Greg W. Rouse

List of Publications by Year in Descending Order

262 papers	9,761 citations	45 h-index	91 g-index
279 ext. papers	12,143 ext. citations	3.4 avg, IF	6.26 L-index

#	Paper	IF	Citations
262	Phylogenomics resolves ambiguous relationships within Aciculata (Errantia, Annelida). *Molecular Phylogenetics and Evolution*, **2022**, 166, 107339	4.1	3
261	Phylogenomic analyses of echinoid diversification prompt a re-evaluation of their fossil record.. *ELife*, **2022**, 11,	8.9	1
260	Phylogenomic analysis of Syngnathidae reveals novel relationships, origins of endemic diversity and variable diversification rates.. *BMC Biology*, **2022**, 20, 75	7.3	3
259	Assessment of scientific gaps related to the effective environmental management of deep-seabed mining. *Marine Policy*, **2022**, 138, 105006	3.5	6
258	Vampire Worms; A revision of Galapagomystides (Phyllodocidae, Annelida), with the description of three new species. *Zootaxa*, **2022**, 5128, 451-485	0.5	
257	One Antarctic slug to confuse them all: the underestimated diversity of Doris kerguelenensis. *Invertebrate Systematics*, **2022**, 36, 419	1.2	2
256	Mitogenomics and the Phylogeny of Mantis Shrimps (Crustacea: Stomatopoda). *Diversity*, **2021**, 13, 647	2.5	0
255	Specialized Metabolite Mediated Predation Defense in the Marine Actinobacterium. *Applied and Environmental Microbiology*, **2021**, AEM0117621	4.8	0
254	Brittleworms Ultrastructure and arrangement of the calcified chaetae of Euphrosine (Amphinomida, Annelida). *Invertebrate Biology*, **2021**, 140, e12353	1	1
253	A chemosynthetic ecotone hemotone in the sediments surrounding deep-sea methane seeps. *Limnology and Oceanography*, **2021**, 66, 1687-1702	4.8	3
252	Molluscan phylogenomics requires strategically selected genomes. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2021**, 376, 20200161	5.8	5
251	Notopodial spinning glands of Sthenelanella (Annelida: Sigalionidae) are modified chaetal sacs. *Invertebrate Biology*, **2021**, 140, e12334	1	2
250	Using ultraconserved elements to track the influence of sea-level change on leafy seadragon populations. *Molecular Ecology*, **2021**, 30, 1364-1380	5.7	5
249	Comparative ultrastructure of the radiolar crown in Sabellida (Annelida). *Zoomorphology*, **2021**, 140, 27-45	1	1
248	Laminatubus (Serpulidae, Annelida) from eastern Pacific hydrothermal vents and methane seeps, with description of two new species. *Zootaxa*, **2021**, 4915, zootaxa.4915.1.1	0.5	2
247	Mixotrophic chemosynthesis in a deep-sea anemone from hydrothermal vents in the Pescadero Basin, Gulf of California. *BMC Biology*, **2021**, 19, 8	7.3	0
246	Cryptic diversity of the tube-dwelling polychaete Phyllochaetopterus in the Shinkai Seep Field, Mariana Trench. *Plankton and Benthos Research*, **2021**, 16, 73-77	0.6	0

245	Relationships between biodiversity and ecosystem functioning proxies strengthen when approaching chemosynthetic deep-sea methane seeps. *Proceedings of the Royal Society B: Biological Sciences*, **2021**, 288, 20210950	4.4	1
244	Population Genetic Structure and Gene Expression Plasticity of the Deep-Sea Vent and Seep Squat Lobster Shinkaia crosnieri. *Frontiers in Marine Science*, **2020**, 7,	4.5	3
243	More is needed-Thousands of loci are required to elucidate the relationships of the 'flowers of the sea' (Sabellida, Annelida). *Molecular Phylogenetics and Evolution*, **2020**, 151, 106892	4.1	16
242	The invertebrate host of salmonid fish parasites Ceratonova shasta and Parvicapsula minibicornis (Cnidaria: Myxozoa), is a novel fabriciid annelid, Manayunkia occidentalis sp. nov. (Sabellida: Fabriciidae). *Zootaxa*, **2020**, 4751, zootaxa.4751.2.6	0.5	10
241	Methanotrophic bacterial symbionts fuel dense populations of deep-sea feather duster worms (Sabellida, Annelida) and extend the spatial influence of methane seepage. *Science Advances*, **2020**, 6, eaay8562	14.3	18
240	Transcriptome-based target-enrichment baits for stony corals (Cnidaria: Anthozoa: Scleractinia). *Molecular Ecology Resources*, **2020**, 20, 807	8.4	13
239	Phylogeny of Echiura updated, with a revised taxonomy to reflect their placement in Annelida as sister group to Capitellidae. *Invertebrate Systematics*, **2020**, 34, 101	1.2	10
238	More Knot Worms: Four New Polygordius (Annelida) Species from the Pacific and Caribbean. *Diversity*, **2020**, 12, 146	2.5	2
237	Phylogeny, biogeography and systematics of Pacific vent, methane seep, and whale-fall Parougia (Dorvilleidae : Annelida), with eight new species. *Invertebrate Systematics*, **2020**, 34, 200	1.2	2
236	Hungry scale worms: Phylogenetics of (Polynoidae, Annelida), with four new species. *ZooKeys*, **2020**, 932, 27-74	1.2	10
235	A group of species Psychropotes longicauda (Psychropotidae, Elasipodida, Holothuroidea) from the Kuril-Kamchatka Trench area (North-West Pacific). *Progress in Oceanography*, **2020**, 180, 102222	3.8	5
234	Molecular phylogeny of Ceriantharia (Cnidaria: Anthozoa) reveals non-monophyly of traditionally accepted families. *Zoological Journal of the Linnean Society*, **2020**, 190, 397-416	2.4	3
233	Giant protists (xenophyophores) function as fish nurseries. *Ecology*, **2020**, 101, e02933	4.6	5
232	Molecular phylogenetic and morphological analyses of the monospecific Hesiolyra (Annelida: Hesionidae) reveal two new species. *Deep-Sea Research Part I: Oceanographic Research Papers*, **2020**, 166, 103401	2.5	5
231	Spanning the depths or depth-restricted: Three new species of Bathymodiolus (Bivalvia, Mytilidae) and a new record for the hydrothermal vent Bathymodiolus thermophilus at methane seeps along the Costa Rica margin. *Deep-Sea Research Part I: Oceanographic Research Papers*, **2020**, 164, 103322	2.5	3
230	Wooden Stepping Stones: Diversity and Biogeography of Deep-Sea Wood Boring Xylophagaidae (Mollusca: Bivalvia) in the North-East Atlantic Ocean, With the Description of a New Genus. *Frontiers in Marine Science*, **2020**, 7,	4.5	4
229	Mitochondrial genome of the freshwater annelid (Sabellida: Fabriciidae). *Mitochondrial DNA Part B: Resources*, **2020**, 5, 3295-3297	0.5	5
228	Characterization of deep-sea benthic invertebrate megafauna of the Galapagos Islands. *Scientific Reports*, **2020**, 10, 13894	4.9	2

227	Spaghetti to a Tree: A Robust Phylogeny for Terebelliformia (Annelida) Based on Transcriptomes, Molecular and Morphological Data. *Biology*, **2020**, 9,	4.9	17
226	Evolution of mantis shrimp telson armour and its role in ritualized fighting. *Journal of the Royal Society Interface*, **2019**, 16, 20190203	4.1	4
225	New records of Swiftia (Cnidaria, Anthozoa, Octocorallia) from off the Pacific Costa Rican margin, including a new species from methane seeps. *Zootaxa*, **2019**, 4671, zootaxa.4671.3.6	0.5	3
224	A newly discovered radiation of endoparasitic gastropods and their coevolution with asteroid hosts in Antarctica. *BMC Evolutionary Biology*, **2019**, 19, 180	3	7
223	Taxonomy and phylogeny of mud owls (Annelida: Sternaspidae), including a new synonymy and new records from the Southern Ocean, North East Atlantic Ocean and Pacific Ocean: challenges in morphological delimitation. *Marine Biodiversity*, **2019**, 49, 2659-2697	1.4	6
222	Phylogeny and Biogeography of Branchipolynoe (Polynoidae, Phyllodocida, Aciculata, Annelida), with Descriptions of Five New Species from Methane Seeps and Hydrothermal Vents. *Diversity*, **2019**, 11, 153	2.5	7
221	A new record of Lamellibrachia columna (Siboglinidae, Annelida) from cold seeps off New Zealand, and an assessment of its presence in the western Pacific Ocean. *Marine Biodiversity Records*, **2019**, 12,	2	5
220	Systematic relationships of sympatric pipefishes (Syngnathus spp.): A mismatch between morphological and molecular variation. *Journal of Fish Biology*, **2019**, 95, 999-1012	1.9	5
219	Two new species of Amphiglena (Sabellidae, Annelida), with an assessment of hidden diversity in the Mediterranean. *Zootaxa*, **2019**, 4648, zootaxa.4648.2.8	0.5	5
218	Amphisamytha (Annelida: Ampharetidae) from Indian Ocean hydrothermal vents: Biogeographic implications. *Deep-Sea Research Part I: Oceanographic Research Papers*, **2019**, 154, 103148	2.5	9
217	Fauna of the Kemp Caldera and its upper bathyal hydrothermal vents (South Sandwich Arc, Antarctica). *Royal Society Open Science*, **2019**, 6, 191501	3.3	11
216	Alligators in the abyss: The first experimental reptilian food fall in the deep ocean. *PLoS ONE*, **2019**, 14, e0225345	3.7	3
215	Diversity and distribution of the bmp gene cluster and its Polybrominated products in the genus Pseudoalteromonas. *Environmental Microbiology*, **2019**, 21, 1575-1585	5.2	9
214	Gut Microbial Divergence between Two Populations of the Hadal Amphipod Hirondellea gigas. *Applied and Environmental Microbiology*, **2019**, 85,	4.8	10
213	Phylogeography of hydrothermal vent stalked barnacles: a new species fills a gap in the Indian Ocean 'dispersal corridor' hypothesis. *Royal Society Open Science*, **2018**, 5, 172408	3.3	17
212	Phylogeny, evolution and mitochondrial gene order rearrangement in scale worms (Aphroditiformia, Annelida). *Molecular Phylogenetics and Evolution*, **2018**, 125, 220-231	4.1	44
211	Revising Mariametridae: the genera Dichrometra, Lamprometra, and Liparometra (Echinodermata: Crinoidea). *Systematics and Biodiversity*, **2018**, 16, 142-159	1.7	3
210	Sexually Dimorphic Scale Worms (Annelida: Polynoidae) From Hydrothermal Vents in the Okinawa Trough: Two New Species and Two New Sex Morphs. *Frontiers in Marine Science*, **2018**, 5,	4.5	12

209	Population genetic structure of the deep-sea mussel s (Bivalvia: Mytilidae) in the Northwest Pacific. *Evolutionary Applications*, **2018**, 11, 1915-1930	4.8	15
208	Phylogeny of hydrothermal vent Iphionidae, with the description of a new species (Aphroditiformia, Annelida). *ZooKeys*, **2018**, 89-107	1.2	1
207	Two new meiofaunal species of Trilobodrilus (Dinophilidae, Annelida) from California, USA. *European Journal of Taxonomy*, **2018**,	1.7	2
206	A phylogenomic resolution of the sea urchin tree of life. *BMC Evolutionary Biology*, **2018**, 18, 189	3	22
205	The Antarctic Circumpolar Current isolates and connects: Structured circumpolarity in the sea star. *Ecology and Evolution*, **2018**, 8, 10621-10633	2.8	15
204	Cold seep systems in the South China Sea: An overview. *Journal of Asian Earth Sciences*, **2018**, 168, 3-16	2.8	84
203	Phylogeny of Hesionidae (Aciculata, Annelida), with four new species from deep-sea eastern Pacific methane seeps, and resolution of the affinity of Hesiolyra. *Invertebrate Systematics*, **2018**, 32, 1050	1.2	6
202	A new species of Alvinocaris (Crustacea: Decapoda: Caridea: Alvinocarididae) from Costa Rican methane seeps. *Zootaxa*, **2018**, 4504, 418-430	0.5	3
201	A new Lamellibrachia species and confirmed range extension for Lamellibrachia barhami (Siboglinidae, Annelida) from Costa Rica methane seeps. *Zootaxa*, **2018**, 4504, 1-22	0.5	6
200	Population structure and phylogenetic relationships of a new shallow-water Antarctic phyllodocid annelid. *Zoologica Scripta*, **2018**, 47, 714-726	2.5	4
199	An inordinate fondness for Osedax (Siboglinidae: Annelida): Fourteen new species of bone worms from California. *Zootaxa*, **2018**, 4377, 451-489	0.5	18
198	Genome-wide discovery of single nucleotide polymorphisms (SNPs) and single nucleotide variants (SNVs) in deep-sea mussels: Potential use in population genomics and cross-species application. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2017**, 137, 318-326	2.3	23
197	Molecular phylogeny of extant Holothuroidea (Echinodermata). *Molecular Phylogenetics and Evolution*, **2017**, 111, 110-131	4.1	84
196	The genera and species of Comatulidae (Comatulida: Crinoidea): taxonomic revisions and a molecular and morphological guide. *Zootaxa*, **2017**, 4268, 151-190	0.5	9
195	Adaptation and evolution of deep-sea scale worms (Annelida: Polynoidae): insights from transcriptome comparison with a shallow-water species. *Scientific Reports*, **2017**, 7, 46205	4.9	24
194	Phylogenetic analyses of Chaetopteridae (Annelida). *Zoologica Scripta*, **2017**, 46, 596-610	2.5	4
193	Barriers to gene flow in common seadragons (Syngnathidae: Phyllopteryx taeniolatus). *Conservation Genetics*, **2017**, 18, 53-66	2.6	7
192	Do ampharetids take sedimented steps between vents and seeps? Phylogeny and habitat-use of Ampharetidae (Annelida, Terebelliformia) in chemosynthesis-based ecosystems. *BMC Evolutionary Biology*, **2017**, 17, 222	3	9

191	A new species of (Annelida, Eunicida, Dorvilleidae) from hydrothermal vents on the Southwest Indian Ridge. *ZooKeys*, **2017**, 1-9	1.2	9
190	The Leafy Seadragon, Phycodurus eques, a Flagship Species with Low But Structured Genetic Variability. *Journal of Heredity*, **2017**, 108, 152-162	2.4	5
189	Between Hot Rocks and Dry Places: The Status of the Dixie Valley Toad. *Western North American Naturalist*, **2017**, 77, 162-175	0.4	5
188	Hydrothermal vent fields discovered in the southern Gulf of California clarify role of habitat in augmenting regional diversity. *Proceedings of the Royal Society B: Biological Sciences*, **2017**, 284,	4.4	33
187	The phylogeny of extant starfish (Asteroidea: Echinodermata) including Xyloplax, based on comparative transcriptomics. *Molecular Phylogenetics and Evolution*, **2017**, 115, 161-170	4.1	24
186	Phylogenomic Insight into Salinispora (Bacteria, Actinobacteria) Species Designations. *Scientific Reports*, **2017**, 7, 3564	4.9	17
185	Systematics of Himerometra (Echinodermata: Crinoidea: Himerometridae) based on morphology and molecular data. *Zoological Journal of the Linnean Society*, **2017**,	2.4	2
184	Bacterial communities associated with the Southern Ocean vent gastropod, Gigantopelta chessoia: indication of horizontal symbiont transfer. *Polar Biology*, **2017**, 40, 2335-2342	2	8
183	First live records of the ruby seadragon (Phyllopteryx dewysea, Syngnathidae). *Marine Biodiversity Records*, **2017**, 10,	2	2
182	Straightening the striped chaos: systematics and evolution of Trypanosyllis and the case of its pseudocryptic type species Trypanosyllis krohnii (Annelida, Syllidae). *Zoological Journal of the Linnean Society*, **2017**, 179, 492-540	2.4	19
181	Colonial Tube-Dwelling Ciliates Influence Methane Cycling and Microbial Diversity within Methane Seep Ecosystems. *Frontiers in Marine Science*, **2017**, 3,	4.5	10
180	Unanticipated discovery of two rare gastropod molluscs from recently located hydrothermally influenced areas in the Okinawa Trough. *PeerJ*, **2017**, 5, e4121	3.1	7
179	2S-B1-3Three-dimensional Analysis of the Whole Cytoplasm of Foraminifera Using Array Tomography Method. *Microscopy (Oxford, England)*, **2017**, 66, i14-i14	1.3	
178	Four new species of Mesomyzostoma (Myzostomida: Annelida). *Journal of Natural History*, **2016**, 50, 1-23	0.5	14
177	Free-living calamyzin chrysopetalids (Annelida) from methane seeps, anoxic basins, and whale falls. *Zoological Journal of the Linnean Society*, **2016**, 177, 700-719	2.4	8
176	Neural reconstruction of bone-eating Osedax spp. (Annelida) and evolution of the siboglinid nervous system. *BMC Evolutionary Biology*, **2016**, 16, 83	3	9
175	Chaetal type diversity increases during evolution of Eunicida (Annelida). *Organisms Diversity and Evolution*, **2016**, 16, 105-119	1.7	10
174	New deep-sea species of Xenoturbella and the position of Xenacoelomorpha. *Nature*, **2016**, 530, 94-7	50.4	89

173	Hydrothermal Vents and Methane Seeps: Rethinking the Sphere of Influence. *Frontiers in Marine Science*, **2016**, 3,	4.5	162
172	The deepest mitochondrial genome sequenced from Mariana Trench (Amphipoda). *Mitochondrial DNA Part B: Resources*, **2016**, 1, 802-803	0.5	11
171	Diagnosis of Dysponetinae (Chrysopetalidae, Annelida). *Cladistics*, **2016**, 32, 219-220	3.5	1
170	Articulating "Archiannelids": Phylogenomics and Annelid Relationships, with Emphasis on Meiofaunal Taxa. *Molecular Biology and Evolution*, **2015**, 32, 2860-75	8.3	107
169	A spectacular new species of seadragon (Syngnathidae). *Royal Society Open Science*, **2015**, 2, 140458	3.3	11
168	Phylogenetic placement of Cibicidoides wuellerstorfi (Schwager, 1866) from methane seeps and non-seep habitats on the Pacific margin. *Geobiology*, **2015**, 13, 44-52	4.3	9
167	A dwarf male reversal in bone-eating worms. *Current Biology*, **2015**, 25, 236-241	6.3	21
166	Phylogeny and systematics of Protodrilidae (Annelida) inferred with total evidence analyses. *Cladistics*, **2015**, 31, 250-276	3.5	29
165	Biodiversity on the Rocks: Macrofauna Inhabiting Authigenic Carbonate at Costa Rica Methane Seeps. *PLoS ONE*, **2015**, 10, e0131080	3.7	538
164	Bone-Eating Worms Spread: Insights into Shallow-Water Osedax (Annelida, Siboglinidae) from Antarctic, Subantarctic, and Mediterranean Waters. *PLoS ONE*, **2015**, 10, e0140341	3.7	15
163	Serpulidae (Annelida) of Lizard Island, Great Barrier Reef, Australia. *Zootaxa*, **2015**, 4019, 275-353	0.5	8
162	A new species of Mesochaetopterus (Annelida, Chaetopteridae) from Hong Kong, with comments on the phylogeny of the family. *Zootaxa*, **2015**, 3974, 495-506	0.5	5
161	Sphaerodoridae (Annelida) from Lizard Island, Great Barrier Reef, Australia, including the description of two new species and reproductive notes. *Zootaxa*, **2015**, 4019, 168-83	0.5	8
160	Whale falls, multiple colonisations of the deep, and the phylogeny of Hesionidae (Annelida). *Invertebrate Systematics*, **2015**, 29, 105	1.2	10
159	Regional differentiation and extensive hybridization between mitochondrial clades of the Southern Ocean giant sea spider Colossendeis megalonyx. *Royal Society Open Science*, **2015**, 2, 140424	3.3	24
158	Revamping Amphinomidae (Annelida: Amphinomida), with the inclusion of Notopygos. *Zoologica Scripta*, **2015**, 44, 324-333	2.5	16
157	How the mollusc got its scales: convergent evolution of the molluscan scleritome. *Biological Journal of the Linnean Society*, **2015**, 114, 949-954	1.9	21
156	Immunohistochemical investigations of Myzostoma cirriferum and Mesomyzostoma cf. katoi (Myzostomida, Annelida) with implications for the evolution of the myzostomid body plan. *Zoomorphology*, **2014**, 133, 257-271	1	5

155	A myzostomid endoparasitic in black corals. *Coral Reefs*, **2014**, 33, 273-273	4.2	5
154	First whale fall chaetopterid; a gigantic new species of Phyllochaetopterus (Chaetopteridae: Annelida) from the deep sea off California. *Proceedings of the Biological Society of Washington*, **2014**, 126, 287	0.2	6
153	Phylogeny of Comatulidae (Echinodermata: Crinoidea: Comatulida): a new classification and an assessment of morphological characters for crinoid taxonomy. *Molecular Phylogenetics and Evolution*, **2014**, 80, 319-39	4.1	24
152	Relating divergence in polychaete musculature to different burrowing behaviors: a study using opheliidae (Annelida). *Journal of Morphology*, **2014**, 275, 548-71	1.6	12
151	Phylogeny of Myzostomida (Annelida) and their relationships with echinoderm hosts. *BMC Evolutionary Biology*, **2014**, 14, 170	3	12
150	Turbo-taxonomy: 21 new species of Myzostomida (Annelida). *Zootaxa*, **2014**, 3873, 301-44	0.5	14
149	The Global Invertebrate Genomics Alliance (GIGA): developing community resources to study diverse invertebrate genomes. *Journal of Heredity*, **2014**, 105, 1-18	2.4	70
148	Association of rhizobia with a marine polychaete. *Environmental Microbiology Reports*, **2013**, 5, 492-8	3.7	4
147	Fixed, free, and fixed: the fickle phylogeny of extant Crinoidea (Echinodermata) and their Permian-Triassic origin. *Molecular Phylogenetics and Evolution*, **2013**, 66, 161-81	4.1	75
146	Meandering worms: mechanics of undulatory burrowing in muds. *Proceedings of the Royal Society B: Biological Sciences*, **2013**, 280, 20122948	4.4	15
145	Two apparently unrelated groups of symbiotic annelids, Nautiliniellidae and Calamyzidae (Phyllodocida, Annelida), are a clade of derived chrysopetalid polychaetes. *Cladistics*, **2013**, 29, 610-628	3.5	12
144	The curious case of Hermodice carunculata (Annelida: Amphinomidae): evidence for genetic homogeneity throughout the Atlantic Ocean and adjacent basins. *Molecular Ecology*, **2013**, 22, 2280-91	5.7	37
143	Phylogeny, biogeography and systematics of hydrothermal vent and methane seep Amphisamytha (Ampharetidae, Annelida), with descriptions of three new species. *Systematics and Biodiversity*, **2013**, 11, 35-65	1.7	41
142	The reproductive system of (Annelida, Siboglinidae): ovary structure, sperm ultrastructure, and fertilization mode. *Invertebrate Biology*, **2013**, 132, 368-385	1	7
141	Cryptic species of Archinome (Annelida: Amphinomida) from vents and seeps. *Proceedings of the Royal Society B: Biological Sciences*, **2013**, 280, 20131876	4.4	34
140	How to get into bones: proton pump and carbonic anhydrase in Osedax boneworms. *Proceedings of the Royal Society B: Biological Sciences*, **2013**, 280, 20130625	4.4	32
139	Revision of the genus Eusyllis Malmgren, 1867 (Annelida: Phyllodocida: Syllidae: Eusyllinae), with the description of a new species from the eastern Pacific Ocean. *Zootaxa*, **2013**, 3599, 37-50	0.5	3
138	Validation of three sympatric Thoracophelia species (Annelida: Opheliidae) from Dillon Beach, California using mitochondrial and nuclear DNA sequence data. *Zootaxa*, **2013**, 3608, 67-74	0.5	2

137	A revision of Nereimyra (Psamathini, Hesionidae, Aciculata, Annelida). *Zoological Journal of the Linnean Society*, **2012**, 164, 36-51	2.4	4
136	A partial revision of Gyptis (Gyptini, Ophiodrominae, Hesionidae, Aciculata, Annelida), with descriptions of a new tribe, a new genus and five new species. *Zoological Journal of the Linnean Society*, **2012**, 165, 471-494	2.4	6
135	Towards a revised Amphinomidae (Annelida, Amphinomida): description and affinities of a new genus and species from the Nile Deep-sea Fan, Mediterranean Sea. *Zoologica Scripta*, **2012**, 41, 307-325	2.5	35
134	Oogenesis and ultrastructure of the ovary in Neotrigonia margaritacea (Lamarck 1804) (Bivalvia, Mollusca). *Invertebrate Reproduction and Development*, **2012**, 56, 111-123	0.7	4
133	Live fast, die young: the life cycle of the brooding feather star Aporometra wilsoni (Echinodermata: Crinoidea). *Invertebrate Biology*, **2012**, 131, 235-243	1	4
132	The potent respiratory system of Osedax mucofloris (Siboglinidae, Annelida)--a prerequisite for the origin of bone-eating Osedax?. *PLoS ONE*, **2012**, 7, e35975	3.7	16
131	A hydrothermal seep on the Costa Rica margin: middle ground in a continuum of reducing ecosystems. *Proceedings of the Royal Society B: Biological Sciences*, **2012**, 279, 2580-8	4.4	58
130	A new species of Paraseison (Rotifera: Seisonacea) from the coast of California, USA. *Journal of the Marine Biological Association of the United Kingdom*, **2012**, 92, 959-965	1.1	9
129	The remarkable squidworm is an example of discoveries that await in deep-pelagic habitats. *Biology Letters*, **2011**, 7, 449-53	3.6	6
128	Nautiliniellidae (Annelida) from Costa Rican cold seeps and a western Pacific hydrothermal vent, with description of four new species. *Systematics and Biodiversity*, **2011**, 9, 109-131	1.7	9
127	Phylogenetics of Acrocirridae and Flabelligeridae (Cirratuliformia, Annelida). *Zoologica Scripta*, **2011**, 40, 204-219	2.5	18
126	Inference of phylogenetic relationships within Fabriciidae (Sabellida, Annelida) using molecular and morphological data. *Cladistics*, **2011**, 27, 356-379	3.5	14
125	Swima (Annelida, Acrocirridae), holopelagic worms from the deep Pacific. *Zoological Journal of the Linnean Society*, **2011**, 163, 663-678	2.4	8
124	A revision of the deep-sea genus Axiokebuita Pocklington and Fournier, 1987 (Annelida: Scalibregmatidae). *Italian Journal of Zoology*, **2011**, 78, 148-162		4
123	Resolving the evolutionary relationships of molluscs with phylogenomic tools. *Nature*, **2011**, 480, 364-7	50.4	302
122	Higher-level metazoan relationships: recent progress and remaining questions. *Organisms Diversity and Evolution*, **2011**, 11, 151-172	1.7	207
121	Not whale-fall specialists, Osedax worms also consume fishbones. *Biology Letters*, **2011**, 7, 736-9	3.6	33
120	Dimorphism in methane seep-dwelling ecotypes of the largest known bacteria. *ISME Journal*, **2011**, 5, 1926-35	11.9	20

119	Convergent camouflage and the non-monophyly of "seadragons" (Syngnathidae: Teleostei): suggestions for a revised taxonomy of syngnathids. *Zoologica Scripta*, **2010**, 39, 551-558	2.5	18
118	Fossil traces of the bone-eating worm Osedax in early Oligocene whale bones. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 8656-9	11.5	48
117	The simplicity of males: dwarf males of four species of Osedax (Siboglinidae; Annelida) investigated by confocal laser scanning microscopy. *Journal of Morphology*, **2010**, 271, 127-42	1.6	37
116	Assessing the molluscan hypothesis Serialia (Monoplacophora+Polyplacophora) using novel molecular data. *Molecular Phylogenetics and Evolution*, **2010**, 54, 187-93	4.1	58
115	Evidence for cospeciation events in the host-symbiont system involving crinoids (Echinodermata) and their obligate associates, the myzostomids (Myzostomida, Annelida). *Molecular Phylogenetics and Evolution*, **2010**, 54, 357-71	4.1	20
114	Naming species with no morphological indicators: species status of Galeolaria caespitosa (Annelida:Serpulidae) inferred from nuclear and mitochondrial gene sequences and morphology. *Invertebrate Systematics*, **2009**, 23, 205	1.2	45
113	Field collection of Laevipilina hyalina McLean, 1979 from southern California, the most accessible living monoplacophoran. *Journal of Molluscan Studies*, **2009**, 75, 195-197	1.1	10
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