

Mand? Holford

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46 papers	1,021 citations	19 h-index	31 g-index
52 ext. papers	1,170 ext. citations	6.5 avg, IF	4.1 L-index

#	Paper	IF	Citations
46	Large-scale species delimitation method for hyperdiverse groups. <i>Molecular Ecology</i> , 2012 , 21, 2671-91	5.7	213
45	Introduction of unnatural amino acids into proteins using expressed protein ligation. <i>Biopolymers</i> , 1999 , 51, 343-54	2.2	66
44	Semisynthesis of Hyperphosphorylated Type I TGF β Receptor: Addressing the Mechanism of Kinase Activation. <i>Journal of the American Chemical Society</i> , 2000 , 122, 8337-8338	16.4	53
43	Pruning nature: Biodiversity-derived discovery of novel sodium channel blocking conotoxins from <i>Conus bullatus</i> . <i>Toxicon</i> , 2009 , 53, 90-8	2.8	47
42	Venoms to the rescue. <i>Science</i> , 2018 , 361, 842-844	33.3	43
41	Tailored delivery of analgesic ziconotide across a blood brain barrier model using viral nanocontainers. <i>Scientific Reports</i> , 2015 , 5, 12497	4.9	42
40	Mapping the molecular interface between the sigma(70) subunit of E. coli RNA polymerase and T4 AsiA. <i>Journal of Molecular Biology</i> , 2001 , 306, 631-42	6.5	42
39	Using 3D printed eggs to examine the egg-rejection behaviour of wild birds. <i>PeerJ</i> , 2015 , 3, e965	3.1	39
38	Discovery of peptide ligands through docking and virtual screening at nicotinic acetylcholine receptor homology models. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E8100-E8109	11.5	37
37	The Terebridae and teretoxins: Combining phylogeny and anatomy for concerted discovery of bioactive compounds. <i>BMC Chemical Biology</i> , 2010 , 10, 7		36
36	Macroevolution of venom apparatus innovations in auger snails (Gastropoda; Conoidea; Terebridae). <i>Molecular Phylogenetics and Evolution</i> , 2012 , 64, 21-44	4.1	31
35	From Mollusks to Medicine: A Venomics Approach for the Discovery and Characterization of Therapeutics from Terebridae Peptide Toxins. <i>Toxins</i> , 2016 , 8, 117	4.9	29
34	Molecular Diversity and Gene Evolution of the Venom Arsenal of Terebridae Predatory Marine Snails. <i>Genome Biology and Evolution</i> , 2015 , 7, 1761-78	3.9	27
33	The cuticle modulates ultraviolet reflectance of avian eggshells. <i>Biology Open</i> , 2015 , 4, 753-9	2.2	27
32	Evolution of the Toxoglossa venom apparatus as inferred by molecular phylogeny of the Terebridae. <i>Molecular Biology and Evolution</i> , 2009 , 26, 15-25	8.3	27
31	A good compromise: rapid and robust species proxies for inventorying biodiversity hotspots using the Terebridae (Gastropoda: Conoidea). <i>PLoS ONE</i> , 2014 , 9, e102160	3.7	27
30	Sample limited characterization of a novel disulfide-rich venom peptide toxin from terebrid marine snail <i>Terebra variegata</i> . <i>PLoS ONE</i> , 2014 , 9, e94122	3.7	24

29	Nature's Palette: Characterization of Shared Pigments in Colorful Avian and Mollusk Shells. <i>PLoS ONE</i> , 2015 , 10, e0143545	3.7	20
28	Are Fireworms Venomous? Evidence for the Convergent Evolution of Toxin Homologs in Three Species of Fireworms (Annelida, Amphinomidae). <i>Genome Biology and Evolution</i> , 2018 , 10, 249-268	3.9	19
27	Manipulating neuronal circuits with endogenous and recombinant cell-surface tethered modulators. <i>Frontiers in Molecular Neuroscience</i> , 2009 , 2, 21	6.1	18
26	Developing a Dissociative Nanocontainer for Peptide Drug Delivery. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 12543-55	4.6	15
25	Correlating molecular phylogeny with venom apparatus occurrence in Panamic auger snails (Terebridae). <i>PLoS ONE</i> , 2009 , 4, e7667	3.7	14
24	Building on Success: A Bright Future for Peptide Therapeutics. <i>Protein and Peptide Letters</i> , 2018 , 25, 1044-1050	4.1	13
23	Adding Up to protein engineering. <i>Structure</i> , 1998 , 6, 951-6	5.2	13
22	The Neogastropoda: Evolutionary Innovations of Predatory Marine Snails with Remarkable Pharmacological Potential 2010 , 249-270		12
21	Small Packages, Big Returns: Uncovering the Venom Diversity of Small Invertebrate Conoidean Snails. <i>Integrative and Comparative Biology</i> , 2016 , 56, 962-972	2.8	12
20	Selective Inhibition of Liver Cancer Cells Using Venom Peptide. <i>Marine Drugs</i> , 2019 , 17,	6	10
19	The chemical basis of a signal of individual identity: shell pigment concentrations track the unique appearance of Common Murre eggs. <i>Journal of the Royal Society Interface</i> , 2019 , 16, 20190115	4.1	8
18	Venom Diversity and Evolution in the Most Divergent Cone Snail Genus. <i>Toxins</i> , 2019 , 11,	4.9	7
17	Comparative Animal Mucomics: Inspiration for Functional Materials from Ubiquitous and Understudied Biopolymers. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 5377-5398	5.5	6
16	How to Make a Mimic? Brood Parasitic Striped Cuckoo Eggs Match Host Shell Color but Not Pigment Concentrations. <i>Journal of Chemical Ecology</i> , 2018 , 44, 940-946	2.7	5
15	The perceptual and chemical bases of egg discrimination in communally nesting greater anis <i>Crotophaga major</i> . <i>Journal of Avian Biology</i> , 2018 , 49, e01776	1.9	4
14	Breakthroughs in Venom Peptide Screening Methods to Advance Future Drug Discovery. <i>Protein and Peptide Letters</i> , 2018 , 25, 1137-1148	1.9	4
13	Advancing Discovery of Snail Mucins Function and Application. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 734023	5.8	4
12	Characterization and Recombinant Expression of Terebrid Venom Peptide from <i>Terebra guttata</i> . <i>Toxins</i> , 2016 , 8,	4.9	4

11	Using <i>Drosophila</i> behavioral assays to characterize terebrid venom-peptide bioactivity. <i>Scientific Reports</i> , 2018 , 8, 15276	4.9	4
10	Antitumor effects of Tv1 venom peptide in liver cancer		3
9	Phylogenetic classification of the family Terebridae (Neogastropoda: Conoidea). <i>Journal of Molluscan Studies</i> , 2019 , 85, 359-387	1.1	3
8	Introduction of unnatural amino acids into proteins using expressed protein ligation 1999 , 51, 343		3
7	Macroevolutionary Analyses Suggest That Environmental Factors, Not Venom Apparatus, Play Key Role in Terebridae Marine Snail Diversification. <i>Systematic Biology</i> , 2020 , 69, 413-430	8.4	2
6	Integrating the Life Sciences to Jumpstart the Next Decade of Discovery. <i>Integrative and Comparative Biology</i> , 2021 ,	2.8	1
5	Beach to Bench to Bedside: Marine Invertebrate Biochemical Adaptations and Their Applications in Biotechnology and Biomedicine. <i>Results and Problems in Cell Differentiation</i> , 2018 , 65, 359-376	1.4	1
4	Induced Disassembly of a Virus-like Particle under Physiological Conditions for Venom Peptide Delivery. <i>Bioconjugate Chemistry</i> , 2021 , 32, 111-120	6.3	1
3	From Flatland to Jupiter: Searching for Rules of Interaction Across Biological Scales. <i>Integrative and Comparative Biology</i> , 2021 ,	2.8	1
2	Made-to-measure postdocs. <i>Nature</i> , 2006 , 443, 1028	50.4	
1	VenomFlow: An Automated Bioinformatic Pipeline for Identification of Disulfide-Rich Peptides from Venom Arsenal. <i>Methods in Molecular Biology</i> , 2022 , 89-97	1.4	