Torsten Wappler

List of Publications by Year
in descending order

105	5,216	159585	98798
papers	citations	30 h-index	67 g-index

109	109	109	5018
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phylogenomics resolves the timing and pattern of insect evolution. Science, 2014, 346, 763-767.	12.6	2,096
2	Evolutionary History of the Hymenoptera. Current Biology, 2017, 27, 1013-1018.	3.9	611
3	The earliest known holometabolous insects. Nature, 2013, 503, 257-261.	27.8	165
4	An integrative phylogenomic approach illuminates the evolutionary history of cockroaches and termites (Blattodea). Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20182076.	2.6	143
5	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
6	No post-Cretaceous ecosystem depression in European forests? Rich insect-feeding damage on diverse middle Palaeocene plants, Menat, France. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 4271-4277.	2.6	97
7	Debris-carrying camouflage among diverse lineages of Cretaceous insects. Science Advances, 2016, 2, e1501918.	10.3	87
8	Late Permian (Lopingian) terrestrial ecosystems: A global comparison with new data from the low-latitude Bletterbach Biota. Earth-Science Reviews, 2017, 175, 18-43.	9.1	59
9	Ancient death-grip leaf scars reveal antâ€“fungal parasitism. Biology Letters, 2011, 7, 67-70.	2.3	56
10	Testing for the Effects and Consequences of Mid Paleogene Climate Change on Insect Herbivory. PLoS ONE, 2012, 7, e40744.	2.5	54
11	Insect herbivory close to the Oligoceneâ€“Miocene transition â€” A quantitative analysis. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 292, 540-550.	2.3	53
12	A Triassic-Jurassic window into the evolution of Lepidoptera. Science Advances, 2018, 4, e1701568.	10.3	51
13	A Diverse Paleobiota in Early Eocene Fushun Amber from China. Current Biology, 2014, 24, 1606-1610.	3.9	50
14	Floral Assemblages and Patterns of Insect Herbivory during the Permian to Triassic of Northeastern Italy. PLoS ONE, 2016, 11, e0165205.	2.5	50
15	Distinguishing Agromyzidae (Diptera) Leaf Mines in the Fossil Record: New Taxa from the Paleogene of North America and Germany and Their Evolutionary Implications. Journal of Paleontology, 2010, 84, 935-954.	0.8	49
16	An integrative phylogenomic approach to elucidate the evolutionary history and divergence times of Neuropterida (Insecta: Holometabola). BMC Evolutionary Biology, 2020, 20, 64.	3.2	48
17	Scratching an ancient itch: an Eocene bird louse fossil. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, S255-8.	2.6	47
18	Brood care in a 100-million-year-old scale insect. ELife, 2015, 4, .	6.0	45

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19	Direct and indirect fossil records of megachilid bees from the Paleogene of Central Europe (Hymenoptera: Megachilidae). Die Naturwissenschaften, 2009, 96, 703-712.	1.6	42
20	Geometric morphometric analysis of a new Miocene bumble bee from the Randeck Maar of southwestern Germany (Hymenoptera: Apidae). Systematic Entomology, 2012, 37, 784-792.	3.9	40
21	Greater past disparity and diversity hints at ancient migrations of European honey bee lineages into Africa and Asia. Journal of Biogeography, 2013, 40, 1832-1838.	3.0	40
22	Herbivory in early Tertiary Arctic forests. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 310, 283-295.	2.3	38
23	Lycopsidâ€“arthropod associations and odonatopteran oviposition on Triassic herbaceous Isoetites. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 344-345, 6-15.	2.3	38
24	THE MIDDLE EOCENE BEE FAUNAS OF ECKFELD AND MESSEL, GERMANY (HYMENOPTERA: APOIDEA). Journal of Paleontology, 2003, 77, 908-921.	0.8	37
25	Specialized and Generalized Pollen-Collection Strategies in an Ancient Bee Lineage. Current Biology, 2015, 25, 3092-3098.	3.9	36
26	New Middle Eocene Formicid Species from Germany and the Evolution of Weaver Ants. Acta Palaeontologica Polonica, 2008, 53, 615-626.	0.4	35
27	The Middle Eocene bee faunas of Eckfeld and Messel, Germany (Hymenoptera: Apoidea). Journal of Paleontology, 2003, 77, 908-921.	0.8	34
28	Plantâ€“insect interactions from Middle Triassic (late Ladinian) of Monte Agnello (Dolomites,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	2.0	34
29	Galls and gall makers on plant leaves from the lower Miocene (Burdigalian) of the Czech Republic: Systematic and palaeoecological implications. Review of Palaeobotany and Palynology, 2013, 188, 38-51.	1.5	32
30	Floodplain habitats of braided river systems: depositional environment, flora and fauna of the Solling Formation (Buntsandstein, Lower Triassic) from Bremke and FÃ¼rstenberg (Germany). Palaeobiodiversity and Palaeoenvironments, 2014, 94, 237-270.	1.5	31
31	Plantâ€“arthropod associations from the Early Miocene of the Most Basin in North Bohemiaâ€”Palaeoecological and palaeoclimatological implications. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 321-322, 102-112.	2.3	30
32	Resilience of plant-insect interactions in an oak lineage through Quaternary climate change. Paleobiology, 2015, 41, 174-186.	2.0	30
33	A NEW RECORD OF MASTOTERMES FROM THE EOCENE OF GERMANY (ISOPTERA: MASTOTERMITIDAE). Journal of Paleontology, 2006, 80, 380-385.	0.8	29
34	Plant-insect interactions in the upper Oligocene of Enspel (Westerwald, Germany), including an extended mathematical framework for rarefaction. Palaeobiodiversity and Palaeoenvironments, 2015, 95, 55-75.	1.5	29
35	Reconstruction of a Late Cisuralian (Early Permian) floodplain lake environment: Palaeontology and sedimentology of the Tregiovo Basin (Trentino-Alto Adige, Northern Italy). Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 440, 180-200.	2.3	28
36	Evolutionary history and divergence times of Odonata (dragonflies and damselflies) revealed through transcriptomics. IScience, 2021, 24, 103324.	4.1	25

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37	Sharp changes in plant diversity and plant-herbivore interactions during the Eoceneâ€“Oligocene transition on the southeastern Qinghai-Tibetan Plateau. Global and Planetary Change, 2020, 194, 103293.	3.5	24
38	Preservation of Armoured Scale Insects on Angiosperm Leaves from the Eocene of Germany. Acta Palaeontologica Polonica, 2008, 53, 627-634.	0.4	23
39	Eckfeld Maar: Window into an Eocene Terrestrial Habitat in Central Europe. Acta Geologica Sinica, 2010, 84, 984-1009.	1.4	23
40	Miocene honey bees from the Randeck Maar of southwestern Germany (Hymenoptera, Apidae). ZooKeys, 2011, 96, 11-37.	1.1	23
41	Monte Carlo simulations of the dynamical behavior of the Coulomb glass. Physical Review B, 1997, 55, 6272-6277.	3.2	22
42	Mid-Cretaceous charred fossil flowers reveal direct observation of arthropod feeding strategies. Biology Letters, 2012, 8, 295-298.	2.3	21
43	Plant-insect interactions patterns in three European paleoforests of the late-Neogeneâ€”early-Quaternary. PeerJ, 2018, 6, e5075.	2.0	21
44	New fossil lace bugs (Heteroptera: Tingidae) from the Middle Eocene of the Grube Messel (Germany), with a catalog of fossil lace bugs. Zootaxa, 2003, 374, 1.	0.5	20
45	Before the â€˜Big Chillâ€™: Patterns of plant-insect associations from the Neogene of Iceland. Global and Planetary Change, 2016, 142, 73-86.	3.5	20
46	A miniaturized beetle larva in Cretaceous Burmese amber: reinterpretation of a fossil â€œstrepsipteran triungulinâ€• Insect Systematics and Evolution, 2016, 47, 83-91.	0.7	20
47	Evidence of plantâ€“insect interaction in the Early Cretaceous Flora from the Crato Formation, Araripe Basin, Northeast Brazil. Historical Biology, 2019, 31, 926-937.	1.4	20
48	The diversity of Odonata and their endophytic ovipositions from the Upper Oligocene FossillagerstÃtte of Rott (Rhineland, Germany). ZooKeys, 2011, 130, 67-89.	1.1	19
49	Extreme adaptations for aquatic ectoparasitism in a Jurassic fly larva. ELife, 2014, 3, e02844.	6.0	19
50	Aneurussp. from the early Miocene Foulden Maar, New Zealand: the first Southern Hemisphere record of fossil Aradidae (Insecta: Hemiptera: Heteroptera). Journal of the Royal Society of New Zealand, 2011, 41, 279-285.	1.9	18
51	Plantâ€Arthropod Associations from the Lower Miocene of the Most Basin in Northern Bohemia (Czech) Tj ETQq1 1 0.784314 rgBT /Ov	1.4	17
52	Response to Comment on â€œPhylogenomics resolves the timing and pattern of insect evolutionâ€• Science, 2015, 349, 487-487.	12.6	17
53	Bernasso, a paleoforest from the early Pleistocene: New input from plantâ€“insect interactions (HÃ©rault, France). Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 446, 78-84.	2.3	17
54	High richness of insect herbivory from the early Miocene Hindon Maar crater, Otago, New Zealand. PeerJ, 2017, 5, e2985.	2.0	16

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55	Morphological and Behavioral Convergence in Extinct and Extant Bugs: The Systematics and Biology of a New Unusual Fossil Lace Bug from the Eocene. PLoS ONE, 2015, 10, e0133330.	2.5	15
56	Taxonomic description of in situ bee pollen from the middle Eocene of Germany. Grana, 2017, 56, 37-70.	0.8	15
57	Fossil ants of the genus Gesomyrmex Mayr (Hymenoptera, Formicidae) from the Eocene of Europe and remarks on the evolution of arboreal ant communities. Zootaxa, 2009, 2031, 1-20.	0.5	15
58	New and little-known grylloblattids of the family Geinitziidae (Insecta: Grylloblattida) from the Triassic and Jurassic of Europe, Asia, and South Africa. Paleontological Journal, 2009, 43, 418-424.	0.5	14
59	LUTETIACADER, A PUZZLING NEW GENUS OF CANTACADERID LACE BUGS (HETEROPTERA: TINGIDAE) FROM THE MIDDLE EOCENE MESSEL MAAR, GERMANY. Palaeontology, 2006, 49, 435-444.	2.2	13
60	A new bark-gnawing beetle (Coleoptera, Trogossitidae) from the middle Eocene of Europe, with a checklist of fossil Trogossitidae. Zootaxa, 2009, 1993, 17-26.	0.5	13
61	Before the â€˜Big Chillâ€™: A preliminary overview of arthropods from the middle Miocene of Iceland (Insecta, Crustacea). Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 401, 1-12.	2.3	13
62	Changes in pattern of plant-insect interactions on the Persian ironwood (Parrotia persica,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td	1.5	13
63	A case of long-term herbivory: specialized feeding trace on Parrotia (Hamamelidaceae) plant species. Royal Society Open Science, 2020, 7, 201449.	2.4	13
64	New Megapodagrionid Damselflies (Odonata: Zygoptera) from the Paleogene of Europe. Journal of Paleontology, 2008, 82, 1173-1181.	0.8	12
65	PLANT-INSECT INTERACTIONS ON DICOTS AND FERNS FROM THE MIOCENE OF ARGENTINA. Palaios, 2018, 33, 338-352.	1.3	12
66	Palaeontology: The Point of No Return in the Fossil Record of Eusociality. Current Biology, 2016, 26, R159-R161.	3.9	10
67	A Robinson Crusoe story in the fossil record: Plant-insect interactions from a Middle Jurassic ephemeral volcanic island (Eastern Spain). Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 583, 110655.	2.3	10
68	Insect herbivores on Laurophyllum lanigeroides (Engelhardt 1922) Wilde: the role of a distinct plant-insect associational suite in host taxonomic assignment. Palaeontographica Abteilung B: Palaeophytologie, 2010, 283, 137-155.	1.6	10
69	Giant ants and their shape: revealing relationships in the genusTitanomyrmawith geometric morphometrics. PeerJ, 2018, 6, e4242.	2.0	10
70	Character stateâ€based taxa erected to accommodate fossil and extant needle stoneflies (Leuctridae â€“) Tj ETQq0 0 0 rgBT /Overlock	3.9	9
71	Diversity, taphonomy and palaeoecology of plantâ€“arthropod interactions in the lower Miocene (Burdigalian) in the Most Basin in north-western Bohemia (Czech Republic). Review of Palaeobotany and Palynology, 2015, 219, 52-70.	1.5	8
72	First record of the family Trogossitidae (Insecta, Coleoptera) in the Late Pliocene deposits of Willershausen (Germany). Palaontologische Zeitschrift, 2016, 90, 681-689.	1.6	8

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73	Insect herbivory patterns in late Eocene coastal lowland riparian associations from central Germany. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 491, 170-184.	2.3	8
74	A Paleogene leaf flora (Profen, Sachsen-Anhalt, Germany) and its potentials for palaeoecological and palaeoclimate reconstructions. Flora: Morphology, Distribution, Functional Ecology of Plants, 2019, 254, 71-87.	1.2	8
75	A new trap-jaw ant species of the genus Odontomachus (Hymenoptera: Formicidae: Ponerinae) from the Early Miocene (Burdigalian) of the Czech Republic. Palaontologische Zeitschrift, 2014, 88, 495-502.	1.6	7
76	New fossil insects from the Anisian (Lower to Middle Muschelkalk) from the Central European Basin (Germany and The Netherlands). Palaontologische Zeitschrift, 2017, 91, 185-194.	1.6	7
77	The paralic Albianâ€“Cenomanian Puy-Puy LagerstÃtte (AquitaineÂBasin,ÂFrance): An overview and new data. Cretaceous Research, 2020, 111, 104124.	1.4	6
78	The wing venation of the Protomyrmeleontidae (Insecta: Odonatoptera) reconsidered thanks to a new specimen from Molteno (Triassic; South Africa). Historical Biology, 2021, 33, 306-312.	1.4	6
79	Palaeozoic insect nymphs: new finds from the Piesberg quarry (Upper Carboniferous, Germany). Bulletin of Geosciences, 2013, , 779-791.	1.1	6
80	A primitive honey bee from the Middle Miocene deposits of southeastern Yunnan, China (Hymenoptera,) Tj ETQq0 0 0 rgBT /Overlock 10	1.1	5
81	The oldest record of straight-snouted weevils (Coleoptera: Curculionoidea: Brentidae: Brentinae) from the Eocene of Germany. Historical Biology, 2021, 33, 1464-1472.	1.4	5
82	Haglidae (Insecta: Orthoptera) from the Upper Triassic Molteno Formation in southern Africa. Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen, 2001, 222, 329-352.	0.4	5
83	A new triadotypid insect from the Late Triassic of South Africa. Acta Palaeontologica Polonica, 0, 62, .	0.4	5
84	Insect and Plant Diversity in Hot-Spring Ecosystems during the Jurassic-Cretaceous Boundary from Spain (Aguilar Fm., Palencia). Biology, 2022, 11, 273.	2.8	5
85	Plantâ€“insect interactions from the Late Pennsylvanian of the Iberian Peninsula (LeÃ³n, northern Spain). Review of Palaeobotany and Palynology, 2022, 301, 104658.	1.5	5
86	Plantâ€“insect interactions from the mid-Cretaceous at Puy-Puy (Aquitaine Basin, western France) indicates preferential herbivory for angiosperms amid a forest of ferns, gymnosperms, and angiosperms. Botany Letters, 2022, 169, 568-587.	1.4	5
87	New megapodagrionid damselflies (Odonata: Zygoptera) from the Paleogene of Europe. Journal of Paleontology, 2008, 82, 1173-1181.	0.8	4
88	The first fossil record of Polyrhachis (Hymenoptera: Formicidae: Formicinae) from the Upper Miocene of Crete (Greece). Palaontologische Zeitschrift, 2009, 83, 431-438.	1.6	4
89	Wasp mimicry among Palaeocene reduviid bug from Svalbard. Acta Palaeontologica Polonica, 0, , .	0.4	4
90	The oldest species of Pompilidae to date, a new fossil spider wasp (Hymenoptera: Pompilidae). Historical Biology, 2019, , 1-4.	1.4	4

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91	The Triassic Mesophlebiidae, a little closer to the crown of the Odonata (Insecta) than other â€˜triassolestidsâ€™. Alcheringa, 2020, 44, 279-285.	1.2	4
92	A fossil sawfly of the genus Athalia (Hymenoptera: Tenthredinidae) from the Eoceneâ€“Oligocene boundary of Altkirch, France. Comptes Rendus - Palevol, 2005, 4, 7-16.	0.2	3
93	Palaeontinidae (Insecta: Hemiptera: Cicadomorpha) from the Upper Jurassic Solnhofen Limestone of Germany and their phylogenetic significance. Geological Magazine, 2010, 147, 570-580.	1.5	3
94	First record of insects in lignite-bearing formations (upper Eocene) of the central German Leipzig Embayment. Palaontologische Zeitschrift, 2017, 91, 315-326.	1.6	3
95	Leaf-mimicking katydids from the Middle Miocene of Yunnan, southwestern China (Orthoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	3
96	High frequency of arthropod herbivore damage in the Miocene Huaitoutala flora from the Qaidam Basin, northern Tibetan Plateau. Review of Palaeobotany and Palynology, 2022, 297, 104569.	1.5	3
97	Bibionidae (Diptera) from the late Miocene of HrÃºtagil (MÃ³kollsdalur), Iceland. Palaontologische Zeitschrift, 2017, 91, 195-205.	1.6	2
98	Fossil dragonflies (Odonata: Anisoptera) from the late Oligocene Fossil-LagerstÃtte Enspel (Rhineland-Palatinate, SW Germany) . Palaeoentomology, 2020, 3, 284-300.	1.0	2
99	Nilssoniopteris longifolius Chang from the Middleâ€“Late Jurassic of China: Implications for Bennettitales-insect interactions. Review of Palaeobotany and Palynology, 2022, 297, 104582.	1.5	2
100	First plant-insect interactions on Cretaceous Caytoniales (genus Sagenopteris) from the Lower Cretaceous (Albian) of Spain. Cretaceous Research, 2022, 138, 105295.	1.4	2
101	New flatbug (Hemiptera: Heteroptera: Aradidae) records from the Middle Eocene Messel Maar, Germany. Palaontologische Zeitschrift, 2015, 89, 653-660.	1.6	1
102	Plant-Insect Interactions in Deep Time: Contributions from the 8th International Organisation of Palaeobotany Conference in Bonn, Germany, August 30 â€“ September 5, 2008. Palaeontographica Abteilung B: Palaeophytologie, 2010, 283, 99-101.	1.6	1
103	Upper Pleistocene blow flies (Diptera: Calliphoridae) trapped in fossilized crania of large mammals discovered from gravel pits in the Rhine rift valley from Hesse (Germany). Palaeontologia Electronica, 0, , .	0.9	1
104	Plantâ€“insect interactions from the Late Oligocene of Spain (La Val fossil site, Estadilla, Huesca) and their palaeoclimatological implications. Palaeogeography, Palaeoclimatology, Palaeoecology, 2022, 586, 110782.	2.3	1
105	DARMSTADT: The Paleontological Collections of Hessisches Landesmuseum Darmstadt. Natural History Collections, 2018, , 157-164.	0.1	0