Alexander R Schmidt

List of Publications by Year
in descending order

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98 papers	2,848 citations	172457 29 h-index	223800 46 g-index
102 all docs	102 docs citations	102 times ranked	1866 citing authors

#	Article	IF	Citations
1	Estimating the Phanerozoic history of the Ascomycota lineages: Combining fossil and molecular data. Molecular Phylogenetics and Evolution, 2014, 78, 386-398.	2.7	197
2	Arthropods in amber from the Triassic Period. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14796-14801.	7.1	132
3	Extinction and dawn of the modern world in the Carnian (Late Triassic). Science Advances, 2020, 6, .	10.3	116
4	Production and preservation of resinsÂâ€“Âpast and present. Biological Reviews, 2018, 93, 1684-1714.	10.4	113
5	Epiphytic leafy liverworts diversified in angiosperm-dominated forests. Scientific Reports, 2014, 4, 5974.	3.3	104
6	One species or at least eight? Delimitation and distribution of Frullania tamarisci (L.) Dumort. s. l. (Jungermanniopsida, Porellales) inferred from nuclear and chloroplast DNA markers. Molecular Phylogenetics and Evolution, 2010, 56, 1105-1114.	2.7	99
7	A microworld in Triassic amber. Nature, 2006, 444, 835-835.	27.8	88
8	Cretaceous African life captured in amber. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7329-7334.	7.1	85
9	Evidence for marine microfossils from amber. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17426-17429.	7.1	60
10	Tramps, narrow endemics and morphologically cryptic species in the epiphyllous liverwort Diplasiolejeunea. Molecular Phylogenetics and Evolution, 2012, 65, 582-594.	2.7	59
11	Aquatic organisms as amber inclusions and examples from a modern swamp forest. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16581-16585.	7.1	55
12	Molecular Phylogeny of the Leafy Liverwort Lejeunea (Porellales): Evidence for a Neotropical Origin, Uneven Distribution of Sexual Systems and Insufficient Taxonomy. PLoS ONE, 2013, 8, e82547.	2.5	53
13	The mid-Miocene Zhangpu biota reveals an outstandingly rich rainforest biome in East Asia. Science Advances, 2021, 7, .	10.3	51
14	Plant-feeding mite diversity in Triassic amber (Acari: Tetrapodili). Journal of Systematic Palaeontology, 2015, 13, 129-151.	1.5	49
15	Diverse fossil amoebae in German Mesozoic amber. Palaeontology, 2004, 47, 185-197.	2.2	47
16	Ectomycorrhizas from a Lower Eocene angiosperm forest. New Phytologist, 2011, 192, 988-996.	7.3	47
17	The Mesozoic amber of Schliersee (southern Germany) is Cretaceous in age. Cretaceous Research, 2001, 22, 423-428.	1.4	41
18	Burmese amber fossils bridge the gap in the Cretaceous record of polypod ferns. Perspectives in Plant Ecology, Evolution and Systematics, 2016, 18, 70-78.	2.7	40

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19	LEPTOTRICHITES RESINATUS NEW GENUS AND SPECIES: A FOSSIL SHEATHED BACTERIUM IN ALPINE CRETACEOUS AMBER. Journal of Paleontology, 2005, 79, 175-184.	0.8	39
20	The leafy liverwort Frullania (Jungermanniopsida) in the Cretaceous amber forest of Myanmar. Review of Palaeobotany and Palynology, 2012, 169, 21-28.	1.5	39
21	Exploring the impact of fossil constraints on the divergence time estimates of derived liverworts. Plant Systematics and Evolution, 2013, 299, 585-601.	0.9	38
22	Exceptional preservation of marine diatoms in upper Albian amber. Geology, 2009, 37, 83-86.	4.4	37
23	Amber fossils of sooty moulds. Review of Palaeobotany and Palynology, 2014, 200, 53-64.	1.5	37
24	Sooty moulds from European Tertiary amber, with notes on the systematic position of Rosaria (â€˜Cyanobacteriaâ€™). Mycological Research, 2003, 107, 251-256.	2.5	36
25	Lejeuneaceae (Marchantiophyta) from a species-rich taphocoenosis in Miocene Mexican amber, with a review of liverworts fossilised in amber. Review of Palaeobotany and Palynology, 2015, 221, 59-70.	1.5	36
26	Alectorioid Morphologies in Paleogene Lichens: New Evidence and Re-Evaluation of the Fossil Alectoria succini MÃgdefrau. PLoS ONE, 2015, 10, e0129526.	2.5	36
27	Diversity and ecological adaptations in Palaeogene lichens. Nature Plants, 2017, 3, 17049.	9.3	35
28	Conservation, preparation and imaging of diverse ambers and their inclusions. Earth-Science Reviews, 2021, 220, 103653.	9.1	32
29	The first fossil of a bolbitidoid fern belongs to the earlyâ€divergent lineages of Elaphoglossum (Dryopteridaceae). American Journal of Botany, 2014, 101, 1466-1475.	1.7	31
30	Amber inclusions from New Zealand. Gondwana Research, 2018, 56, 135-146.	6.0	31
31	The extant liverwort Gackstroemia (Lepidolaenaceae, Porellales) in Cretaceous amber from Myanmar. Review of Palaeobotany and Palynology, 2014, 203, 48-52.	1.5	30
32	Stuck in time â€“ a new Chaenothecopsis species with proliferating ascomata from Cunninghamia resin and its fossil ancestors in European amber. Fungal Diversity, 2013, 58, 199-213.	12.3	29
33	Palaeoanellus dimorphus gen. et sp. nov. (Deuteromycotina): a Cretaceous predatory fungus. American Journal of Botany, 2008, 95, 1328-1334.	1.7	28
34	Kaolakia borealis nov. gen. et sp. (Porellales, Jungermanniopsida): A leafy liverwort from the Cretaceous of Alaska. Review of Palaeobotany and Palynology, 2011, 165, 235-240.	1.5	28
35	Comment on the letter of the Society of Vertebrate Paleontology (SVP) dated April 21, 2020 regarding â€œFossils from conflict zones and reproducibility of fossil-based scientific dataâ€: Myanmar amber. Palaontologische Zeitschrift, 2020, 94, 431-437.	1.6	28
36	Bryophytes of the Burmese amber forest: Amending and expanding the circumscription of the Cretaceous moss genus Vetiplanaxis. Review of Palaeobotany and Palynology, 2014, 209, 1-10.	1.5	26

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37	Sciadopityscladodes from Eocene Baltic amber. Botanical Journal of the Linnean Society, 2016, 180, 258-268.	1.6	24
38	The first fossil of Lindsaeaceae (Polypodiales) from the Cretaceous amber forest of Myanmar. Cretaceous Research, 2017, 72, 8-12.	1.4	24
39	Testate Amoebae from a Cretaceous Forest Floor Microbiocoenosis of France. Journal of Eukaryotic Microbiology, 2010, 57, 245-248.	1.7	23
40	Species-level determination of closely related araucarian resins using FTIR spectroscopy and its implications for the provenance of New Zealand amber. PeerJ, 2015, 3, e1067.	2.0	23
41	The oldest fossil myxogastroid slime mould. Mycological Research, 2003, 107, 123-126.	2.5	22
42	A new Dominican amber fossil of the derived fern genus Pleopeltis confirms generic stasis in the epiphytic fern diversity of the West Indies. Organisms Diversity and Evolution, 2015, 15, 277-283.	1.6	22
43	Carnivorous leaves from Baltic amber. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 190-195.	7.1	22
44	Evidence of Cenozoic Matoniaceae from Baltic and Bitterfeld amber. Review of Palaeobotany and Palynology, 2007, 144, 145-156.	1.5	20
45	A fossil species ofCeratolejeunea(Lejeuneaceae, Porellales) preserved in Miocene Mexican amber. Bryologist, 2014, 117, 10-14.	0.6	20
46	The Carnian Pluvial Episode and the first global appearance of amber. Journal of the Geological Society, 2018, 175, 1012-1018.	2.1	20
47	Crown Group Lejeuneaceae and Pleurocarpous Mosses in Early Eocene (Ypresian) Indian Amber. PLoS ONE, 2016, 11, e0156301.	2.5	20
48	A fossil genus of the Frullaniaceae (Porellales, Jungermanniopsida) from the mid-Cretaceous of Myanmar. Cretaceous Research, 2017, 74, 223-226.	1.4	18
49	Fossil evidence of eupolypod ferns in the mid-Cretaceous of Myanmar. Plant Systematics and Evolution, 2018, 304, 1-13.	0.9	18
50	Caspary's fungi from Baltic amber: historic specimens and new evidence. Papers in Palaeontology, 2019, 5, 365-389.	1.5	18
51	Selaginella was hyperdiverse already in the Cretaceous. New Phytologist, 2020, 228, 1176-1182.	7.3	18
52	A Burmese amber fossil of <i>Radula</i> (Porellales, Jungermanniopsida) provides insights into the Cretaceous evolution of epiphytic lineages of leafy liverworts. Fossil Record, 2017, 20, 201-213.	1.4	18
53	Diverse early dwarf mistletoes (Arceuthobium), ecological keystones of the Eocene Baltic amber biota. American Journal of Botany, 2017, 104, 694-718.	1.7	17
54	Revealing the diversity of amber source plants from the Early Cretaceous Crato Formation, Brazil. BMC Evolutionary Biology, 2020, 20, 107.	3.2	17

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55	Microbes in Resinous Habitats: A Compilation from Modern and Fossil Resins. Lecture Notes in Earth Sciences, 2011, , 391-407.	0.5	17
56	Molecular and Morphological Evidence Challenges the Records of the Extant Liverwort Ptilidium pulcherrimum in Eocene Baltic Amber. PLoS ONE, 2015, 10, e0140977.	2.5	17
57	Lichenâ€associated fungi from Paleogene amber. New Phytologist, 2016, 209, 896-898.	7.3	16
58	The leafy liverwort Notoscyphus balticus sp. nov. (Jungermanniales) in Eocene Baltic amber. Review of Palaeobotany and Palynology, 2015, 217, 39-44.	1.5	15
59	The Bromeliaceae tank dweller Bromeliophila (Lejeuneaceae, Porellales) is a member of the Cyclolejeunea-Prionolejeunea clade. Plant Systematics and Evolution, 2014, 300, 63-73.	0.9	14
60	<p align="left">Chaenothecopsis neocaledonica sp. nov.: The first resinicolous mycocalicioid fungus from an araucarian conifer. Phytotaxa, 2014, 173, 49.	0.3	14
61	The intriguing marine diatom genus Corethron in Late Cretaceous amber from VendÃ©e (France). Cretaceous Research, 2015, 52, 64-72.	1.4	14
62	Graminids from Eocene Baltic amber. Review of Palaeobotany and Palynology, 2016, 233, 161-168.	1.5	14
63	A fossil species of the enigmatic early polypod fern genus Cystodium (Cystodiaceae) in Cretaceous amber from Myanmar. Scientific Reports, 2017, 7, 14615.	3.3	14
64	Heinrichsia cheilanthoidesgen. et sp. nov., a fossil fern in the family Pteridaceae (Polypodiales) from the Cretaceous amber forests of Myanmar. Journal of Systematics and Evolution, 2019, 57, 329-338.	3.1	14
65	An acrocarpous moss in Cretaceous amber from Myanmar. Cretaceous Research, 2014, 51, 260-265.	1.4	13
66	Morphological Convergence in Forest Microfungi Provides a Proxy for Paleogene Forest Structure. , 2018, , 527-549.		13
67	How diverse were ferns in the Baltic amber forest?. Journal of Systematics and Evolution, 2019, 57, 305-328.	3.1	13
68	The enigmatic hyphomycete Torula sensu Caspary revisited. Review of Palaeobotany and Palynology, 2015, 219, 183-193.	1.5	12
69	Revision of the leafy liverwort genus Radula (Porellales, Jungermanniopsida) in Baltic and Bitterfeld amber. Review of Palaeobotany and Palynology, 2016, 235, 157-164.	1.5	12
70	A Caribbean epiphyte community preserved in Miocene Dominican amber. Earth and Environmental Science Transactions of the Royal Society of Edinburgh, 2016, 107, 321-331.	0.3	12
71	Checklist of fossil liverworts suitable for calibrating phylogenetic reconstructions. Bryophyte Diversity and Evolution, 2021, 43, .	1.1	12
72	A FossilScapania(Hepaticae) with Perianth and Capsule in Bitterfeld Amber (Eocene) from Germany. Bryologist, 2001, 104, 362-366.	0.6	11

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73	A conifer seedling with two herbicolous fungi from the Baltic amber forest. Botanical Journal of the Linnean Society, 0, 155, 449-456.	1.6	11
74	The leafy liverwort genus Lejeunea (Porellales, Jungermanniopsida) in Miocene Dominican amber. Review of Palaeobotany and Palynology, 2017, 238, 144-150.	1.5	11
75	Calicioid lichens and fungi in amber â€“ Tracing extant lineages back to the Paleogene. Geobios, 2018, 51, 469-479.	1.4	11
76	Miocene Ethiopian amber: A new source of fossil cryptogams. Journal of Systematics and Evolution, 2022, 60, 932-954.	3.1	11
77	Marine microorganisms as amber inclusions: insights from coastal forests of New Caledonia. Fossil Record, 2018, 21, 213-221.	1.4	11
78	AN ARCHAIC SLIME MOULD IN BALTIC AMBER. Palaeontology, 2006, 49, 1013-1017.	2.2	9
79	Transfer of the MioceneLejeunea palaeomexicanaGrolle toCeratolejeunea. Cryptogamie, Bryologie, 2015, 36, 335-341.	0.2	9
80	Re-appraisal of two fossil Frullaniaceae species (Marchantiophyta, Porellales) from the mid-Cretaceous Burmese amber. Cretaceous Research, 2021, 124, 104803.	1.4	9
81	Liverworts from Cretaceous amber. Cretaceous Research, 2021, 128, 104987.	1.4	9
82	Frullania grabenhorstii sp. nov., a fossil liverwort (Jungermanniopsida: Frullaniaceae) with perianth from Bitterfeld amber. Bryophyte Diversity and Evolution, 2018, 40, 91.	1.1	9
83	Diversity of lichen-associated filamentous fungi preserved in European Paleogene amber. Earth and Environmental Science Transactions of the Royal Society of Edinburgh, 2016, 107, 311-320.	0.3	8
84	Resinogalea humboldtensis gen. et sp. nov., a New Resinicolous Fungus from New Caledonia, Placed in Bruceomycetaceaefam. nova(Ascomycota). Annales Botanici Fennici, 2016, 53, 205-215.	0.1	8
85	Resin exudation and resinicolous communities on Araucaria humboldtensis in New Caledonia. Arthropod-Plant Interactions, 2017, 11, 495-505.	1.1	8
86	Morphological stasis in the first myxomycete from the Mesozoic, and the likely role of cryptobiosis. Scientific Reports, 2019, 9, 19730.	3.3	8
87	Rosaria succina spec. nov. - a fossil cyanobacterium from Tertiary amber. Journal of Basic Microbiology, 2000, 40, 327-332.	3.3	7
88	Notoscyphus grollei sp. nov. in Bitterfeld amber rather than the extant Notoscyphus lutescens (Lehm.) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.3	7
89	Crustose lichens with lichenicolous fungi from Paleogene amber. Scientific Reports, 2019, 9, 10360.	3.3	7
90	An Exceptionally Preserved Terrestrial Record of LIP Effects on Plants in the Carnian (Upper Triassic) Amber-Bearing Section of the Dolomites, Italy. Frontiers in Earth Science, 0, 10, .	1.8	7

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91	Transfer of the EoceneJungermannia berendtiiGrolle toSolenostoma. Cryptogamie, Bryologie, 2015, 36, 285-288.	0.2	6
92	Chaenothecopsis schefflerae (Ascomycota: Mycocaliciales): a widespread fungus on semi-hardened exudates of endemic New Zealand Araliaceae. New Zealand Journal of Botany, 2017, 55, 387-406.	1.1	6
93	Problems related to the taxonomic placement of incompletely preserved amber fossils: transfer of the Paleogene liverwort <i>Cylindrocolea dimorpha</i> (Cephaloziellaceae) to the extant <i>Odontoschisma</i> sect. <i>Iwatsukia</i> (Cephaloziaceae). Fossil Record, 2017, 20, 147-157.	1.4	6
94	Fossil Usnea and similar fruticose lichens from Palaeogene amber. Lichenologist, 2020, 52, 319-324.	0.8	4
95	Uncovering the natural variability of araucariacean exudates from ex situ and in situ tree populations in New Caledonia using FTIR spectroscopy. , 0, 4, e17.		2
96	Fossil evidence of lichen grazing from Paleogene amber. Review of Palaeobotany and Palynology, 2022, , 104664.	1.5	1
97	Parasitaxus parasitized: novel infestation of Parasitaxus usta (Podocarpaceae). Arthropod-Plant Interactions, 2017, 11, 507-514.	1.1	0
98	Jochen Heinrichs March 14, 1969 â€“ April 22, 2018. Cryptogamie, Bryologie, 2018, 39, 407-412.	0.2	0