Mand? Holford

List of Publications by Year in Descending Order

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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	VenomFlow: An Automated Bioinformatic Pipeline for Identification of Disulfide-Rich Peptides from Venom Arsenals. *Methods in Molecular Biology*, **2022**, 89-97	1.4	
45	Integrating the Life Sciences to Jumpstart the Next Decade of Discovery. *Integrative and Comparative Biology*, **2021**,	2.8	1
44	Advancing Discovery of Snail Mucins Function and Application. *Frontiers in Bioengineering and Biotechnology*, **2021**, 9, 734023	5.8	4
43	Induced Disassembly of a Virus-like Particle under Physiological Conditions for Venom Peptide Delivery. *Bioconjugate Chemistry*, **2021**, 32, 111-120	6.3	1
42	From Flatland to Jupiter: Searching for Rules of Interaction Across Biological Scales. *Integrative and Comparative Biology*, **2021**,	2.8	1
41	Macroevolutionary Analyses Suggest That Environmental Factors, Not Venom Apparatus, Play Key Role in Terebridae Marine Snail Diversification. *Systematic Biology*, **2020**, 69, 413-430	8.4	2
40	Comparative Animal Mucomics: Inspiration for Functional Materials from Ubiquitous and Understudied Biopolymers. *ACS Biomaterials Science and Engineering*, **2020**, 6, 5377-5398	5.5	6
39	The chemical basis of a signal of individual identity: shell pigment concentrations track the unique appearance of Common Murre eggs. *Journal of the Royal Society Interface*, **2019**, 16, 20190115	4.1	8
38	Selective Inhibition of Liver Cancer Cells Using Venom Peptide. *Marine Drugs*, **2019**, 17,	6	10
37	Venom Diversity and Evolution in the Most Divergent Cone Snail Genus. *Toxins*, **2019**, 11,	4.9	7
36	Phylogenetic classification of the family Terebridae (Neogastropoda: Conoidea). *Journal of Molluscan Studies*, **2019**, 85, 359-387	1.1	3
35	Building on Success: A Bright Future for Peptide Therapeutics. *Protein and Peptide Letters*, **2018**, 25, 1044-1050	1.9	13
34	Are Fireworms Venomous? Evidence for the Convergent Evolution of Toxin Homologs in Three Species of Fireworms (Annelida, Amphinomidae). *Genome Biology and Evolution*, **2018**, 10, 249-268	3.9	19
33	The perceptual and chemical bases of egg discrimination in communally nesting greater anis Crotophaga major. *Journal of Avian Biology*, **2018**, 49, e01776	1.9	4
32	Breakthroughs in Venom Peptide Screening Methods to Advance Future Drug Discovery. *Protein and Peptide Letters*, **2018**, 25, 1137-1148	1.9	4
31	Beach to Bench to Bedside: Marine Invertebrate Biochemical Adaptations and Their Applications in Biotechnology and Biomedicine. *Results and Problems in Cell Differentiation*, **2018**, 65, 359-376	1.4	1
30	Using Drosophila behavioral assays to characterize terebrid venom-peptide bioactivity. *Scientific Reports*, **2018**, 8, 15276	4.9	4

29	Venoms to the rescue. *Science*, **2018**, 361, 842-844	33.3	43
28	How to Make a Mimic? Brood Parasitic Striped Cuckoo Eggs Match Host Shell Color but Not Pigment Concentrations. *Journal of Chemical Ecology*, **2018**, 44, 940-946	2.7	5
27	Discovery of peptide ligands through docking and virtual screening at nicotinic acetylcholine receptor homology models. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E8100-E8109	11.5	37
26	Characterization and Recombinant Expression of Terebrid Venom Peptide from Terebra guttata. *Toxins*, **2016**, 8,	4.9	4
25	From Mollusks to Medicine: A Venomics Approach for the Discovery and Characterization of Therapeutics from Terebridae Peptide Toxins. *Toxins*, **2016**, 8, 117	4.9	29
24	Small Packages, Big Returns: Uncovering the Venom Diversity of Small Invertebrate Conoidean Snails. *Integrative and Comparative Biology*, **2016**, 56, 962-972	2.8	12
23	Molecular Diversity and Gene Evolution of the Venom Arsenal of Terebridae Predatory Marine Snails. *Genome Biology and Evolution*, **2015**, 7, 1761-78	3.9	27
22	Tailored delivery of analgesic ziconotide across a blood brain barrier model using viral nanocontainers. *Scientific Reports*, **2015**, 5, 12497	4.9	42
21	Developing a Dissociative Nanocontainer for Peptide Drug Delivery. *International Journal of Environmental Research and Public Health*, **2015**, 12, 12543-55	4.6	15
20	Nature's Palette: Characterization of Shared Pigments in Colorful Avian and Mollusk Shells. *PLoS ONE*, **2015**, 10, e0143545	3.7	20
19	The cuticle modulates ultraviolet reflectance of avian eggshells. *Biology Open*, **2015**, 4, 753-9	2.2	27
18	Using 3D printed eggs to examine the egg-rejection behaviour of wild birds. *PeerJ*, **2015**, 3, e965	3.1	39
17	Sample limited characterization of a novel disulfide-rich venom peptide toxin from terebrid marine snail Terebra variegata. *PLoS ONE*, **2014**, 9, e94122	3.7	24
16	A good compromise: rapid and robust species proxies for inventorying biodiversity hotspots using the Terebridae (Gastropoda: Conoidea). *PLoS ONE*, **2014**, 9, e102160	3.7	27
15	Large-scale species delimitation method for hyperdiverse groups. *Molecular Ecology*, **2012**, 21, 2671-91	5.7	213
14	Macroevolution of venom apparatus innovations in auger snails (Gastropoda; Conoidea; Terebridae). *Molecular Phylogenetics and Evolution*, **2012**, 64, 21-44	4.1	31
13	The Neogastropoda: Evolutionary Innovations of Predatory Marine Snails with Remarkable Pharmacological Potential **2010**, 249-270		12
12	The Terebridae and teretoxins: Combining phylogeny and anatomy for concerted discovery of bioactive compounds. *BMC Chemical Biology*, **2010**, 10, 7		36

11	Correlating molecular phylogeny with venom apparatus occurrence in Panamic auger snails (Terebridae). *PLoS ONE*, **2009**, 4, e7667	3.7	14
10	Pruning nature: Biodiversity-derived discovery of novel sodium channel blocking conotoxins from Conus bullatus. *Toxicon*, **2009**, 53, 90-8	2.8	47
9	Manipulating neuronal circuits with endogenous and recombinant cell-surface tethered modulators. *Frontiers in Molecular Neuroscience*, **2009**, 2, 21	6.1	18
8	Evolution of the Toxoglossa venom apparatus as inferred by molecular phylogeny of the Terebridae. *Molecular Biology and Evolution*, **2009**, 26, 15-25	8.3	27
7	Made-to-measure postdocs. *Nature*, **2006**, 443, 1028	50.4	
6	Mapping the molecular interface between the sigma(70) subunit of E. coli RNA polymerase and T4 AsiA. *Journal of Molecular Biology*, **2001**, 306, 631-42	6.5	42
5	Semisynthesis of Hyperphosphorylated Type I TGF Receptor: Addressing the Mechanism of Kinase Activation. *Journal of the American Chemical Society*, **2000**, 122, 8337-8338	16.4	53
4	Introduction of unnatural amino acids into proteins using expressed protein ligation. *Biopolymers*, **1999**, 51, 343-54	2.2	66
3	Introduction of unnatural amino acids into proteins using expressed protein ligation **1999**, 51, 343		3
2	Adding splice to protein engineering. *Structure*, **1998**, 6, 951-6	5.2	13
1	Antitumor effects of Tv1 venom peptide in liver cancer		3