

Yong Yang

List of Publications by Year in descending order

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55
papers

1,413
citations

430874

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h-index

345221

36
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59
all docs

59
docs citations

59
times ranked

1402
citing authors

#	ARTICLE	IF	CITATIONS
1	Threatened Species List of China's Higher Plants. <i>Biodiversity Science</i> , 2017, 25, 696-744.	0.6	214
2	A genome for gnetophytes and early evolution of seed plants. <i>Nature Plants</i> , 2018, 4, 82-89.	9.3	151
3	Morphology and affinities of an Early Cretaceous <i>Ephedra</i> (Ephedraceae) from China. <i>American Journal of Botany</i> , 2005, 92, 231-241.	1.7	84
4	A facile preparation of polyaniline/cellulose hydrogels for all-in-one flexible supercapacitor with remarkable enhanced performance. <i>Carbohydrate Polymers</i> , 2020, 245, 116611.	10.2	82
5	The <i>Cycas</i> genome and the early evolution of seed plants. <i>Nature Plants</i> , 2022, 8, 389-401.	9.3	80
6	Schmeissneria: a missing link to angiosperms?. <i>BMC Evolutionary Biology</i> , 2007, 7, 14.	3.2	67
7	Facile preparation of stretchable and self-healable conductive hydrogels based on sodium alginate/polypyrrole nanofibers for use in flexible supercapacitor and strain sensors. <i>International Journal of Biological Macromolecules</i> , 2021, 172, 41-54.	7.5	66
8	Wide temperature-tolerant polyaniline/cellulose/polyacrylamide hydrogels for high-performance supercapacitors and motion sensors. <i>Carbohydrate Polymers</i> , 2021, 267, 118207.	10.2	56
9	Germplasm resources and genetic breeding of <i>Paeonia</i> : a systematic review. <i>Horticulture Research</i> , 2020, 7, 107.	6.3	55
10	Green Synthesis of Free Standing Cellulose/Graphene Oxide/Polyaniline Aerogel Electrode for High-Performance Flexible All-Solid-State Supercapacitors. <i>Nanomaterials</i> , 2020, 10, 1546.	4.1	54
11	The <i>Welwitschia</i> genome reveals a unique biology underpinning extreme longevity in deserts. <i>Nature Communications</i> , 2021, 12, 4247.	12.8	51
12	The Earliest Fleshy Cone of <i>Ephedra</i> from the Early Cretaceous Yixian Formation of Northeast China. <i>PLoS ONE</i> , 2013, 8, e53652.	2.5	33
13	Ontogeny of triovulate cones of <i>Ephedra intermedia</i> and origin of the outer envelope of ovules of Ephedraceae. <i>American Journal of Botany</i> , 2004, 91, 361-368.	1.7	30
14	Recent advances on phylogenomics of gymnosperms and a new classification. <i>Plant Diversity</i> , 2022, 44, 340-350.	3.7	28
15	Quadruply Hydrogen-Bonded Building Block from Hydrazide's Quinolinone Motif and Gelation Ability of Its Analogous Oxalic Monoester's Monoamide Derivative. <i>Organic Letters</i> , 2007, 9, 4991-4994.	4.6	23
16	Parallel evolution of leaf morphology in gnetophytes. <i>Organisms Diversity and Evolution</i> , 2015, 15, 651-662.	1.6	23
17	Leaf Cuticular Anatomy and Taxonomy of <i>Syndiclis</i> (Lauraceae) and Its Allies. <i>Systematic Botany</i> , 2012, 37, 861-878.	0.5	22
18	Phylogenetic relationships and divergence times of the family Araucariaceae based on the DNA sequences of eight genes. <i>Science Bulletin</i> , 2009, 54, 2648-2655.	9.0	21

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19	Syntheses, crystal structures of two Fe(III) Schiff base complexes with chelating o-vanillin aroylhydrazone and exploration of their bio-relevant activities. <i>Journal of Inorganic Biochemistry</i> , 2021, 218, 111405.	3.5	20
20	<i>Chengia laxispicatagen. et sp. nov.</i> , a new ephedroid plant from the Early Cretaceous Yixian Formation of western Liaoning, Northeast China: evolutionary, taxonomic, and biogeographic implications. <i>BMC Evolutionary Biology</i> , 2013, 13, 72.	3.2	19
21	Polythiophene Grafted onto Single-Wall Carbon Nanotubes through Oligo(ethylene oxide) Linkages for Supercapacitor Devices with Enhanced Electrochemical Performance. <i>ChemElectroChem</i> , 2019, 6, 4595-4607.	3.4	19
22	Phylogenetic position of <i>Ephedra rhytidosperma</i> , a species endemic to China: Evidence from chloroplast and ribosomal DNA sequences. <i>Science Bulletin</i> , 2005, 50, 2901-2904.	1.7	18
23	Plastome phylogenomics, systematics, and divergence time estimation of the <i>Beilschmiedia</i> group (Lauraceae). <i>Molecular Phylogenetics and Evolution</i> , 2020, 151, 106901.	2.7	18
24	Supramolecular Substitution Reactions between Hydrazone-Based Molecular Duplex Strands: Complexation Induced Nonsymmetry and Dynamic Behavior. <i>Journal of Organic Chemistry</i> , 2008, 73, 6369-6377.	3.2	17
25	Synthesis, DNA/BSA binding studies and <i>in vitro</i> biological assay of nickel(II) complexes incorporating tridentate aroylhydrazone and triphenylphosphine ligands. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 38, 4977-4996.	3.5	16
26	Dynamic Decomposition/Recombination of Hydrogen Bonds in Molecular Duplex Strands. <i>Organic Letters</i> , 2007, 9, 4355-4357.	4.6	14
27	<i>Beilschmiedia turbinata</i> : A Newly Recognized but Dying Species of Lauraceae from Tropical Asia Based on Morphological and Molecular Data. <i>PLoS ONE</i> , 2013, 8, e67636.	2.5	11
28	Cuticular features of <i>Cryptocarya</i> (Lauraceae) from Peninsular Malaysia, Thailand and Indo-China and its taxonomic implications. <i>Phytotaxa</i> , 2016, 244, 26.	0.3	11
29	Leaf epidermal micromorphology defining the clades in <i>Cinnamomum</i> (Lauraceae). <i>PhytoKeys</i> , 2021, 182, 125-148.	1.0	10
30	A programmed hydrogen bonding array self-assembles into a polymeric zipper-like architecture. <i>New Journal of Chemistry</i> , 2006, 30, 140.	2.8	9
31	The nomenclature of fossil <i>Ephedraceae</i> . <i>Taxon</i> , 2007, 56, 1271-1273.	0.7	9
32	Selective head-to-tail recognition in hydrazone-based molecular duplex strands induced by spectator secondary electrostatic interactions. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 4198.	2.8	8
33	Origin and evolution of the unusual leaf epidermis of <i>Caryodaphnopsis</i> (Lauraceae). <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2014, 16, 296-309.	2.7	8
34	A new macrofossil ephedroid plant with unusual bract morphology from the Lower Cretaceous Jiufotang Formation of northeastern China. <i>BMC Evolutionary Biology</i> , 2020, 20, 19.	3.2	8
35	Species catalogue of Lauraceae in China: problems and perspectives. <i>Biodiversity Science</i> , 2015, 23, 232-236.	0.6	8
36	Thermal Management of Bone Drilling Based on Rotating Heat Pipe. <i>Energies</i> , 2022, 15, 35.	3.1	7

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37	Potential Suitable Habitat of Two Economically Important Forest Trees (<i>Acer truncatum</i> and <i>Tj ETQq1</i> 1 0.784314 rgBT /Overlock 10 1263.	2.1	6
38	Macrofossil evidence unveiling evolution of male cones in Ephedraceae (Gnetidae). <i>BMC Evolutionary Biology</i> , 2018, 18, 125.	3.2	5
39	Big fruits with tiny tepals: An unusual new species of Lauraceae from southwestern China. <i>PhytoKeys</i> , 2021, 179, 129-143.	1.0	5
40	New insights into biogeographical disjunctions between Taiwan and the Eastern Himalayas: The case of <i>Prinsepia</i> (Rosaceae). <i>Taxon</i> , 2020, 69, 278-289.	0.7	5
41	Correcting the type designation of <i>Phoebe calcareae</i> S. K. Lee & F. N. Wei (Lauraceae). <i>Taxon</i> , 2006, 55, 511-512.	0.7	4
42	New insights into the species problem. <i>Science China Life Sciences</i> , 2010, 53, 964-972.	4.9	4
43	Floral structure and ontogeny of <i>Syndiclis</i> (Lauraceae). <i>PLoS ONE</i> , 2017, 12, e0186358.	2.5	3
44	A new species of <i>Phoebe</i> (Lauraceae) from south-western China. <i>PhytoKeys</i> , 2020, 140, 101-106.	1.0	3
45	Organogels Derived from Potassium 8-Nitroquinolinecarboxylate. <i>Chinese Journal of Chemistry</i> , 2007, 25, 1389-1393.	4.9	2
46	(1754) Proposal to conserve the name <i>Ephedrites</i> (fossil Ephedraceae) with a conserved type. <i>Taxon</i> , 2006, 55, 1051-1052.	0.7	1
47	Notes on the typification of <i>Beilschmiedia xizangensis</i> (Lauraceae). <i>Taxon</i> , 2011, 60, 577-578.	0.7	1
48	(2408) Proposal to conserve the name <i>Ephedrites cheniae</i> (<i>Liaoxia cheniae</i>) against <i>Potamogeton jeholensis</i> (fossil Gnetales: Ephedraceae). <i>Taxon</i> , 2015, 64, 1331-1332.	0.7	1
49	Typification of <i>Juniperus pingii</i> W.C.Cheng (Cupressaceae). <i>PhytoKeys</i> , 2020, 170, 39-43.	1.0	1
50	Lectotypification of <i>Chamaecyparis hodginsii</i> of the Cupressaceae. <i>PhytoKeys</i> , 2021, 185, 117-122.	1.0	1
51	(1820) Proposal to Conserve the Name <i>Machilus</i> (Lauraceae) with a Conserved Type. <i>Taxon</i> , 2008, 57, 652.	0.7	0
52	Nomenclature notes on <i>Phoebe chekiangensis</i> (Lauraceae). <i>Taxon</i> , 2017, 66, 165-166.	0.7	0
53	Lectotypification of <i>Tsuga longibracteata</i> W.C.Cheng (Pinaceae). <i>PhytoKeys</i> , 2021, 172, 93-96.	1.0	0
54	Lectotypification of <i>Phoebe puwenensis</i> (Lauraceae). <i>Harvard Papers in Botany</i> , 2021, 26, .	0.2	0

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55	Dancing on the platform: Lability of floral organs of <i>Beilschmiedia appendiculata</i> (Lauraceae). Ecology and Evolution, 2021, 11, 17615-17624.	1.9	0