Additions to our knowledge of lichens and lichenicolous fungi in Iran. -Mycotaxon 110(1): 455–458.
- Souzani, M., Zarre, S. & **Maassoumi, A.A.** 2009: *Astragalus ghouchanensis* (Fabaceae), a new species from Iran. -Annales Botanici Fennici 588–590.
- Ghahremaninejad, F. & **Maassoumi, A.A.** 2009: *Astragalus neo-assadabadensis* nom. n. for *A. assadabadensis* (Fabaceae). -Annalen des Naturhistorischen Museums in Wien. Serie B für Botanik.
- Maassoumi, A.A.** 2009: Experimental taxonomy of the genus *Salix* L. (Salicaceae) in Iran. -Iran. J. Bot. 15(1): 3–20.
- Naqinezhad, A., Jalili, A., Attar, F., Ghahreman, A. & **Maassoumi, A.A.** 2009: Floristic characteristics of wetland sites on dry southern slopes of Alborz Mts., N. Iran. -Flora 204(4): 254–269.
- Mahmoodi, M., **Maassoumi, A.A.** & Hamzeh'ee, B. 2009: Geographic distribution of *Astragalus* in Iran. -Rostaniha 10(1): 112–132.
- Zarei, G., Assadi, M. & **Maassoumi, A.A.** 2009: Introduction to flora, life form and plant geography of Abarkooh Playa. -Pajohesh & Sazandegi 81: 28–38.
- Hamdi, S.M.M., Assadi, M. & **Maassoumi, A.A.** 2009: *Linaria khalkhalensis* (Scrophulariaceae), a new species from Iran. -Kew Bulletin 64(2): 339–344.
- Kazemi, M., Kazempour Osaloo, S., **Maassoumi, A.A.** & Rastegar Pouyani, E. 2009: Molecular phylogeny of selected Old World *Astragalus* (Fabaceae): incongruence among chloroplast trnL-F, ndhF and nuclear ribosomal DNA ITS sequences. -Nordic Journal of Botany 27(5): 425–436.
- Jafari, A., **Maassoumi, A.A.** & Bemani, M. 2008: A Biosystematical Investigation on *Muscari* species in Iran. -Asian Journal of Plant Sciences 7(2): 228–232.
- Jafari, A. & **Maassoumi, A.A.** 2008: A new species of *Bellevalia* from Iran. -Edinburgh Journal of Botany 65(3): 469–473.
- Hamdi, S.M.M., Asadi, M. & **Maassoumi, A.A.** 2008: A new species of *Linaria* from Iran. -Iran. J. Bot. 14: 16–22.
- Jafari, A., **Maassoumi, A.A.** & Farsi, M. 2008: Karyological study on *Bellevalia* and *Muscari* species of Iran. -Asian Journal of Plant Sciences 7(2): 228–232.
- Hamdi, S.M.M., Assadi, M., **Maassoumi, A.A.**, Attar, F. & Joharchi, M.R. 2008: *Linaria kavirensis* (Scrophulariaceae), a new species from Iran. -Annales Botanici Fennici 45(1): 74–79.
- Kazempour Osaloo, S. & Tavakkoli, S. & **Maassoumi, A.A.** 2008: Morphological cladistic analysis of *Calligonum* and *Pteropyrum* (Polygonaceae) in Iran. -Iran. J. Bot. 14(2): 117–125.
- Maassoumi, A.A.**, Moeini, F. & Rahiminezhad, M.R. 2008: New species and records of *Salix* (Salicaceae) from Iran. -Iran. J. Bot. 14: 1–6.
- Shahla, S., Rajamand, M.A. & **Maassoumi, A.A.** 2008: *Cyanolichens* in Shahrestanak Division, Central Alborz. -Research Journal of Biological Sciences 3: 418–420.
- Shahla, S., **Maassoumi, A.A.** & Rajamand, M.A. 2008: Identification and distribution of *Cyanolichens* in Iran. -Research Journal of Biological Sciences 3(3): 290–293.
- Naqinezhad, A., Jalili, A., Attar, F., Ghahreman, A. & **Maassoumi, A.A.** 2008: Two new records from wetland habitats of Alborz Mts. -Turkish Journal of Botany 32(3): 249–253.
- Hamdi, S.M.M., Assadi, M. & **Maassoumi, A.A.** 2008: Two new species of *Linaria* from Iran. -Botanical Journal of the Linnean Society 158(4): 734–742.

- Taeb, F., Zarre, S., Podlech, D., Tillich, H.J., Kazempour Osaloo, S. & **Maassoumi, A.A.** 2007: A contribution to phylogeny of annual *Astragalus* (Fabaceae) in the Old World using hair micromorphology and other morphological characters. -Feddes Repertorium 118(5-6): 206-227.
- Ahangarian, S., Kazempour Osaloo, S. & **Maassoumi, A.A.** 2007: Molecular phylogeny of tribe *Hedysareae* with special reference to *Onobrychis*. -Iran. J. Bot. 13: 64-74.
- Ghanavati, F., Mozaffari, J. & **Maassoumi, A.A.** 2007: Pollen morphology of *Medicago* species in Iran. -Iranian Journal of Crop Sciences 9(2): 184-199.
- Maassoumi, A.A.** & Mozaffarian, V. 2007: New isolated species of *Astragalus* from Ilam, Iran. -Iran. J. Bot. 13(2): 87-88.
- Ranjbar, M., **Maassoumi, A.A.** & Karamian, R. 2007: Notes on *Astragalus* sect. *Ammodendron* in Iran. -Iran. J. Bot. 13: 82-86.
- Ranjbar, M., Rahiminejad, M.R. & **Maassoumi, A.A.** 2007: Notes on short-stemmed *Astragalus* sect. *Onobrychoidei* in Iran. -Willdenowia 37(1): 305-312.
- Oskouian, R., Kazempour Osaloo, S. & **Maassoumi, A.A.** 2007: Pollen morphology of *Astragalus* sect. *Malacothrix* and allies. -Journal of Science (University of Tehran) 32: 177-181.
- Dehshiri, M.M., Nejadstari, T., Falahian, F., Asadi, M. & **Maassoumi, A.A.** 2007: The study of Fabaceae diversity in Aquiferous Basin Velayat Rud. -Journal of Sciences (Islamic Azad University) 62(1): 35-43.
- Maassoumi, A.A.** 2007: Two new species of *Astragalus* from Iran. -Iran. J. Bot. 13(2): 78-81.
- Maassoumi, A.A.** & Maroofi, H. 2006: A new species of *Astragalus* sect. *Hymenostegis* from Kurdistan, Iran. -
- Maassoumi, A.A.** & Mirtadzadini, M. 2006: *Astragalus hotkanensis*, a new species from Iran. -Iran. J. Bot. 12(1): 90-92.
- Ahmadi, A., Shahmoradi, A.A., Qaemi, M.T., Hesari, B. & **Maassoumi, A.A.** 2006: Autecological studies of *Astragalus effusus* in West Azerbaijan. -Iranian Journal of Range and Desert Research: 16(2): 200-208.
- Kazempour Osaloo, S., Kazemi, N.M. & **Maassoumi, A.A.** 2006: Phylogenetic status of *Oreophysa microphylla* based on ITS and cpDNA. -Rostaniha 7: 177-188.
- Maassoumi, A.A.** & Mozaffarian, V. 2006: Preliminary survey on the genus *Astragalus* in Ilam Province (Iran) with a new species from *Ornithodium*. -Rostaniha 7 (Suppl. 2): 153-164.
- Maassoumi, A.A.** & Kazempour Osaloo, S. 2006: Three new species of *Astragalus* sect. *Incarni* from Iran. -Iranian Journal of Botany 11: 137-142.
- Hamdi, S.M.M., Assadi, M., Joharchi, M.R. & **Maassoumi, A.A.** 2006: Two new records of *Linaria* from Iran. -Iran. J. Bot. 12(2): 189-192.
- Hamdi, S.M.M., Assadi, M., Falahian, F. & **Maassoumi, A.A.** 2005: A new species of *Linaria* from Iran. -Iran. J. Bot. 11(1): 79-83.
- Jafari, A., Falahian, F. & **Maassoumi, A.A.** 2005: Anatomical and palynological research on *Muscari* species in Iran. -Pajouhesh va Sazandegi 66: 31-38.
- Keshavarzi, M. & **Maassoumi, A.A.** 2005: Anatomical studies of *Aegilops* species of Iran. -Iranian Journal of Biology 18(3): 237-248.
- Maassoumi, A.A.** & Dehshiri, M.M. 2005: *Astragalus kabutarlanensis*, a new species from Lorestan. -Iran. J. Bot. 11(2): 193-195.
- Moniry, M.H., Fallahian, F. & **Maassoumi, A.A.** 2005: Lichens from Khorasan Province, Iran. -Folia Cryptogamica Estonica 41: 55-57.
- Hamdi, S.M.M., Fallahian, F., Assadi, M. & **Maassoumi, A.A.** 2005: *Linaria khorasanensis*, a new species from Iran. -Willdenowia 35(2): 299-304.
- Fallahian, F., Hamdi, S.M.M., Assadi, M. & **Maassoumi, A.A.** 2005: *Linaria mazandaranensis* and *L. golestanensis*, two new species from Iran. -Iran. J. Bot. 11(2): 251-258.
- Kazempour Osaloo, S. & **Maassoumi, A.A.** 2005: Molecular systematics of Old World *Astragalus*. -Brittonia 57(4): 367-381.
- Maassoumi, A.A.** 2005: Some interesting new species of *Astragalus* in Iran. -Iranian Journal of Botany 11(1): 101-109.
- Maassoumi, A.A.**, Safavi, S.R., Alizadeh, B., Joharchi, M.R. & Amirabadizadeh, H. 2005: New records of *Astragalus* from Iran. -Iran. J. Bot. 11(1): 111-113.
- Seaward, M.R.D., Sipman, H.J.M., Schultz, M. & **Maassoumi, A.A.** 2004: Preliminary lichen checklist for Iran. -Willdenowia 34(2): 543-576.

- Ghanavati, F., Mozafari, J. & **Maassoumi, A.A.** 2004: Relationship between the ploidy level and chloroplast number in stomatal guard cells of *Medicago* sp. -Seed and Plant Journal 20(1): 117-127.
- Maassoumi, A.A.** & Hamzehee, B. 2003: A remarkable new *Astragalus* from Kermanshah. -Iran. J. Bot. 10(1): 59–61.
- Osaloo, S.K., **Maassoumi, A.A.** & Murakami, N. 2003: Molecular systematics of *Astragalus* based on ITS and ndhF. -Plant Systematics and Evolution 242(1): 1–32.
- Podlech, D. & **Maassoumi, A.A.** 2003: New species of *Astragalus* L. (Fabaceae) from Iran, mainly of sects. *Incani* and *Malacothrix*. -Fedd. Repert. 114(5-6): 320-349.
- Zareei, G.H., Falahian, F., Asadi, M. & **Maassoumi, A.A.** 2003: Karyological study of *Salsola abarghuensis*. -Pajohesh & Sazandegi 16(1): 63–65.
- Niknam, V., Ebrahimzadeh, H. & **Maassoumi, A.A.** 2003: Toxic nitro compounds in *Astragalus* species. -Biochemical Systematics and Ecology 31(6): 557–562.
- Maassoumi, A.A.** & Podlech, D. 2002: A new species of *Astragalus* sect. *Caprini* from Iran. -Iran. J. Bot. 9(2): 203–205.
- Ranjbar, M. & **Maassoumi, A.A.** 2002: *Astragalus* sect. *Alopecuroidei* in Iran. -Willdenowia 32(1): 85–91.
- Ghahreman, A., **Maassoumi, A.A.** & Ghahremani-Nejad, F. 2002: *Astragalus tuyehensis*, a new species from Iran. -Novon 47–49.
- Pimenov, M.G. & **Maassoumi, A.A.** 2002: *Mozaffariania*, a new genus of Umbelliferae from Iran. -Bot. Zhurn. 87(11): 95–101.
- Maassoumi, A.A.** 2002: Noteworthy *Astragalus* sect. *Caprini* from Iran. -Iran. J. Bot. 9(2): 121–125.
- Maassoumi, A.A.**, Safavi, H. & Nasseh, Y. 2001: A new *Astragalus* sect. *Caprini* from Khorassan. -Iran. J. Bot. 9(1): 63–64.
- Maassoumi, A.A.** & Vakili Shahrehabaki, S.M.A. 2001: New *Astragalus* from Iran. -Iran. J. Bot. 9(1): 69–70.
- Podlech, D. & **Maassoumi, A.A.** 2001: New species of *Astragalus* L. sect. *Hymenostegis* (Fabaceae) from Iran. -Sendtnera 7: 203-209.
- Ebrahimzadeh, H., Niknam, V. & **Maassoumi, A.A.** 2001: Sterols of *Astragalus* species from Iran. -Biochemical Systematics and Ecology 29(4): 393–404.
- Ebrahimzadeh, H., Niknam, V. & **Maassoumi, A.A.** 2000: Nitro compounds in *Astragalus* species from Iran. -Iran. J. Bot. 8(2): 213–222.
- Maassoumi, A.A.**, Ghahremani-Nejad, F. & Ghahreman, A. 2000: *Astragalus moussavii* (Fabaceae), a new species of *Astragalus* sect. *Xiphidium* from Iran, with supplementary notes on the section. -Nord. J. Bot. 20: 353-356.
- Maassoumi, A.A.** 2000: Notes on *Astragalus* subgenus *Tragacantha* in Iran. -Iran. J. Bot. 8(2): 309–326.
- Ebrahimzadeh, H., Niknam, V. & **Maassoumi, A.A.** 2000: Mucilage content and sugars in *Astragalus* species from Iran. -Pakistan Journal of Botany 32(1): 131-140.
- Ebrahimzadeh, H., Niknam, V. & **Maassoumi, A.A.** 1999: Nitro compounds in *Astragalus* species from Iran. -Iran. J. Bot. 8(1): 63–80.
- Maassoumi, A.A.**, Ghahreman, A., Ghahremani-Nejad, F. & Matin, F. 1999: *Astragalus gigantirostratus*, a new species from N Iran. -Willdenowia 29(1–2): 221–225.
- Maassoumi, A.A.** & Gharmani-Nejad, F. 1999: Interesting *Astragalus* sect. *Hymenostegis* in Iran. -Iran. J. Bot. 8(1): 35–41.
- Ebrahimzadeh, H., Niknam, V. & **Maassoumi, A.A.** 1999: Nitro compounds in *Astragalus* species. -Biochemical Systematics and Ecology 27(7): 743–751.
- Khosravi, A.R. & **Maassoumi, A.A.** 1998: Cytotaxonomy of Cruciferae from Iran. -Iranian Journal of Botany 7(2): 193–206.
- Maassoumi, A.A.** 1998: New findings on *Astragalus* in Iran. -Iran. J. Bot. 7(2): 221–226.
- Ranjbar, M. & **Maassoumi, A.A.** 1998: New *Astragalus* species and records from Iran. -Iran. J. Bot. 7(2): 235–238.
- Maassoumi, A.A.** & Ranjbar, M. 1998: Revision of *Astragalus* sect. *Leucocercis* in Iran. -Iranian Journal of Botany 7(2): 239–248.
- Ghahreman, A., **Maassoumi, A.A.** & Mozaffarian, V. 1996: Notes on *Astragalus* sect. *Xiphidium* in Iran. -Iranian Journal of Botany 7: 45–50.
- Pakravan, M., Nasseh, Y. & **Maassoumi, A.A.** 1994: A new species of *Astragalus* sect. *Caraganella* (Papilionaceae) from Iran. -Iran. Journ. Bot. 6(2): 257-259.
- Maassoumi, A.A.** 1994: Additions to *Astragalus* in Iran. -Iran. J. Bot. 6(2): 197–214.

- Maassoumi, A.A.** & Ranjbar Mobarakeh, M. 1994: Two new *Astragalus* species from Iran. -Iran. J. Bot. 6(2): 251–254.
- Maassoumi, A.A.** 1993: Geographic study of *Astragalus* in Iran (Part 1). -Iran. J. Bot. 6(1): 1–136.
- Maassoumi, A.A.** 1993: Revision of *Astragalus* L. sect. *Malacothrix* in Iran. -Sendtnera 1: 157-240.
- Maassoumi, A.A.** 1991: New *Astragalus* sect. *Malacothrix* Bunge (Leguminosae) in Iran. -Iran. J. Bot. 5(1): 9–15.
- Maassoumi, A.A.** 1990: New *Astragalus* sect. *Malacothrix* in Iran. -Mitt. Bot. Staatssamml. München 29: 503–508.
- Maassoumi, A.A.**, Ghahreman, A. & Mozaffarian, V. 1988: A new *Astragalus* sect. *Tricholobus* from Iran. -Iran. J. Bot. 4(1): 109–110.
- Maassoumi, A.A.** & Podlech, D. 1988: Eleven new *Astragalus* species and a new section from Iran. -Iran. J. Bot. 4(1): 71–90.
- Maassoumi, A.A.** 1988: Revision of *Astragalus* sect. *Hypoglottidei*. -Mitt. Bot. Staats.
- Podlech, D. & **Maassoumi, A.A.** 1987: Nine new taxa of *Astragalus* sect. *Caprini* from Iran. -Iran. J. Bot. 3(2): 95–110.
- Maassoumi, A.A.** 1987: Cytotaxonomic studies on *Astragalus* in Iran I. -Iran. J. Bot. 3(2): 117–128.
- Maassoumi, A.A.** 1987: New species and records of *Astragalus* in Iran II. -Iran. J. Bot. 3(2): 189–195.
- Maassoumi, A.A.** & Podlech, D. 1987: New *Astragalus* species and subspecies from Iran. -Bot. Jahrb. Syst. 109: 262–276.
- Maassoumi, A.A.** 1980: Cruciferes de la flore d'Iran. Etude caryosystematique. -Thesis, Strasbourg: 1-83.