

Malte C Ebach

List of Publications by Year in descending order

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Version: 2024-02-01

144
papers

2,705
citations

159585

30
h-index

223800

46
g-index

159
all docs

159
docs citations

159
times ranked

2080
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA barcoding is no substitute for taxonomy. <i>Nature</i> , 2005, 434, 697-697.	27.8	197
2	Taxonomic Impediment or Impediment to Taxonomy? A Commentary on Systematics and the Cybertaxonomic-Automation Paradigm. <i>Evolutionary Biology</i> , 2007, 34, 140-143.	1.1	179
3	Impediments to taxonomy and users of taxonomy: accessibility and impact evaluation. <i>Cladistics</i> , 2011, 27, 550-557.	3.3	114
4	More Taxonomy, Not DNA Barcoding. <i>BioScience</i> , 2005, 55, 823.	4.9	95
5	Comparative Biogeography. , 2019, , .		79
6	International Code of Area Nomenclature. <i>Journal of Biogeography</i> , 2008, 35, 1153-1157.	3.0	76
7	Quantifying Phytogeographical Regions of Australia Using Geospatial Turnover in Species Composition. <i>PLoS ONE</i> , 2014, 9, e92558.	2.5	76
8	Cladistic biogeography and the art of discovery. <i>Journal of Biogeography</i> , 2002, 29, 427-444.	3.0	57
9	A revised area taxonomy of phytogeographical regions within the Australian Bioregionalisation Atlas. <i>Phytotaxa</i> , 2015, 208, 261.	0.3	57
10	Does counting species count as taxonomy? On misrepresenting systematics, yet again. <i>Cladistics</i> , 2014, 30, 322-329.	3.3	56
11	Phylogenetic biogeography deconstructed. <i>Journal of Biogeography</i> , 2003, 30, 1285-1296.	3.0	53
12	The Nature of Classification. , 2014, , .		51
13	Cladistic biogeographic analysis suggests an early Caribbean diversification in Mexico. <i>Die Naturwissenschaften</i> , 2007, 94, 561-565.	1.6	49
14	Aphyly: A Systematic Designation for a Taxonomic Problem. <i>Evolutionary Biology</i> , 2010, 37, 123-127.	1.1	47
15	A systematic revision of the family Harpetidae (Trilobita). <i>Records of the Western Australian Museum</i> , 2002, 21, 235.	0.8	45
16	CLADISTIC ANALYSIS OF DASYUROMORPHIAN (MARSUPIALIA) PHYLOGENY USING CRANIAL AND DENTAL CHARACTERS. <i>Journal of Mammalogy</i> , 2000, 81, 1008-1024.	1.3	43
17	A question of conflict: Threeâ€item and standard parsimony compared. <i>Systematics and Biodiversity</i> , 2003, 1, 145-149.	1.2	43
18	Drowning by Numbers: Rereading Nelson's â€œNullius in Verbaâ€. <i>Botanical Review</i> , The, 2005, 71, 415-430.	3.9	43

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19	Adolf Naef (1883–1949): On Foundational Concepts and Principles of Systematic Morphology. <i>Journal of the History of Biology</i> , 2013, 46, 445-510.	0.5	41
20	Anschauung and the Archetype. <i>Janus Head</i> , 2005, 8, 254-270.	0.0	41
21	Phylogeny of the Trilobite Subgenus <i>Acanthopyge</i> (<i>Lobopyge</i>). <i>Cladistics</i> , 2001, 17, 1-10.	3.3	40
22	The reform of palaeontology and the rise of biogeography – 25 years after – ontogeny, phylogeny, paleontology and the biogenetic law™ (Nelson, 1978). <i>Journal of Biogeography</i> , 2004, 31, 685-712.	3.0	40
23	Confusing homologs as homologies: a reply to ‘On homology’. <i>Cladistics</i> , 2012, 28, 223-224.	3.3	39
24	Towards an Australian Bioregionalisation Atlas: A provisional area taxonomy of Australia™s biogeographical regions. <i>Zootaxa</i> , 2013, 3619, 315-42.	0.5	39
25	Paralogy and the Centre of Origin Concept. <i>Cladistics</i> , 1999, 15, 387-391.	3.3	37
26	The Devonian trilobite <i>Cordania</i> from Australia. <i>Journal of Paleontology</i> , 1999, 73, 431-436.	0.8	36
27	On the Typology of Relations. <i>Evolutionary Biology</i> , 2019, 46, 71-89.	1.1	36
28	Reinvention of Australasian Biogeography. , 2017, , .		36
29	The first biogeographical map. <i>Journal of Biogeography</i> , 2006, 33, 761-769.	3.0	35
30	Defining and redefining monophyly: Haeckel, Hennig, Ashlock, Nelson and the proliferation of definitions. <i>Australian Systematic Botany</i> , 2013, 26, 347.	0.9	34
31	Molecular systematics and the ‘blender of optimization™: is there a crisis in systematics?. <i>Systematics and Biodiversity</i> , 2010, 8, 481-484.	1.2	33
32	Fine-scale quantification of floral and faunal breaks and their geographic correlates, with an example from south-eastern Australia. <i>Journal of Biogeography</i> , 2012, 39, 1862-1876.	3.0	32
33	Aphyly: identifying the flotsam and jetsam of systematics. <i>Cladistics</i> , 2018, 34, 459-466.	3.3	32
34	Paraphyly is bad taxonomy. <i>Taxon</i> , 2006, 55, 831-832.	0.7	31
35	Taxonomy and the DNA Barcoding Enterprise. <i>Zootaxa</i> , 2011, 2742, .	0.5	31
36	Cladistic analysis of Chinese Soil Taxonomy. <i>Geoderma Regional</i> , 2017, 10, 11-20.	2.1	30

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37	A history of biogeographical regionalisation in Australia. <i>Zootaxa</i> , 2012, 3392, .	0.5	29
38	Evidence and hypothesis in biogeography. <i>Journal of Biogeography</i> , 2013, 40, 813-820.	3.0	29
39	Phenetics and its application. <i>Cladistics</i> , 2012, 28, 229-230.	3.3	28
40	The dichotomy of the modern bioregionalization revival. <i>Journal of Biogeography</i> , 2015, 42, 1801-1808.	3.0	28
41	What is Intuitive Taxonomic Practise?. <i>Systematic Biology</i> , 2017, 66, syw094.	5.6	28
42	E quindi uscimmo a riveder le stelle. <i>Cladistics</i> , 2013, 29, 227-227.	3.3	27
43	Reading Trees. <i>Zootaxa</i> , 2014, 3814, 297.	0.5	27
44	Ronald Brady and the cladists. <i>Cladistics</i> , 2020, 36, 218-226.	3.3	27
45	Anti-intellectualism in the DNA Barcoding Enterprise. <i>Zoologia</i> , 2010, 27, 165-178.	0.5	24
46	Assumption 2: opaque to intuition?. <i>Journal of Biogeography</i> , 2005, 32, 781-787.	3.0	23
47	Bioregionalisation of the freshwater zoogeographical areas of mainland China. <i>Zootaxa</i> , 2020, 4742, zootaxa.4742.2.3.	0.5	19
48	PATTERNS OF EVOLUTION AND EXTINCTION IN THE LAST HARPETID TRILOBITES DURING THE LATE DEVONIAN (FRASNIAN). <i>Palaeontology</i> , 2009, 52, 11-33.	2.2	16
49	Establishing a Framework for a Natural Area Taxonomy. <i>Acta Biotheoretica</i> , 2017, 65, 167-177.	1.5	15
50	A novel approach to time-slicing areas within biogeographic-area classifications: Wallacea as an example. <i>Australian Systematic Botany</i> , 2017, 30, 495.	0.9	14
51	Evaluating Devonian bioregionalization: quantifying biogeographic areas. <i>Paleobiology</i> , 2019, 45, 636-651.	2.0	14
52	A review of transition zones in biogeographical classification. <i>Biological Journal of the Linnean Society</i> , 2020, 131, 717-736.	1.6	14
53	A new cladistics of cladists. <i>Biology and Philosophy</i> , 2007, 23, 153-156.	1.4	13
54	What, Exactly, is Cladistics? Re-writing the History of Systematics and Biogeography. <i>Acta Biotheoretica</i> , 2009, 57, 249-268.	1.5	13

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55	Do phytogeographic patterns reveal biomes or biotic regions?. <i>Cladistics</i> , 2019, 35, 654-670.	3.3	13
56	Cladistic Biogeography: Component-Based Methods and Paleontological Application. <i>Topics in Geobiology</i> , 2001, , 235-289.	0.5	12
57	Forum on historical biogeography: what is cladistic biogeography?. <i>Journal of Biogeography</i> , 2005, 32, 2179-2183.	3.0	11
58	Spatial variation in the climatic predictors of species compositional turnover and endemism. <i>Ecology and Evolution</i> , 2014, 4, 3264-3278.	1.9	11
59	Quantifying High Resolution Transitional Breaks in Plant and Mammal Distributions at Regional Extent and Their Association with Climate, Topography and Geology. <i>PLoS ONE</i> , 2013, 8, e59227.	2.5	10
60	Francisco JosÃ© de Caldas and the early development of plant geography. <i>Journal of Biogeography</i> , 2015, 42, 2023-2030.	3.0	10
61	An interim global bioregionalisation of Devonian areas. <i>Palaeobiodiversity and Palaeoenvironments</i> , 2018, 98, 527-547.	1.5	10
62	Implementation as theory, hierarchy as transformation, homology as synapomorphy. <i>Zootaxa</i> , 2013, 3641, 587-94.	0.5	9
63	Carving up Australia's arid zone: a review of the bioregionalisation of the Eremaean and Eyrean biogeographic regions. <i>Australian Journal of Botany</i> , 2020, 68, 229.	0.6	9
64	Extrapolating Cladistic Biogeography: A Brief Comment on van Veller et al. (1999, 2000, 2001). <i>Cladistics</i> , 2001, 17, 383-388.	3.3	8
65	The Early Devonian palaeobiogeography of Eastern Australasia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 444, 39-47.	2.3	8
66	Toward a terrestrial biogeographical regionalisation of the world: historical notes, characterisation and area nomenclature. <i>Australian Systematic Botany</i> , 2022, 35, 89-126.	0.9	8
67	Congruence and language. <i>Taxon</i> , 2004, 53, 113-118.	0.7	7
68	150 Reasons for Paraphyly: A Response. <i>Taxon</i> , 2005, 54, 858.	0.7	7
69	Biogeographical Convergence and Time-Slicing. <i>Systematics Association Special Volume</i> , 2011, , 1-12.	0.2	7
70	The bioregionalisation revival. <i>Zootaxa</i> , 2013, 3635, 269-274.	0.5	6
71	How objective is a definition in the subspecies debate?. <i>Nature</i> , 2009, 457, 785-785.	27.8	5
72	Assessing the Australian Soil Classification using cladistic analysis. <i>Soil Research</i> , 2015, 53, 772.	1.1	5

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73	Big data and the historical sciences: A critique. <i>Geoforum</i> , 2016, 71, 1-4.	2.5	5
74	Paralogy and the Centre of Origin Concept. <i>Cladistics</i> , 1999, 15, 387-391.	3.3	5
75	The multidisciplinary nature of biogeography. <i>Australian Systematic Botany</i> , 2015, 28, 79.	0.9	4
76	Further progress in historical biogeography. <i>Australian Systematic Botany</i> , 2017, 30, i.	0.9	4
77	Cladistic methods as a tool for terrane analysis: a New Zealand example. <i>New Zealand Journal of Geology, and Geophysics</i> , 2018, 61, 127-135.	1.8	4
78	Influence of elevation on bioregionalisation: A case study of the Sino-Himalayan flora. <i>Journal of Biogeography</i> , 2021, 48, 2578-2587.	3.0	4
79	<i>Geology and Comparative Biogeography.</i> , 2009, , 190-212.		4
80	Biogeography, a dirty word?. <i>Biologist</i> , 2003, 50, 48.	2.0	4
81	150 reasons for paraphyly: a response. <i>Taxon</i> , 2005, 54, 858-858.	0.7	3
82	Heterology: the shadows of a shade. <i>Cladistics</i> , 2007, 23, 84-89.	3.3	3
83	The pitfalls of astrobiogeography. <i>Astrophysics and Space Science</i> , 2008, 317, 143-144.	1.4	3
84	O Cladistics, Where Art Thou?. <i>Cladistics</i> , 2008, 24, 851-852.	3.3	3
85	On the International Code of Area Nomenclature (ICAN): a reply to Zarageta-Bagils <i>et al.</i> . <i>Journal of Biogeography</i> , 2009, 36, 1619-1621.	3.0	3
86	Saving our science from ourselves: the plight of biological classification. <i>Revista Brasileira De Entomologia</i> , 2011, 55, 149-153.	0.4	3
87	The explanatory power of biogeographical patterns: a reply to de Bruyn <i>et al.</i> . <i>Journal of Biogeography</i> , 2013, 40, 2206-2208.	3.0	3
88	A review of the Carboniferous and Permian trilobites of Australia. <i>Zootaxa</i> , 2015, 3926, 1-56.	0.5	3
89	Dispersalism and neodispersalism. , 0, , 286-328.		3
90	Progress in historical biogeography. <i>Australian Systematic Botany</i> , 2016, 29, ii.	0.9	3

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91	Temporal area approach for distributional data in biogeography. <i>Cladistics</i> , 2019, 35, 435-445.	3.3	3
92	A new Ordovician (Katian) calymenid, <i>Gravicalymene bakeri</i> sp. nov., from the Gordon Group, Tasmania, Australia. <i>Alcheringa</i> , 2020, 44, 496-504.	1.2	3
93	Fassetia, a new North American genus of family Ceratophyllaceae: evidence based on cladistic analyses of current molecular data of Ceratophyllum. <i>Australian Systematic Botany</i> , 2021, 34, 431.	0.9	3
94	Validating marine Devonian biogeography: a study in bioregionalization. <i>Palaeontology</i> , 2022, 65, .	2.2	3
95	Forum on Biogeography: Introduction. <i>Taxon</i> , 2004, 53, 889-891.	0.7	2
96	Forum on Biogeography: Introduction. <i>Taxon</i> , 2004, 53, 889.	0.7	2
97	Response from Holdrege and Ebach: What about Taxa?. <i>BioScience</i> , 2006, 56, 94.	4.9	2
98	Corrections to a recently published area taxonomy of Australia. <i>Zootaxa</i> , 2013, 3652, 299-300.	0.5	2
99	Systematic biostratigraphy: A solution to problematic classification systems in biostratigraphy. <i>Palaeoworld</i> , 2014, 23, 105-111.	1.1	2
100	A chemist's legacy. <i>Nature Chemistry</i> , 2016, 8, 817-818.	13.6	2
101	A Cladist is a systematist who seeks a natural classification: some comments on Quinn (2017). <i>Biology and Philosophy</i> , 2018, 33, 10.	1.4	2
102	Extrapolating Cladistic Biogeography: A Brief Comment on van Veller et al. (1999, 2000, 2001). <i>Cladistics</i> , 2001, 17, 383-388.	3.3	2
103	An outline of the foundations of systematics and biogeography. <i>History and Philosophy of the Life Sciences</i> , 2007, 29, 87-91.	1.1	2
104	First occurrence of a subfossil stomatopod crustacean from Australia. <i>Alcheringa</i> , 1999, 23, 227-228.	1.2	1
105	Reply, a future for astrobiogeography. <i>Astrophysics and Space Science</i> , 2008, 317, 147-147.	1.4	1
106	Evolutionary theory: don't skimp on teaching its history. <i>Nature</i> , 2008, 453, 719-719.	27.8	1
107	Systematics and Biogeography: Cladistics and Vicariance. <i>Systematic Biology</i> , 2010, 59, 612-614.	5.6	1
108	Tewkesbury Walks: An Exploration of Biogeography and Evolution. By Bernard Michaux.. <i>Systematic Biology</i> , 2014, 63, 453-455.	5.6	1

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109	From Correlation to Causation: What Do We Need in the Historical Sciences?. <i>Acta Biotheoretica</i> , 2016, 64, 241-262.	1.5	1
110	Zealandia is not a continent. <i>Nature</i> , 2017, 543, 179-179.	27.8	1
111	Theodor Arldt (1878–1960): Parochial Pauker and Pioneering Palaeobiogeographer. <i>Zootaxa</i> , 2017, 4319, 157.	0.5	1
112	Where is the boundary between New Zealand's western and eastern provinces? A case study in describing terrane relationships using cladistic methods.. <i>New Zealand Journal of Geology, and Geophysics</i> , 2020, 63, 58-65.	1.8	1
113	Introduction to Neotectonics and Bioregionalisation. <i>SpringerBriefs in Evolutionary Biology</i> , 2020, , 1-9.	0.2	1
114	Quantifying vertebrate zoogeographical regions of Australia using geospatial turnover in the species composition of mammals, birds, reptiles and terrestrial amphibians. <i>Zootaxa</i> , 2020, 4802, zootaxa.4802.1.4.	0.5	1
115	Death of the specialist, rise of the machinist. <i>History and Philosophy of the Life Sciences</i> , 2009, 31, 461-3.	1.1	1
116	Homology and Systematics: Coding characters for phylogenetic analysis, edited by Robert Scotland and R. Toby Pennington. <i>Systematics Association special volume, no.58</i> . Taylor and Francis, London. 2000, 217pp. line drawings, monotypes, H/b ISBN 0-7484-0920-3. Price £65.00.. <i>Biological Journal of the Linnean Society</i> , 2000, 71, 829-830.	1.6	0
117	Comment in response to Professor Dobson's letter. <i>Journal of Biogeography</i> , 2003, 30, 473-473.	3.0	0
118	Palaeobiogeography: using fossils to study global change, plate tectonics, and evolution (Topics in) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.6	0
119	A new book on biogeography. <i>Cladistics</i> , 2010, 26, 560-562.	3.3	0
120	The Paleobiological Revolution: Essays on the Growth of Modern Paleontology. <i>Systematic Biology</i> , 2010, 59, 753-755.	5.6	0
121	Temporal Geobiotic Mapping: a conceptual mapping technique toward visualising geobiotic areas in cross-section. <i>Revista Brasileira De Entomologia</i> , 2013, 57, 241-247.	0.4	0
122	Natural Kinds and Classification in Scientific Practice. Edited by Catherine Kendig.. <i>Systematic Biology</i> , 2016, 65, 1120-1121.	5.6	0
123	Moving from modern toward post-modern science: comment on "An integrated assessment of the vascular plants of the Americas". <i>Phytotaxa</i> , 2018, 351, 96.	0.3	0
124	Moving from modern toward post-modern science: comment on "An integrated assessment of the vascular plants of the Americas". <i>Phytotaxa</i> , 2018, 351, 96.	0.3	0
125	What This Book Is About. , 2020, , 13-22.		0
126	Essentialism and Typology. , 2020, , 108-118.		0

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127	Monothetic and Polythetic Taxa. , 2020, , 119-123.		0
128	Non-taxa or the Absence of "Phyly: Paraphyly and Aphyly. , 2020, , 124-148.		0
129	Parameters of Classification: <i>Ordo Ab Chao</i> . , 2020, , 153-212.		0
130	Modern Artificial Methods and Raw Data. , 2020, , 215-236.		0
131	How to Study Classification. , 2020, , 273-286.		0
132	How to Study Classification. , 2020, , 287-350.		0
133	Further Myths and More Misunderstandings. , 2020, , 396-429.		0
134	Introduction: Carving Nature at Its Joints, or Why Birds Are Not Dinosaurs and Men Are Not Apes. , 2020, , 1-10.		0
135	Neotectonics and Australian Biogeography. SpringerBriefs in Evolutionary Biology, 2020, , 33-47.	0.2	0
136	Biotectonics: Making and Breaking Barriers. SpringerBriefs in Evolutionary Biology, 2020, , 49-62.	0.2	0
137	Traversing Terranes: The Australides. SpringerBriefs in Evolutionary Biology, 2020, , 11-31.	0.2	0
138	The Separation of Classification and Phylogenetics. , 2020, , 369-395.		0
139	Relationship Diagrams. , 2020, , 57-107.		0
140	Beyond Classification: How to Study Phylogeny. , 2020, , 353-368.		0
141	How to Study Classification: Consensus Techniques and General Classifications. , 2020, , 237-252.		0
142	How to Study Classification: "Total Evidence"™ vs. "Consensus"™, Character Congruence vs. Taxonomic Congruence, Simultaneous Analysis vs. Partitioned Data. , 2020, , 253-272.		0
143	Zangerl and the Zeitgeist. History and Philosophy of the Life Sciences, 2006, 28, 67-70.	1.1	0
144	A devil's glossary for biological systematics. History and Philosophy of the Life Sciences, 2011, 33, 249-57.	1.1	0