

Heike WÃ¤gele

List of Publications by Year in descending order

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90
papers

2,696
citations

218677

26
h-index

214800

47
g-index

92
all docs

92
docs citations

92
times ranked

1644
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptomics provides a robust framework for the relationships of the major clades of cladobranch sea slugs (Mollusca, Gastropoda, Heterobranchia), but fails to resolve the position of the enigmatic genus Embletonia. <i>Bmc Ecology and Evolution</i> , 2021, 21, 226.	1.6	5
2	Antibacterial scalarane from <i>Doriprismatica stellata</i> nudibranchs (Gastropoda, Nudibranchia), egg ribbons, and their dietary sponge <i>Spongia</i> cf. <i>agaricina</i> (Demospongiae). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697 Td</i>	1.5	10
3	From Persian Gulf to Indonesia: interrelated phylogeographic distance and chemistry within the genus <i>Peronia</i> (Onchidiidae, Gastropoda, Mollusca). <i>Scientific Reports</i> , 2020, 10, 13048.	3.3	3
4	Metabolome of the <i>Phyllidiella pustulosa</i> Species Complex (Nudibranchia, Heterobranchia), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 and Undescribed Clade. <i>Journal of Natural Products</i> , 2020, 83, 2785-2796.	3.0	7
5	Phylogenomic analysis and morphological data suggest left-right swimming behavior evolved prior to the origin of the pelagic Phylliroidea (Gastropoda: Nudibranchia). <i>Organisms Diversity and Evolution</i> , 2020, 20, 657-667.	1.6	4
6	First Study on Marine Heterobranchia (Gastropoda, Mollusca) in Bangka Archipelago, North Sulawesi, Indonesia. <i>Diversity</i> , 2020, 12, 52.	1.7	14
7	Description of a new <i>Moridilla</i> species from North Sulawesi, Indonesia (Mollusca: Nudibranchia: Aeolidioidea) based on MicroCT, histological and molecular analyses . <i>Zootaxa</i> , 2019, 4652, 265-295.	0.5	9
8	First Survey of Heterobranch Sea Slugs (Mollusca, Gastropoda) from the Island Sangihe, North Sulawesi, Indonesia. <i>Diversity</i> , 2019, 11, 170.	1.7	11
9	Comparing amylose production in two solar-powered sea slugs: the sister taxa <i>Elysia timida</i> and <i>E. cornigera</i> (Heterobranchia: Sacoglossa). <i>Journal of Molluscan Studies</i> , 2019, 85, 166-171.	1.2	7
10	How does temperature affect functional kleptoplasty? Comparing populations of the solar-powered sister-species <i>Elysia timida</i> Risso, 1818 and <i>Elysia cornigera</i> Nuttall, 1989 (Gastropoda: Sacoglossa). <i>Frontiers in Zoology</i> , 2018, 15, 17.	2.0	10
11	Comparative morphology and evolution of the cnidosac in Cladobranchia (Gastropoda:). Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 33	2.0	33
12	Marine Heterobranchia (Gastropoda, Mollusca) in Bunaken National Park, North Sulawesi, Indonesia – A Follow-Up Diversity Study. <i>Diversity</i> , 2018, 10, 127.	1.7	17
13	Second survey of heterobranch sea slugs (Mollusca, Gastropoda, Heterobranchia) from Bunaken National Park, North Sulawesi, Indonesia - how much do we know after 12 years?. <i>Marine Biodiversity Records</i> , 2018, 11, .	1.2	18
14	Giant embryos and hatchlings of Antarctic nudibranchs (Mollusca: Gastropoda: Heterobranchia). <i>Marine Biology</i> , 2017, 164, 1.	1.5	42
15	Distribution and morphology of defensive acid-secreting glands in <i>Nudipleura</i> (Gastropoda:). Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 6	1.2	6
16	The complete mitochondrial genome of the “solar-powered” sea slug <i>Plakobranthus</i> cf. <i>ocellatus</i> (Heterobranchia: Panpulmonata: Sacoglossa). <i>Mitochondrial DNA Part B: Resources</i> , 2017, 2, 130-131.	0.4	4
17	Photosynthate accumulation in solar-powered sea slugs - starving slugs survive due to accumulated starch reserves. <i>Frontiers in Zoology</i> , 2017, 14, 4.	2.0	27
18	Bipolarity in sea slugs: a new species of <i>Doridunculus</i> (Mollusca: Nudibranchia: Onchidoridoidea) from Antarctica. <i>Organisms Diversity and Evolution</i> , 2017, 17, 101-109.	1.6	10

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19	Examining the retention of functional kleptoplasts and digestive activity in sacoglossan sea slugs. <i>Organisms Diversity and Evolution</i> , 2017, 17, 87-99.	1.6	15
20	A new Antarctic heterobranch clade is sister to all other Cephalaspidea (Mollusca: Gastropoda). <i>Zoologica Scripta</i> , 2017, 46, 127-137.	1.7	11
21	The Potential of Indonesian Heterobranchs Found around Bunaken Island for the Production of Bioactive Compounds. <i>Marine Drugs</i> , 2017, 15, 384.	4.6	20
22	Antimicrobial Potential of Bacteria Associated with Marine Sea Slugs from North Sulawesi, Indonesia. <i>Frontiers in Microbiology</i> , 2017, 8, 1092.	3.5	46
23	Secondary metabolome and its defensive role in the aeolidioidean <i>Phyllodesmium longicirrum</i> , (Gastropoda, Heterobranchia, Nudibranchia). <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 502-519.	2.2	15
24	Chloroplast digestion and the development of functional kleptoplasty in juvenile <i>Elysia timida</i> (Risso, 1826). <i>Frontiers in Microbiology</i> , 2017, 8, e0182910.	2.5	13
25	The End of the Cold Loneliness: 3D Comparison between <i>Doto antarctica</i> and a New Sympatric Species of <i>Doto</i> (Heterobranchia: Nudibranchia). <i>PLoS ONE</i> , 2016, 11, e0157941.	2.5	13
26	Defensive Diterpene from the Aeolidioidean <i>Phyllodesmium longicirrum</i> . <i>Journal of Natural Products</i> , 2016, 79, 611-615.	3.0	15
27	Distribution of granuloside in the Antarctic nudibranch <i>Charcotia granulosa</i> (Gastropoda: Nudibranchia). <i>Journal of Natural Products</i> , 2016, 79, 1078-1083.	1.5	33
28	Comparison of sister species identifies factors underpinning plastid compatibility in green sea slugs. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20142519.	2.6	44
29	Why It Is Time to Look Beyond Algal Genes in Photosynthetic Slugs. <i>Genome Biology and Evolution</i> , 2015, 7, 2602-2607.	2.5	28
30	Phylogenetic evidence for multiple independent origins of functional kleptoplasty in Sacoglossa (Heterobranchia, Gastropoda). <i>Organisms Diversity and Evolution</i> , 2015, 15, 23-36.	1.6	45
31	Chloroplast incorporation and long-term photosynthetic performance through the life cycle in laboratory cultures of <i>Elysia timida</i> (Sacoglossa, Heterobranchia). <i>Frontiers in Zoology</i> , 2014, 11, 5.	2.0	22
32	Flashback and foreshadowing—a review of the taxon Opisthobranchia. <i>Organisms Diversity and Evolution</i> , 2014, 14, 133-149.	1.6	74
33	Plastid-bearing sea slugs fix CO ₂ in the light but do not require photosynthesis to survive. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132493.	2.6	54
34	Functional kleptoplasty in a limapontioidean genus: phylogeny, food preferences and photosynthesis in <i>Costasiella</i> , with a focus on <i>C. ocellifera</i> (Gastropoda: Sacoglossa). <i>Journal of Molluscan Studies</i> , 2014, 80, 499-507.	1.2	25
35	Defense in the Aeolidioidean Genus <i>Phyllodesmium</i> (Gastropoda). <i>Journal of Chemical Ecology</i> , 2014, 40, 1013-1024.	1.8	15
36	The symbiosis between the “solar-powered” nudibranch <i>Melibe engeli</i> Risbec, 1937 (Dendronotoidea) and <i>Symbiodinium</i> sp. (Dinophyceae). <i>Journal of Molluscan Studies</i> , 2014, 80, 508-517.	1.2	20

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37	Identification of sequestered chloroplasts in photosynthetic and non-photosynthetic sacoglossan sea slugs (Mollusca, Gastropoda). <i>Frontiers in Zoology</i> , 2014, 11, 15.	2.0	32
38	<p>The Cylindrobulla / Ascobulla complexâ€”unraveling problems in identification and adding to Cylindrobulla diversity (Gastropoda, Heterobranchia.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697</i>		
39	Endosymbioses in Sacoglossan Seaslugs: Plastid-Bearing Animals that Keep Photosynthetic Organelles Without Borrowing Genes. , 2014, , 291-324.		24
40	Morphological and genetic analyses of xeniid soft coral diversity (Octocorallia; Alcyonacea). <i>Organisms Diversity and Evolution</i> , 2013, 13, 135-150.	1.6	16
41	What remains after 2Âmonths of starvation? Analysis of sequestered algae in a photosynthetic slug, <i>Plakobranthus ocellatus</i> (Sacoglossa, Opisthobranchia), by barcoding. <i>Planta</i> , 2013, 237, 559-572.	3.2	49
42	Is ftsH the Key to Plastid Longevity in Sacoglossan Slugs?. <i>Genome Biology and Evolution</i> , 2013, 5, 2540-2548.	2.5	68
43	Systematics and phylogenetic species delimitation within <i>Polinices</i> s.l. (Caenogastropoda: Naticidae) based on molecular data and shell morphology. <i>Organisms Diversity and Evolution</i> , 2012, 12, 349-375.	1.6	8
44	Incorporated nematocysts in <i>Aeolidiella stephanieae</i> (Gastropoda, Opisthobranchia, Aeolidioidea) mature by acidification shown by the pH sensitive fluorescing alkaloid <i>Ageladine A</i> . <i>Toxicon</i> , 2012, 60, 1108-1116.	1.6	19
45	Transcriptomic Evidence That Longevity of Acquired Plastids in the Photosynthetic Slugs <i>Elysia timida</i> and <i>Plakobranthus ocellatus</i> Does Not Entail Lateral Transfer of Algal Nuclear Genes. <i>Molecular Biology and Evolution</i> , 2011, 28, 699-706.	8.9	119
46	The taxonomist - an endangered race. A practical proposal for its survival. <i>Frontiers in Zoology</i> , 2011, 8, 25.	2.0	101
47	Dotofide, a Guanidineâ€”interrupted Terpenoid from the Marine Slug <i>Doto pinnatifida</i> (Gastropoda, Nudibranchia). <i>European Journal of Organic Chemistry</i> , 2011, 2011, 3733-3737.	2.4	20
48	Defensive strategies of Cladobranchia (Gastropoda, Opisthobranchia). <i>Natural Product Reports</i> , 2010, 27, 1386.	10.3	41
49	Slugsâ€™ last meals: molecular identification of sequestered chloroplasts from different algal origins in <i>Sacoglossa</i> (Opisthobranchia, Gastropoda). <i>Molecular Ecology Resources</i> , 2010, 10, 968-978.	4.8	50
50	Solar Powered Seaslugs (Opisthobranchia, Gastropoda, Mollusca): Incorporation of Photosynthetic Units: A Key Character Enhancing Radiation?. , 2010, , 263-282.		10
51	Two new sacoglossan sea slug species (Opisthobranchia, Gastropoda): <i>Ercolania annelyeorum</i> sp. nov. (Limapontioidea) and <i>Elysia asbecki</i> sp. nov. (Plakobranchoidea), with notes on anatomy, histology and biology. <i>Zootaxa</i> , 2010, 2676, 1.	0.5	17
52	Die Gattung <i>Bathydoris</i> Bergh, 1884 (Gnathodoridacea) im phylogenetischen System der Nudibranchia (Opisthobranchia, Gastropoda). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2009, 27, 273-281.	1.4	10
53	Chemical induction of silent biosynthetic pathway transcription in <i>Aspergillus niger</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2009, 36, 1199-1213.	3.0	148
54	Functional chloroplasts in metazoan cells - a unique evolutionary strategy in animal life. <i>Frontiers in Zoology</i> , 2009, 6, 28.	2.0	132

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55	Dietary Derived Sesquiterpenes from <i>Phyllodesmium lizardensis</i> . Journal of Natural Products, 2009, 72, 298-300.	3.0	19
56	Phylogenetic support values are not necessarily informative: the case of the Serialia hypothesis (a) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.0	49
57	<i>Tergipes antarcticus</i> (Gastropoda, Nudibranchia): distribution, life cycle, morphology, anatomy and adaptation of the first mollusc known to live in Antarctic sea ice. Polar Biology, 2008, 31, 1383-1395.	1.2	17
58	Three new solar-powered species of the genus <i>Phyllodesmium</i> Ehrenberg, 1831 (Mollusca:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td activity and notes on biology. Journal of Molluscan Studies, 2008, 74, 277-292.	1.2	22
59	Symbiosis between <i>Symbiodinium</i> (Dinophyceae) and various taxa of Nudibranchia (Mollusca:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 627 Td	1.6	33
60	On a new <i>Ercolania</i> Trinchese, 1872 (Opisthobranchia, Sacoglossa, Limapontiidae) living within <i>Boergesenia</i> Feldmann, 1950 (Cladophorales), with notes on anatomy, histology and biology. Zootaxa, 2007, 1577, 3-16.	0.5	8
61	Retention of functional chloroplasts in some sacoglossans from the Indo-Pacific and Mediterranean. Marine Biology, 2007, 151, 2159-2166.	1.5	81
62	Defensive Glandular Structures In Opisthobranch Molluscs " From Histology To Ecology. Oceanography and Marine Biology, 2006, , 197-276.	1.0	55
63	Interspecific differences in the efficiency and photosynthetic characteristics of the symbiosis of "solarpowered" Nudibranchia (Mollusca: Gastropoda) with zooxanthellae. Records of the Western Australian Museum, Supplement, 2006, 69, 1.	0.5	13
64	Species diversity of opisthobranch molluscs on Lizard Island, Great Barrier Reef, Australia. Records of the Western Australian Museum, Supplement, 2006, 69, 33.	0.5	7
65	<i>Umbraculum umbraculum</i> (Lightfoot, 1786) (Gastropoda, Opisthobranchia, Tyrodinoidea) and the synonymy of <i>U. mediterraneum</i> (Lamarck, 1812). Records of the Western Australian Museum, Supplement, 2006, 69, 69.	0.5	6
66	Reconstruction of the phylogeny of the Opisthobranchia (Mollusca: Gastropoda) by means of 18s and 28s rRNA gene sequences. Journal of Molluscan Studies, 2005, 71, 113-125.	1.2	123
67	Opisthobranchia (Mollusca, Gastropoda) - more than just slimy slugs. Shell reduction and its implications on defence and foraging. Frontiers in Zoology, 2005, 2, 3.	2.0	150
68	Potential key characters in Opisthobranchia (Gastropoda, Mollusca) enhancing adaptive radiation. Organisms Diversity and Evolution, 2004, 4, 175-188.	1.6	69
69	A new solar powered species of the genus <i>Phyllodesmium</i> Ehrenberg, 1831 (Mollusca: Nudibranchia:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 627 Td Zootaxa, 2004, 596, .	0.5	25
70	Histological study of <i>Goniodoris castanea</i> Alder and Hancock, 1845 (Nudibranchia, Doridoidea,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	1.2	9
71	Taxonomic Redescription of the Doridoxidae (Gastropoda: Opisthobranchia), an Enigmatic Family of Deep Water Nudibranchs, with Discussion of Basal Nudibranch Phylogeny. Zoologischer Anzeiger, 2001, 240, 83-97.	0.9	24
72	Phylogeny of the Nudibranchia. Zoological Journal of the Linnean Society, 2000, 130, 83-181.	2.3	152

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73	Initial Results on the Molecular Phylogeny of the Nudibranchia (Gastropoda, Opisthobranchia) Based on 18S rDNA Data. <i>Molecular Phylogenetics and Evolution</i> , 1999, 13, 215-226.	2.7	49
74	Histological investigations on <i>Dendrodoris nigra</i> (Stimpson, 1855) (Gastropoda, Nudibranchia). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70</i>	0.7	12
75	MORPHOLOGY, ANATOMY AND HISTOLOGY OF <i>FLABELLINA AFFINIS</i> (GMELIN, 1791) (NUDIBRANCHIA). <i>Tj ETQq1 1 0.784314 rgBT /O</i> of <i>Molluscan Studies</i> , 1998, 64, 195-214.	1.2	11
76	REDESCRIPTION OF <i>CHARCOTIA GRANULOSA</i> VAYSSIÈRE, 1906 (NUDIBRANCHIA: ARMINOIDEA). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	1.2	7
77	The morphology and taxonomy of the Antarctic species of <i>Tritonia</i> Cuvier, 1797 (Nudibranchia). <i>Tj ETQq1 1 0.784314 rgBT /Qoverlock 10</i>	2.3	10
78	ANATOMY OF <i>PSEUDOTRITONIA THIELE</i> , 1912 AND <i>NOTAEOLIDIA ELIOT</i> , 1905 (GASTROPODA). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5</i> 1995, 61, 209-213.	1.2	3
79	The morphology and anatomy of the Antarctic gastropod <i>Bathyberthella antarctica</i> (Opisthobranchia). <i>Tj ETQq1 1 0.784314 rgBT /Overl</i>	1.7	9
80	<i>Tomthompsonia spiroconchalis</i> Wägele & Hain, 1991 (Opisthobranchia, Notaspidea): a junior synonym of <i>Adeorbis antarcticus</i> Thiele, 1912 (Prosobranchia: Truncatelloidea) with notes on diet and histology. <i>Journal of Molluscan Studies</i> , 1993, 59, 366-368.	1.2	8
81	Studies on the morphology and anatomy of the Antarctic nudibranch genera <i>Pseudotritonia</i> Thiele, 1912 and <i>Telarma</i> Odhner, 1934 with a discussion of the family <i>Charcotiidae</i> Odhner, 1926 (Nudibranchia: Opisthobranchia). <i>Zoological Journal of the Linnean Society</i> , 1991, 101, 359-389.	2.3	7
82	THE DISTRIBUTION OF SOME ENDEMIC ANTARCTIC NUDIBRANCHIA. <i>Journal of Molluscan Studies</i> , 1991, 57, 337-345.	1.2	7
83	Revision of the Antarctic genus <i>Notaeolidia</i> (Gastropoda, Nudibranchia), with a description of a new species. <i>Zoologica Scripta</i> , 1990, 19, 309-330.	1.7	12
84	REVISION OF THE GENUS <i>AUSTRODORIS</i> ODHNER, 1926 (GASTROPODA, OPISTHOBRANCHIA). <i>Journal of Molluscan Studies</i> , 1990, 56, 163-180.	1.2	26
85	On the anatomy and zoogeography of <i>Tritoniella belli</i> Eliot, 1907 (Opisthobranchia, Nudibranchia) and the synonymy of <i>T. sinuata</i> Eliot, 1907. <i>Polar Biology</i> , 1989, 9, 235-243.	1.2	15
86	A REVISION OF THE ANTARCTIC SPECIES OF <i>BATHYDORIS</i> BERGH, 1884 AND COMPARISON WITH OTHER KNOWN <i>BATHYDORIDS</i> (OPISTHOBRANCHIA, NUDIBRANCHIA). <i>Journal of Molluscan Studies</i> , 1989, 55, 343-364.	1.2	23
87	THE DISTRIBUTION OF SOME ANTARCTIC NUDIBRANCHS (OPISTHOBRANCHIA). <i>Journal of Molluscan Studies</i> , 1987, 53, 179-188.	1.2	12
88	Redescription and anatomy of <i>Aegires (Anaegires) albus</i> Thiele, 1912 (Opisthobranchia, Doridacea) and synonymy with <i>A. protectus</i> Odhner, 1934. <i>Polar Biology</i> , 1987, 7, 267-272.	1.2	5
89	Kiemen und H $\frac{1}{2}$ molympfkreislauf von <i>Phyllidia pulitzeri</i> (Gastropoda, Opisthobranchia, Doridacea). <i>Zoomorphology</i> , 1984, 104, 246-251.	0.8	3
90	Phyllidiidae (Nudibranchia, Heterobranchia, Gastropoda): an integrative taxonomic approach including chemical analyses. <i>Organisms Diversity and Evolution</i> , 0, , 1.	1.6	3