Hossein Akhani

List of Publications by Year
in descending order

60	2,511	218381	214527
papers	citations	26 h-index	47 g-index

61	61	61	2235
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Plant diversity of Hyrcanian relict forests: An annotated checklist, chorology and threat categories of endemic and near endemic vascular plant species. Plant Diversity, 2022, 44, 39-69.	1.8	16
2	Molecular phylogenetics ofEuploca(Boraginaceae): homoplasy in many characters, including the C4 photosynthetic pathway. Botanical Journal of the Linnean Society, 2022, 199, 497-537.	0.8	3
3	Functional structure of plant communities along salinity gradients in Iranian salt marshes. Plant-Environment Interactions, 2022, 3, 16-27.	0.7	5
4	Pollen morphology of the subfamily Salicornioideae (Chenopodiaceae) in Eurasia and North Africa. Palynology, 2021, 45, 245-258.	0.7	11
5	Is Pteropyrum a pathway to C4 evolution in Polygonaceae? An integrative approach to the taxonomy and anatomy of Pteropyrum (C3), an immediate relative of Calligonum (C4). Botanical Journal of the Linnean Society, 2020, 192, 369-400.	0.8	11
6	A Review of C4 Plants in Southwest Asia: An Ecological, Geographical and Taxonomical Analysis of a Region With High Diversity of C4 Eudicots. Frontiers in Plant Science, 2020, 11, 546518.	1.7	27
7	Diversity, distribution, endemism and conservation status of Euphorbia (Euphorbiaceae) in SW Asia and adjacent countries. Plant Systematics and Evolution, 2020, 306, 1.	0.3	9
8	Pollen analysis of present-day striped hyena (Hyaena hyaena) scats from central Iran: Implications for dryland paleoecology and animal paleoethology. Review of Palaeobotany and Palynology, 2020, 281, 104277.	0.8	6
9	Vegetation patterns of a rapidly drying up salt lake ecosystem: Lake Urmia, NW Iran. Phytocoenologia, 2020, 50, 1-46.	1.2	18
10	The elemental composition of halophytes correlates with key morphological adaptations and taxonomic groups. Plant Physiology and Biochemistry, 2019, 141, 259-278.	2.8	40
11	A new species of Tamarix (Tamaricaceae) from Hormozgan Province, S Iran, supported by morphology and molecular phylogenetics. Willdenowia, 2019, 49, 127.	0.5	3
12	Ethnobotanical and ethnomedicinal studies in Baluchi tribes: A case study in Mt. Taftan, southeastern Iran. Journal of Ethnopharmacology, 2018, 217, 163-177.	2.0	47
13	Complementary endozoochorous seed dispersal by large mammals in the Golestan National Park, Iran. Seed Science Research, 2018, 28, 294-302.	0.8	13
14	A first inventory of gypsum flora in the Palearctic and Australia. Mediterranean Botany, 2018, 39, 35-49.	0.9	28
15	Salt tolerance mechanisms in three Irano-Turanian Brassicaceae halophytes relatives of Arabidopsis thaliana. Journal of Plant Research, 2018, 131, 1029-1046.	1.2	25
16	The discovery, naming and typification of Limonium gmelini (Plumbaginaceae). Willdenowia, 2017, 47, 99-106.	0.5	5
17	A pollen rain-vegetation study along a 3600 m mountain-desert transect in the Irano-Turanian region; implications for the reliability of some pollen ratios as moisture indicators. Review of Palaeobotany and Palynology, 2017, 247, 133-148.	0.8	13
18	Phylogenetic relationships of Limonium (Plumbaginaceae) inferred from multiple chloroplast and nuclear loci. Taxon, 2017, 66, 1128-1146.	0.4	16

#	Article	IF	Citations
19	A review of plant diversity, vegetation, and phytogeography of the Khorassan-Kopet Dagh floristic province in the Irano-Turanian region (northeastern Iranâ€“southern Turkmenistan). Phytotaxa, 2016, 249, 8.	0.1	42
20	Endemic plants of Khorassan-Kopet Dagh floristic province in Irano-Turanian region: diversity, distribution patterns and conservation status. Phytotaxa, 2016, 249, 31.	0.1	39
21	Taxonomic novelties from Irano-Turanian region and NE Iran: Oreosalsola, a new segregate from Salsola s.l., two new species in Anabasis and Salvia, and two new combinations in Caroxylon and Seseli. Phytotaxa, 2016, 249, 159.	0.1	19
22	The Tamaricetea arceuthoidis: a new class for the continental riparian thickets of the Middle East, Central Asia and the subarid regions of the Lower Volga valley. Lazaroa, 2015, 36, .	0.8	6
23	Cytology of SW Asian Chenopodiaceae: new data from Iran and a review of previous records and correlations with life forms and C4 photosynthesis. Plant Systematics and Evolution, 2015, 301, 501-521.	0.3	9
24	Seed and capsule morphology of Iranian perennial species ofEuphorbia(Euphorbiaceae) and its phylogenetic application. Botanical Journal of the Linnean Society, 2015, 177, 335-377.	0.8	20
25	Iran's environment under siege. Science, 2015, 350, 392-392.	6.0	13
26	A taxonomic backbone for the global synthesis of species diversity in the angiosperm orderCaryophyllales. Willdenowia, 2015, 45, 281.	0.5	254
27	Notes on the typification and nomenclature of <I>Salsola</I> and <I>Kali</I> (Chenopodiaceae). Taxon, 2014, 63, 647-650.	0.4	21
28	Ionic relationships in some halophytic Iranian Chenopodiaceae and their rhizospheres. Plant and Soil, 2013, 372, 523-539.	1.8	21
29	Phylogenetics of the Irano-Turanian taxa ofLimonium(Plumbaginaceae) based on ITS nrDNA sequences and leaf anatomy provides evidence for species delimitation and relationships of lineages. Botanical Journal of the Linnean Society, 2013, 171, 519-550.	0.8	22
30	Vegetation Patterns of the Irano-Turanian Steppe along a 3,000Âm Altitudinal Gradient in the Alborz Mountains of Northern Iran. Folia Geobotanica, 2013, 48, 229-255.	0.4	33
31	Species Diversity and Life-Form Patterns in Steppe Vegetation along a 3000Âm Altitudinal Gradient in the Alborz Mountains, Iran. Folia Geobotanica, 2013, 48, 7-22.	0.4	52
32	Structural and physiological analyses in Salsoleae (Chenopodiaceae) indicate multiple transitions among C3, intermediate, and C4 photosynthesis. Journal of Experimental Botany, 2013, 64, 3583-3604.	2.4	64
33	The relationship and different C4 Kranz anatomy of Bassia eriantha and Bassia eriophora, two often confused Irano-Turanian and Saharo-Sindian species. Phytotaxa, 2013, 93, 1.	0.1	13
34	Phylogeny and photosynthetic pathway distribution in Anticharis Endl. (Scrophulariaceae). Journal of Experimental Botany, 2012, 63, 5645-5658.	2.4	33
35	Seed morphology of Iranian annual species of Euphorbia (Euphorbiaceae). Botanical Journal of the Linnean Society, 2011, 167, 212-234.	0.8	20
36	Phytosociological and ecological study of the high alpine vegetation of Tuchal Mountains (Central) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.2	27

#	Article	IF	Citations
37	Pollen morphological studies in subfamily Suaedoideae (Chenopodiaceae). Grana, 2009, 48, 79-101.	0.4	23
38	Does BienertiaÂcycloptera with the single-cell system of C4 photosynthesis exhibit a seasonal pattern of Î´13C values in nature similar to co-existing C4 Chenopodiaceae having the dual-cell (Kranz) system?. Photosynthesis Research, 2009, 99, 23-36.	1.6	23
39	Vegetation history of the SE section of the Zagros Mountains during the last five millennia; a pollen record from the Maharlou Lake, Fars Province, Iran. Vegetation History and Archaeobotany, 2009, 18, 123-136.	1.0	87
40	A Cytological Study of Fourteen Halophytic Species of Tribes Caroxyloneae and Salsoleae (Chenopodiaceae) from Iran. Cytologia, 2009, 74, 79-87.	0.2	2
41	Biodiversity and phytogeography of the alpine flora of Iran. Biodiversity and Conservation, 2008, 17, 493-521.	1.2	130
42	A late Pleistocene long pollen record from Lake Urmia, Nw Iran. Quaternary Research, 2008, 69, 413-420.	1.0	197
43	Palaeoecological significance of the spores of the liverwort Riella (Riellaceae) in a late Pleistocene long pollen record from the hypersaline Lake Urmia, NW Iran. Review of Palaeobotany and Palynology, 2008, 152, 66-73.	0.8	45
44	Structural, biochemical, and physiological characterization of photosynthesis in two C4 subspecies of Tecticornia indica and the C3 species Tecticornia pergranulata (Chenopodiaceae). Journal of Experimental Botany, 2008, 59, 1715-1734.	2.4	40
45	Occurrence and forms of Kranz anatomy in photosynthetic organs and characterization of NAD-ME subtype C4 photosynthesis in Blepharis ciliaris (L.) B. L. Burtt (Acanthaceae). Journal of Experimental Botany, 2007, 59, 1755-1765.	2.4	15
46	Diversification of the Old World Salsoleae s.l. (Chenopodiaceae): Molecular Phylogenetic Analysis of Nuclear and Chloroplast Data Sets and a Revised Classification. International Journal of Plant Sciences, 2007, 168, 931-956.	0.6	145
47	Flowers of Bienertia cycloptera and Suaeda aralocaspica (Chenopodiaceae) complete the life cycle performing single-cell C4 photosynthesis. Functional Plant Biology, 2007, 34, 268.	1.1	12
48	Diversity, biogeography, and photosynthetic pathways of Argusia and Heliotropium (Boraginaceae) in South-West Asia with an analysis of phytogeographical units. Botanical Journal of the Linnean Society, 2007, 155, 401-425.	0.8	39
49	Phylogenetic Relationships in the Salicornioideae / Suaedoideae / Salsoloideae s.l. (Chenopodiaceae) Clade and a Clarification of the Phylogenetic Position of Bienertia and Alexandra Using Multiple DNA Sequence Datasets. Systematic Botany, 2006, 31, 571-585.	0.2	73
50	Biodiversity of halophytic and sabkha ecosystems in Iran. Tasks for Vegetation Science, 2006, , 71-88.	0.6	37
51	Differentiation of cellular and biochemical features of the singleâ€cell C₄ syndrome during leaf development in Bienertia cycloptera (Chenopodiaceae). American Journal of Botany, 2005, 92, 1784-1795.	0.8	56
52	<I>Bienertia sinuspersici</I> (Chenopodiaceae): A New Species from Southwest Asia and Discovery of a Third Terrestrial C₄ Plant Without Kranz Anatomy. Systematic Botany, 2005, 30, 290-301.	0.2	81
53	A new spiny, cushion-like Euphorbia (Euphorbiaceae) from south-west Iran with special reference to the phytogeographic importance of local endemic species. Botanical Journal of the Linnean Society, 2004, 146, 107-121.	0.8	31
54	Mandragora turcomanica(Solanaceae) in Iran: A new distribution record for an endangered species1. Systematics and Biodiversity, 2003, 1, 177-180.	0.5	11

#	Article	IF	Citations
55	Essential Oils from Two Endemic Species of Apiaceae from Iran. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2003, 58, 459-463.	0.6	16
56	Photosynthetic pathways and habitats of grasses in Golestan National Park (NE Iran), with an emphasis on the C4-grass dominated rock communities. Phytocoenologia, 2002, 32, 455-501.	1.2	45
57	Photosynthetic pathways inChenopodiaceae from Africa, Asia and Europe with their ecological, phytogeographical and taxonomical importance. Plant Systematics and Evolution, 1997, 206, 187-221.	0.3	138
58	A contribution to the halophytic vegetation and flora of Iran. Tasks for Vegetation Science, 1993, , 35-44.	0.6	33
59	European plants with C4 photosynthesis: geographical and taxonomic distribution and relations to climate parameters. Botanical Journal of the Linnean Society, 0, 163, 283-304.	0.8	96
60	An integrated morphoâ€molecular study of Salicornia (Amaranthaceaeâ€Chenopodiaceae) in Iran proves Iranoâ€Turanian region the major center of diversity of annual glasswort species. Taxon, 0, , .	0.4	5