BjÃ¶rn M von Reumont

List of Publications by Year
in descending order

36 papers	4,119 citations	361413 20 h-index	434195 31 g-index
37 all docs	37 docs citations	37 times ranked	4908 citing authors

#	Article	IF	Citations
1	The biology and evolution of spider venoms. Biological Reviews, 2022, 97, 163-178.	10.4	42
2	Morphological Analysis Reveals a Compartmentalized Duct in the Venom Apparatus of the Wasp Spider (Argiope bruennichi). Toxins, 2021, 13, 270.	3.4	5
3	A Spider Toxin Exemplifies the Promises and Pitfalls of Cell-Free Protein Production for Venom Biodiscovery. Toxins, 2021, 13, 575.	3.4	3
4	An Economic Dilemma between Molecular Weapon Systems May Explain an Arachno-Atypical Venom in Wasp Spiders (Argiope bruennichi). Biomolecules, 2020, 10, 978.	4.0	13
5	Proteo-Transcriptomic Analysis Identifies Potential Novel Toxins Secreted by the Predatory, Prey-Piercing Ribbon Worm Amphiporus lactifloreus. Marine Drugs, 2020, 18, 407.	4.6	16
6	The complete mitochondrial genome of the hymenopteran hunting robber fly Dasypogon diadema. Mitochondrial DNA Part B: Resources, 2019, 4, 1584-1585.	0.4	0
7	Parallel Evolution of Complex Centipede Venoms Revealed by Comparative Proteotranscriptomic Analyses. Molecular Biology and Evolution, 2019, 36, 2748-2763.	8.9	24
8	Toxins from scratch? Diverse, multimodal gene origins in the predatory robber fly Dasypogon diadema indicate a dynamic venom evolution in dipteran insects. GigaScience, 2019, 8, .	6.4	25
9	Proteo-Transcriptomic Characterization of the Venom from the Endoparasitoid Wasp Pimpla turionellae with Aspects on Its Biology and Evolution. Toxins, 2019, 11, 721.	3.4	18
10	A Dipteranâ€™s Novel Sucker Punch: Evolution of Arthropod Atypical Venom with a Neurotoxic Component in Robber Flies (Asilidae, Diptera). Toxins, 2018, 10, 29.	3.4	33
11	Studying Smaller and Neglected Organisms in Modern Evolutionary Venomics Implementing RNASeq (Transcriptomics)â€”A Critical Guide. Toxins, 2018, 10, 292.	3.4	26
12	A dipteran's sucker punch: Diverse venom composition of the robber flies. Toxicon, 2018, 149, 99.	1.6	0
13	Venomics of Remipede Crustaceans Reveals Novel Peptide Diversity and Illuminates the Venomâ€™s Biological Role. Toxins, 2017, 9, 234.	3.4	27
14	Response to Comment on â€œPhylogenomics resolves the timing and pattern of insect evolutionâ€• Science, 2015, 349, 487-487.	12.6	17
15	23 RNA in phylogenetic reconstruction. , 2014, , 531-538.		1
16	Quo Vadis Venomics? A Roadmap to Neglected Venomous Invertebrates. Toxins, 2014, 6, 3488-3551.	3.4	90
17	15 Advances in molecular phylogeny of crustaceans in the light of phylogenomic data. , 2014, , 385-398.		0
18	Phylogenomics resolves the timing and pattern of insect evolution. Science, 2014, 346, 763-767.	12.6	2,096

#	Article	IF	Citations
19	A Polychaeteâ€™s Powerful Punch: Venom Gland Transcriptomics of Glycera Reveals a Complex Cocktail of Toxin Homologs. Genome Biology and Evolution, 2014, 6, 2406-2423.	2.5	66
20	The First Venomous Crustacean Revealed by Transcriptomics and Functional Morphology: Remipede Venom Glands Express a Unique Toxin Cocktail Dominated by Enzymes and a Neurotoxin. Molecular Biology and Evolution, 2014, 31, 48-58.	8.9	80
21	Accessing transcriptomic data for ecologically important genes in the goose barnacle (Pollicipes) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.1	2
22	A priori assessment of data quality in molecular phylogenetics. Algorithms for Molecular Biology, 2014, 9, .	1.2	23
23	Serotonin-immunoreactive neurons in the ventral nerve cord of Remipedia (Crustacea): support for a sister group relationship of Remipedia and Hexapoda?. BMC Evolutionary Biology, 2013, 13, 119.	3.2	27
24	Selecting informative subsets of sparse supermatrices increases the chance to find correct trees. BMC Bioinformatics, 2013, 14, 348.	2.6	98
25	De novo Ixodes ricinus salivary gland transcriptome analysis using two nextâ€generation sequencing methodologies. FASEB Journal, 2013, 27, 4745-4756.	0.5	88
26	A comprehensive analysis of bilaterian mitochondrial genomes and phylogeny. Molecular Phylogenetics and Evolution, 2013, 69, 352-364.	2.7	183
27	Pancrustacean Phylogeny in the Light of New Phylogenomic Data: Support for Remipedia as the Possible Sister Group of Hexapoda. Molecular Biology and Evolution, 2012, 29, 1031-1045.	8.9	223
28	Phylogeography of the burnet moth Zygaena transalpina complex: molecular and morphometric differentiation suggests glacial refugia in Southern France, Western France and micro-refugia within the Alps. Journal of Zoological Systematics and Evolutionary Research, 2012, 50, 38-50.	1.4	14
29	Dating the arthropod tree based on large-scale transcriptome data. Molecular Phylogenetics and Evolution, 2011, 61, 880-887.	2.7	118
30	Arthropod phylogeny revisited, with a focus on crustacean relationships. Arthropod Structure and Development, 2010, 39, 88-110.	1.4	72
31	Parametric and non-parametric masking of randomness in sequence alignments can be improved and leads to better resolved trees. Frontiers in Zoology, 2010, 7, 10.	2.0	204
32	A Phylogenomic Approach to Resolve the Arthropod Tree of Life. Molecular Biology and Evolution, 2010, 27, 2451-2464.	8.9	308
33	Hemocyanin Suggests a Close Relationship of Remipedia and Hexapoda. Molecular Biology and Evolution, 2009, 26, 2711-2718.	8.9	60
34	Can comprehensive background knowledge be incorporated into substitution models to improve phylogenetic analyses? A case study on major arthropod relationships. BMC Evolutionary Biology, 2009, 9, 119.	3.2	112
35	Cationic composition and acidâ€“base state of the extracellular fluid, and specific buffer value of hemoglobin from the branchiopod crustacean Triops cancriformis. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2009, 179, 369-381.	1.5	1
36	Aspects of Quality and Project Management in Analyses of Large Scale Sequencing Data. , 0, , .		0