Zlatko Å atoviÄ

List of Publications by Year
in descending order

167 papers	5,333 citations	71102 41 h-index	114465 63 g-index
170 all docs	170 docs citations	170 times ranked	4588 citing authors

#	Article	IF	Citations
1	Comparative study of the discriminating capacity of RAPD, AFLP and SSR markers and of their effectiveness in establishing genetic relationships in olive. Theoretical and Applied Genetics, 2003, 107, 736-744.	3.6	269
2	Developing a core collection of olive (Olea europaea L.) based on molecular markers (DArTs, SSRs,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	241
3	Composition and antibacterial activities of essential oils of seven Ocimum taxa. Food Chemistry, 2010, 119, 196-201.	8.2	185
4	Genetic Diversity and Population Structure of Wild Olives from the North-western Mediterranean Assessed by SSR Markers. Annals of Botany, 2007, 100, 449-458.	2.9	149
5	Medicinal plants of the family Lamiaceae as functional foods - a review. Czech Journal of Food Sciences, 2016, 34, 377-390.	1.2	141
6	Genetic diversity and relationships in olive (Olea europaea L.) germplasm collections as determined by randomly amplified polymorphic DNA. Theoretical and Applied Genetics, 2002, 105, 638-644.	3.6	131
7	Faba bean breeding for resistance against biotic stresses: Towards application of marker technology. Euphytica, 2006, 147, 67-80.	1.2	104
8	Genetic diversity and relationships of wild and cultivated olives at regional level in Spain. Scientia Horticulturae, 2010, 124, 323-330.	3.6	104
9	Mapping of quantitative trait loci controlling broomrape (Orobanche crenataForsk.) resistance in faba bean (Vicia fabaL.). Genome, 2002, 45, 1057-1063.	2.0	103
10	Isolate and organ-specific QTLs for ascochyta blight resistance in faba bean (Vicia faba L).. Theoretical and Applied Genetics, 2004, 108, 1071-1078.	3.6	94
11	Genetic mapping of QTLs controlling horticultural traits in diploid roses. Theoretical and Applied Genetics, 2005, 111, 511-520.	3.6	88
12	Genetic relations among basil taxa (Ocimum L.) based on molecular markers, nuclear DNA content, and chromosome number. Plant Systematics and Evolution, 2010, 285, 13-22.	0.9	85
13	Variability of wild olives (Olea europaea subsp. europaea var. sylvestris) analyzed by agro-morphological traits and SSR markers. Scientia Horticulturae, 2011, 129, 561-569.	3.6	85
14	Assessing the genetic diversity of Portuguese maize germplasm using microsatellite markers. Euphytica, 2004, 137, 63-72.	1.2	84
15	Permanent Genetic Resources added to Molecular Ecology Resources Database 1 October 2009â€"30 November 2009. Molecular Ecology Resources, 2010, 10, 404-408.	4.8	84
16	Preliminary genetic linkage map of Miscanthus sinensis with RAPD markers. Theoretical and Applied Genetics, 2002, 105, 946-952.	3.6	72
17	Comparative genomics to bridge Vicia faba with model and closely-related legume species: stability of QTLs for flowering and yield-related traits. Theoretical and Applied Genetics, 2012, 125, 1767-1782.	3.6	69
18	Mapping of quantitative trait loci for resistance to Mycosphaerella pinodes in Pisum sativum subsp. syriacum. Molecular Breeding, 2008, 21, 439-454.	2.1	62

#	ARTICLE	IF	CITATIONS
19	Locating genes associated with Ascochyta fabae resistance in Vicia faba. Australian Journal of Agricultural Research, 2003, 54, 85.	1.5	61
20	Identification of quantitative trait loci for specific mechanisms of resistance to Orobanche crenata Forsk. in pea (Pisum sativum L.). Molecular Breeding, 2010, 25, 259-272.	2.1	60
21	Development of a composite map in Vicia faba, breeding applications and future prospects. Theoretical and Applied Genetics, 2004, 108, 1079-1088.	3.6	58
22	Environmental Heterogeneity Explains the Genetic Structure of Continental and Mediterranean Populations of Fraxinus angustifolia Vahl. PLoS ONE, 2012, 7, e42764.	2.5	58
23	Identification of QTLs influencing combustion quality in Miscanthus sinensis Anderss. II. Chlorine and potassium content. Theoretical and Applied Genetics, 2003, 107, 857-863.	3.6	56
24	Validation of QTLs for Orobanche crenata resistance in faba bean (Vicia faba L.) across environments and generations. Theoretical and Applied Genetics, 2010, 120, 909-919.	3.6	54
25	Mapping of quantitative trait loci controlling partial resistance against rust incited by Uromyces pisi (Pers.) Wint. in a Pisum fulvum L. intraspecific cross. Euphytica, 2010, 175, 151-159.	1.2	54
26	Molecular and chemical characterization of the most widespread Ocimum species. Plant Systematics and Evolution, 2011, 294, 253-262.	0.9	54
27	Locating quantitative trait loci associated with Orobanche crenata resistance in pea. Weed Research, 2004, 44, 323-328.	1.7	53
28	Phylogenetic relationships in Brassicaceae tribe Alysseae inferred from nuclear ribosomal and chloroplast DNA sequence data. Molecular Phylogenetics and Evolution, 2013, 69, 772-786.	2.7	53
29	A reference consensus genetic map for molecular markers and economically important traits in faba bean (Vicia fabaL.). BMC Genomics, 2013, 14, 932.	2.8	53
30	Identification of quantitative trait loci and candidate genes for specific cellular resistance responses against Didymella pinodes in pea. Plant Cell Reports, 2014, 33, 1133-1145.	5.6	53
31	Quantitative trait loci of frost tolerance and physiologically related trait in faba bean (Vicia faba L.). Euphytica, 2008, 164, 93-104.	1.2	52
32	Quantitative Trait Loci Associated to Drought Adaptation in Pea (Pisum sativum L.). Plant Molecular Biology Reporter, 2015, 33, 1768-1778.	1.8	51
33	Genetic mapping of new morphological, isozyme and RAPD markers in Vicia faba L. using trisomics. Theoretical and Applied Genetics, 1996, 93, 1130-1138.	3.6	50
34	Identification of common genomic regions controlling resistance to Mycosphaerella pinodes, earliness and architectural traits in different pea genetic backgrounds. Euphytica, 2011, 182, 43-52.	1.2	50
35	Identification and characterization of NBSâ€"LRR class resistance gene analogs in faba bean (Vicia faba) Tj ETQq1 1 0.784314 rgBT /Ove	2.0	49
36	Genetic Diversity of Croatian Common Bean Landraces. Frontiers in Plant Science, 2017, 8, 604.	3.6	49

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37	Variation Among and Within Populations of the Parasitic Weed Orobanche crenata from Spain and Israel Revealed by Inter Simple Sequence Repeat Markers. Phytopathology, 2002, 92, 1262-1266.	2.2	46
38	Genetic Relationships among Orobanche Species as Revealed by RAPD Analysis. Annals of Botany, 2003, 91, 637-642.	2.9	45
39	High Diversity of Indigenous Populations of Dalmatian Sage (<i>Salvia officinalis</i> L.) in Essentialâ€Oil Composition. Chemistry and Biodiversity, 2012, 9, 2309-2323.	2.1	45
40	Chemical Characterization and Genetic Relationships among <i>Ocimum basilicum</i> L. Cultivars. Chemistry and Biodiversity, 2011, 8, 1978-1989.	2.1	44
41	Utility of wild germplasm in olive breeding. Scientia Horticulturae, 2013, 152, 92-101.	3.6	43
42	Genetic diversity in Orobanche crenata populations from southern Spain. Theoretical and Applied Genetics, 2001, 103, 1108-1114.	3.6	42
43	Morphological and biochemical intraspecific characterization of Ocimum basilicum L.. Industrial Crops and Products, 2017, 109, 611-618.	5.2	42
44	QTLs for Orobanche spp. resistance in faba bean: identification and validation across different environments. Molecular Breeding, 2013, 32, 909-922.	2.1	39
45	Identification of QTLs influencing agronomic traits in Miscanthus sinensis Anderss. I. Total height, flag-leaf height and stem diameter. Theoretical and Applied Genetics, 2003, 107, 123-129.	3.6	38
46	Microsatellite variability among wild and cultivated hops (Humulus lupulus L.). Genome, 2004, 47, 889-899.	2.0	38
47	Title is missing!. Euphytica, 2003, 130, 387-395.	1.2	37
48	Genetic structure and differentiation in hop (Humulus lupulus L.) as inferred from microsatellites. Euphytica, 2008, 161, 301-311.	1.2	37
49	Development of DArT markers in olive (Olea europaea L.) and usefulness in variability studies and genome mapping. Scientia Horticulturae, 2012, 136, 50-60.	3.6	37
50	Host differentiation in Orobanche foetida Poir. Flora: Morphology, Distribution, Functional Ecology of Plants, 2007, 202, 201-208.	1.2	35
51	Confirmation of QTLs controlling Ascochyta fabae resistance in different generations of faba bean (Vicia faba L.). Crop and Pasture Science, 2009, 60, 353.	1.5	35
52	Influencing combustion quality in Miscanthus sinensis Anderss.: identification of QTLs for calcium, phosphorus and sulphur content. Plant Breeding, 2003, 122, 141-145.	1.9	34
53	Genetic diversity of Moroccan populations of <i>Orobanche foetida</i>: evolving from parasitising wild hosts to crop plants. Weed Research, 2008, 48, 179-186.	1.7	34
54	Genetics and mapping of new isozyme loci in Vicia faba L using trisomics. Theoretical and Applied Genetics, 1995, 91, 783-789.	3.6	32

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55	New microsatellite markers for <i>Salvia officinalis</i> (Lamiaceae) and crossâ€amplification in closely related species. American Journal of Botany, 2011, 98, e316-8.	1.7	32
56	Development of New Microsatellite Markers for Salvia officinalis L. and Its Potential Use in Conservation-Genetic Studies of Narrow Endemic Salvia brachyodon Vandas. International Journal of Molecular Sciences, 2012, 13, 12082-12093.	4.1	32
57	Application of Phenotyping Methods in Detection of Drought and Salinity Stress in Basil (Ocimum) Tj ETQq1 1 0.784314 rgBT /Overlock	3.6	32
58	Identification of QTLs associated with yield and its components in Miscanthus sinensis Anderss. Euphytica, 2003, 132, 353-361.	1.2	31
59	Development of co-dominant amplified polymorphic sequence markers for resistance of sunflower to downy mildew race 730. Plant Breeding, 2007, 126, 440-444.	1.9	31
60	Efficiency of morphological trait descriptors in discrimination of<i>Ocimum basilicum</i>L. accessions. Plant Biosystems, 2011, 145, 298-305.	1.6	31
61	Helichrysum italicum (Roth) G. Don: Taxonomy, biological activity, biochemical and genetic diversity. Industrial Crops and Products, 2019, 138, 111487.	5.2	31
62	Establishing the Bases for Introducing the Unexplored Portuguese Common Bean Germplasm into the Breeding World. Frontiers in Plant Science, 2017, 8, 1296.	3.6	30
63	Epigenetic Differentiation of Natural Populations of Lilium bosniacum Associated with Contrasting Habitat Conditions. Genome Biology and Evolution, 2018, 10, 291-303.	2.5	30
64	Identification of quantitative trait loci for resistance to Verticillium wilt and yield parameters in hop (Humulus lupulus L.). Theoretical and Applied Genetics, 2013, 126, 1431-1443.	3.6	29
65	Genetic mapping of hop (Humulus lupulus L.) applied to the detection of QTLs for alpha-acid content. Genome, 2006, 49, 485-494.	2.0	28
66	Identifying refugia from climate change using coupled ecological and genetic data in a transitional <scp>M</scp>editerraneanâ€temperate tree species. Molecular Ecology, 2013, 22, 2128-2142.	3.9	28
67	Genetic Architecture of Ear Fasciation in Maize (Zea mays) under QTL Scrutiny. PLoS ONE, 2015, 10, e0124543.	2.5	27
68	Characterizing Croatian Wheat Germplasm Diversity and Structure in a European Context by DArT Markers. Frontiers in Plant Science, 2016, 7, 184.	3.6	27
69	Molecular phylogeny and systematics of the Lilium carniolicum group (Liliaceae) based on nuclear ITS sequences. Plant Systematics and Evolution, 2007, 265, 45-58.	0.9	26
70	Genome-Wide Association Studies of Mineral Content in Common Bean. Frontiers in Plant Science, 2021, 12, 636484.	3.6	26
71	Genetic Diversity and Demographic History of Wild and Cultivated/Naturalised Plant Populations: Evidence from Dalmatian Sage (Salvia officinalis L., Lamiaceae). PLoS ONE, 2016, 11, e0159545.	2.5	26
72	Genetic diversity evolution through participatory maize breeding in Portugal. Euphytica, 2008, 161, 283-291.	1.2	25

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73	Population genetics in weedy species of<i>Orobanche</i>. Australasian Plant Pathology, 2009, 38, 228.	1.0	25
74	Genetic Diversity and Structure of Dalmatian Pyrethrum (Tanacetum cinerariifolium Trevir. /Sch./ Bip.,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.5	25
75	Essential Oils and Chemical Diversity of Southeast European Populations ofSalvia officinalisL.. Chemistry and Biodiversity, 2015, 12, 1025-1039.	2.1	25
76	Longâ€term onâ€farm participatory maize breeding by stratified mass selection retains molecular diversity while improving agronomic performance. Evolutionary Applications, 2018, 11, 254-270.	3.1	25
77	Evolution of the tetraploid Anemone multifida (2n = 32) and hexaploid A. baldensis (2n = 48) (Ranunculaceae) was accompanied by rDNA loci loss and intergenomic translocation: evidence for their common genome origin. Annals of Botany, 2012, 110, 703-712.	2.9	24
78	Identification of quantitative trait loci involved in resistance to Pseudomonas syringae pv. syringae in pea (Pisum sativum L.). Euphytica, 2012, 186, 805-812.	1.2	23
79	Chemotype Diversity of Indigenous Dalmatian Sage (Salvia officinalisL.) Populations in Montenegro. Chemistry and Biodiversity, 2014, 11, 101-114.	2.1	23
80	Genetic Variation Among and Within <i>Uromyces</i> Species Infecting Legumes. Journal of Phytopathology, 2008, 156, 419-424.	1.0	22
81	The effect of germination temperature on seed dormancy in Croatian-grown winter wheats. Euphytica, 2012, 188, 25-34.	1.2	22
82	Phylogenetic Analysis of Uromyces Species Infecting Grain and Forage Legumes by Sequence analysis of Nuclear Ribosomal Internal Transcribed Spacer Region. Journal of Phytopathology, 2011, 159, 137-145.	1.0	21
83	Genetic diversity and relationships among species of the genus Thymus L. (section Serpyllum). Flora: Morphology, Distribution, Functional Ecology of Plants, 2012, 207, 654-661.	1.2	21
84	Genetic diversity of the sweet chestnut (Castanea sativa Mill.) in Central Europe and the western part of the Balkan Peninsula and evidence of marron genotype introgression into wild populations. Tree Genetics and Genomes, 2017, 13, 1.	1.6	21
85	Er3 gene, conferring resistance to powdery mildew in pea, is located in pea LGIV. Euphytica, 2018, 214, 1.	1.2	21
86	Genetic and morphological data reveal new insights into the taxonomy of <i>Campanula versicolor</i> s.l. (Campanulaceae). Taxon, 2019, 68, 340-369.	0.7	21
87	Divergent selection and genetic structure of Sideritis scardica populations from southern Balkan Peninsula as revealed by AFLP fingerprinting. Scientific Reports, 2019, 9, 12767.	3.3	21
88	Optimal Use of RAPD Markers for Identifying Varieties in Olive (Olea europaea L.) Germplasm Collections. Journal of the American Society for Horticultural Science, 2004, 129, 266-270.	1.0	21
89	Cytogenetic and phylogenetic studies of diploid and polyploid members of Tribe Anemoninae (Ranunculaceae). Plant Biology, 2012, 14, 525-536.	3.8	20
90	Gene flow vs. pollution pressure: Genetic diversity of Mytilus galloprovincialis in eastern Adriatic. Aquatic Toxicology, 2013, 136-137, 22-31.	4.0	20

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91	Utility of EST-SNP Markers for Improving Management and Use of Olive Genetic Resources: A Case Study at the Worldwide Olive Germplasm Bank of CÃ³rdoba. Plants, 2022, 11, 921.	3.5	20
92	Brief communication. New isozyme loci in faba bean (Vicia faba L.): genetic analysis and mapping using trisomics. Journal of Heredity, 1998, 89, 271-275.	2.4	18
93	Chemical Diversity of the Natural Populations of Dalmatian Pyrethrum (Tanacetum) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662 T	2.1	18
94	Campanula teutana, a new isophyllous Campanula (Campanulaceae) from the Adriatic region. Phytotaxa, 2014, 162, 1.	0.3	18
95	Causes and consequences of contrasting genetic structure in sympatrically growing and closely related species. AoB PLANTS, 2015, 7, plv106.	2.3	18
96	Genetic diversity and morphological variability in the Balkan endemic<i>C</i><i>ampanula secundiflora s.l.</i>(Campanulaceae). Botanical Journal of the Linnean Society, 2016, 180, 64-88.	1.6	18
97	Morphological, genetic and epigenetic aspects of homoploid hybridization between Salvia officinalis L. and Salvia fruticosa Mill.. Scientific Reports, 2019, 9, 3276.	3.3	18
98	Pyrethrin from Dalmatian pyrethrum (Tanacetum cinerariifolium (Trevir.) Sch. Bip.): biosynthesis, biological activity, methods of extraction and determination. Phytochemistry Reviews, 2021, 20, 875-905.	6.5	18
99	Identification of QTLs for alpha acid content and yield in hop (Humulus Lupulus L.). Euphytica, 2009, 170, 141-154.	1.2	17
100	Intraspecific Variation of <i>Chiliadenus iphionoides</i> Essential Oil in Israel. Chemistry and Biodiversity, 2011, 8, 1065-1082.	2.1	16
101	CURRENT STATUS OF CONSERVATION, EVALUATION AND USEFULNESS OF WILD OLIVE GERMPLASM. Acta Horticulturae, 2014, , 515-519.	0.2	15
102	Pollen-mediated gene flow and fine-scale spatial genetic structure in<i>Olea europaea</i>subsp.<i>europaea</i>var.<i>sylvestris</i>. Annals of Botany, 2017, 119, mcw246.	2.9	15
103	Intra-varietal variability and genetic relationships among the homonymic East Adriatic olive (Olea) Tj ETQq1 1 0.784314 rgBT /Overlock	3.6	14
104	Salvia officinalis survived in situ Pleistocene glaciation in â€˜refugia within refugiaâ€™ as inferred from AFLP markers. Plant Systematics and Evolution, 2020, 306, 1.	0.9	14
105	RAPD markers and black pine (Pinus nigra Arnold) intraspecies taxonomy - Evidence from the study of nine populations. Acta Societatis Botanicorum Poloniae, 2011, 72, 249-257.	0.8	14
106	Extent and pattern of genetic differentiation within and between European populations of <i>Phelipanche ramosa</i> revealed by amplified fragment length polymorphism analysis. Weed Research, 2009, 49, 48-55.	1.7	12
107	Intra-cultivar diversity in the Croatian olive cultivar, â€˜Lastovkaâ€™. Journal of Horticultural Science and Biotechnology, 2011, 86, 305-311.	1.9	12
108	<I>Campanula skanderbegii</I>: Molecular and Morphological Evidence of a New <I>Campanula</I> Species (Campanulaceae) Endemic to Albania. Systematic Botany, 2014, 39, 1250-1260.	0.5	12

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109	Genetic Relationships of Spanish Olive Cultivars Using RAPD Markers. Hortscience: A Publication of the American Society for Hortcultural Science, 2004, 39, 948-951.	1.0	12
110	Comparative proteomic analysis of <i>Orobanche</i> and <i>Phelipanche</i> species inferred from seed proteins. Weed Research, 2009, 49, 81-87.	1.7	11
111	Effects ofOcimumspp. essential oil onMonilinia laxa in vitro. Journal of Essential Oil Research, 2013, 25, 143-148.	2.7	11
112	Assessment of the Origin and Diversity of Croatian Common Bean Germplasm Using Phaseolin Type, SSR and SNP Markers and Morphological Traits. Plants, 2021, 10, 665.	3.5	11
113	Genetic diversity in Hordeum chilense Roem. et Schult. germplasm collection as determined by endosperm storage proteins. Genetic Resources and Crop Evolution, 2005, 52, 127-135.	1.6	10
114	Genetic diversity in two variants of Orobanche gracilis Sm. [var. gracilis and var. deludens (Beck) A. Pujadas] (Orobanchaceae) from different regions of Spain. Electronic Journal of Biotechnology, 2007, 10, 0-0.	2.2	10
115	High genetic diversity and possible evidence of a recent bottleneck in Adriatic bottlenose dolphins (Tursiops truncatus). Mammalian Biology, 2011, 76, 339-344.	1.5	10
116	DetectingOrobanche species by using cpDNA diagnostic markers. Phytoparasitica, 2007, 35, 129-135.	1.2	9
117	Setting Up Decision-Making Tools toward a Quality-Oriented Participatory Maize Breeding Program. Frontiers in Plant Science, 2017, 8, 2203.	3.6	9
118	Genetic structure of wild raspberry populations in the Central Balkans depends on their location and on their relationship to commercial cultivars. Scientia Horticulturae, 2019, 256, 108606.	3.6	9
119	An Overview of Key Factors Affecting Genomic Selection for Wheat Quality Traits. Plants, 2021, 10, 745.	3.5	9
120	Comparison of methods for the estimation of best parent heterosis among lines developed from interspecific sunflower germplasm. Euphytica, 2018, 214, 1.	1.2	8
121	Genetic diversity and structure of Fusarium oxysporum f.sp. lentis isolates from Iran, Syria and Algeria. European Journal of Plant Pathology, 2019, 153, 1019-1029.	1.7	8
122	Population structure and adaptive variation of Helichrysum italicum (Roth) G. Don along eastern Adriatic temperature and precipitation gradient. Scientific Reports, 2021, 11, 24333.	3.3	8
123	The main Croatian olive cultivar, â€˜Oblicaâ€™, shows high morphological but low molecular diversity. Journal of Horticultural Science and Biotechnology, 2009, 84, 345-349.	1.9	7
124	Maize participatory breeding in Portugal: Comparison of farmer's and breeder's onâ€farm selection. Plant Breeding, 2017, 136, 861-871.	1.9	7
125	Towards the Well-Tempered Chloroplast DNA Sequences. Plants, 2021, 10, 1360.	3.5	7
126	Phenotypic Diversity of Almond-Leaved Pear (Pyrus spinosa Forssk.) along Eastern Adriatic Coast. Forests, 2021, 12, 1630.	2.1	7

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127	Intra- and interpopulation variability and taxonomic status ofBerberis croaticaHorvat. Plant Biosystems, 2009, 143, 40-46.	1.6	6
128	Phylogeography of Campanula fenestrellata s.l. (Campanulaceae) in the northern Adriatic. Plant Systematics and Evolution, 2020, 306, 1.	0.9	6
129	Effect of Hormonal Priming and Osmopriming on Germination of Winter Savory (Satureja montana L.) Natural Population under Drought Stress. Agronomy, 2022, 12, 1288.	3.0	6
130	Records and genetic diversity of striped dolphins (Stenella coeruleoalba) from the Croatian coast of the Adriatic Sea. Marine Biodiversity Records, 2009, 2, .	1.2	5
131	Phenotypic and alpha-acid content diversity of wild hop populations in Croatia. Plant, Soil and Environment, 2010, 56, 37-42.	2.2	5
132	New Microsatellite Markers forCampanula pyramidalis(Campanulaceae) and Cross-Amplification in Closely Related Species. Applications in Plant Sciences, 2015, 3, 1400117.	2.1	5
133	Spatial distribution, niche ecology and conservation genetics of Degenia velebitica (Brassicaceae), a narrow endemic species of the north-western Dinaric Alps. Plant Systematics and Evolution, 2020, 306, 1.	0.9	5
134	Accessing Ancestral Origin and Diversity Evolution by Net Divergence of an Ongoing Domestication Mediterranean Olive Tree Variety. Frontiers in Plant Science, 2021, 12, 688214.	3.6	5
135	High Genetic Diversity and Low Population Differentiation in Wild Hop (Humulus lupulus L.) from Croatia. Applied Sciences (Switzerland), 2021, 11, 6484.	2.5	5
136	Essential Oils Chemical Variability of Seven Populations of Salvia Officinalis L. In North of Albania. Macedonian Journal of Chemistry and Chemical Engineering, 2020, 39, 31.	0.6	5
137	Grass pea natural variation reveals oligogenic resistance to <i>Fusarium oxysporum</i> f. sp. <i>pisi</i>. Plant Genome, 2021, 14, e20154.	2.8	5
138	Morphological and Chemical Variation of Wild Sweet Chestnut (CastaneaÂsativa Mill.) Populations. Forests, 2022, 13, 55.	2.1	5
139	Accumulation Patterns of Six Pyrethrin Compounds across the Flower Developmental Stagesâ€"Comparative Analysis in Six Natural Dalmatian Pyrethrum Populations. Agronomy, 2022, 12, 252.	3.0	5
140	Crop breeding for a changing climate in the Pannonian region: towards integration of modern phenotyping tools. Journal of Experimental Botany, 2022, 73, 5089-5110.	4.8	5
141	Estimation of linkage in trisomic inheritance. Theoretical and Applied Genetics, 1998, 96, 513-518.	3.6	4
142	Genetic variability of Verbascum populations from metal polluted and unpolluted sites. Genetika, 2015, 47, 245-251.	0.4	4
143	Microsatellite markers in common bean (Phaseolus vulgaris L.). Journal of Central European Agriculture, 2017, 18, 902-917.	0.6	4
144	Chemical Characterization of Wild Growing <i>Origanum vulgare</i> Populations in Montenegro. Natural Product Communications, 2018, 13, 1934578X1801301.	0.5	4

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145	Matrix solid-phase dispersion optimization for determination of pyrethrin content in Dalmatian pyrethrum (Tanacetum cinerariifolium /Trevir./ Sch. Bip.) by liquid chromatography. Industrial Crops and Products, 2020, 145, 111999.	5.2	4
146	The Influence of a Seedling Recruitment Strategy and a Clonal Architecture on a Spatial Genetic Structure of a Salvia brachyodon (Lamiaceae) Population. Plants, 2020, 9, 828.	3.5	4
147	Genetic diversity and structure analysis of Croatian garlic collection assessed by SSR markers. Folia Horticulturae, 2021, 33, 157-171.	1.8	4
148	Alive and kicking, or, living on borrowed time? â€“ Microsatellite diversity in natural populations of the endangered Ulmus minor Mill. sensu latissimo from Croatia. Acta Botanica Croatica, 2016, 75, 53-59.	0.7	4
149	How does Computer vision compare to standard colorimeter in assessing the seed coat color of common bean (Phaseolus vulgaris L.)?. Journal of Central European Agriculture, 2019, 20, 1169-1178.	0.6	4
150	Expressional and positional candidate genes for resistance to Peyronellaea pinodes in pea. Euphytica, 2018, 214, 1.	1.2	3
151	High diversity of natural Dalmatian pyrethrum based on pyrethrin composition at intra- and interpopulation level. Phytochemistry, 2021, 192, 112934.	2.9	3
152	Genetic mapping of new morphological, isozyme and RAPD markers in Vicia faba L. using trisomics. Theoretical and Applied Genetics, 1996, 93, 1130-1138.	3.6	3
153	High Level of Phenotypic Differentiation of Common Yew (Taxus baccata L.) Populations in the North-Western Part of the Balkan Peninsula. Forests, 2022, 13, 78.	2.1	3
154	Phenotypic Variation in European Wild Pear (Pyrus pyraster (L.) Burgsd.) Populations in the North-Western Part of the Balkan Peninsula. Plants, 2022, 11, 335.	3.5	3
155	Population Variability of Almond-Leaved Willow (Salix triandra L.) Based on the Leaf Morphometry: Isolation by Distance and Environment Explain Phenotypic Diversity. Forests, 2022, 13, 420.	2.1	3
156	Development of Microsatellite Markers for Tanacetum cinerariifolium (Trevis.) Sch. Bip., a Plant with a Large and Highly Repetitive Genome. Plants, 2022, 11, 1778.	3.5	3
157	Multispectral Assessment of Sweet Pepper (Capsicum annuum L.) Fruit Quality Affected by Calcite Nanoparticles. Biomolecules, 2021, 11, 832.	4.0	2
158	Genetic Diversity of Pedunculate Oak (Quercus robur L.) in Clonal Seed Orchards in Croatia, Assessed by Nuclear and Chloroplast Microsatellites. South-East European Forestry, 2018, 9, .	0.4	2
159	Conservation of Medicinal and Aromatic Plants in Croatia. NATO Science for Peace and Security Series C: Environmental Security, 2012, , 261-269.	0.2	2
160	Development and characterization of new polymorphic microsatellite markers for Degenia velebitica (Degen) Hayek (Brassicaceae). Conservation Genetics Resources, 2014, 6, 409-411.	0.8	1
161	Physiological Responses of Basil (Ocimum Basilicum L.) Cultivars to Rhizophagus Irregularis Inoculation under Low Phosphorus Availability. Plants, 2020, 9, 14.	3.5	1
162	Fine-Scale Phylogeography of a Putative Secondary Contact Zone of the Land Snail<i>Cornu aspersum</i>(Gastropoda: Pulmonata: Helicidae) Along the Croatian Coast and Islands. American Malacological Bulletin, 2014, 32, 62-73.	0.2	0

#	ARTICLE	IF	CITATIONS
163	Utjecaj predsjetvenih tretmana na klijanje sjemena nevena (Calendula officinalis L.) pri stresnim uvjetim. Sjemenarstvo, 2021, 32, 25-38.	0.2	0
164	Morphological and genetic diversity of Istrian garlic ecotypes. Acta Horticulturae, 2021, , 57-64.	0.2	0
165	Gas exchange capacity of Croatian common bean landraces (Phaseolus vulgaris L.) is related to their origin and growth type. Journal of Elementology, 2018, , .	0.2	0
166	Genetic, Population Features and Reproductive Success in Gymnocalycium Monvillei (Cactaceae) Along an Elevation Gradient. SSRN Electronic Journal, 0, , .	0.4	0
167	The complete chloroplast genome of dalmatian pyrethrum (<i>Tanacetum cinerariifolium</i> (Trevir.)) Tj ETQq1 1 0.784314 rgBT /Overl... Resources, 2022, 7, 775-777.	0.4	0