

Jon-Paul Bingham

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/679682/publications.pdf>

Version: 2024-02-01

43
papers

1,013
citations

430874

18
h-index

434195

31
g-index

44
all docs

44
docs citations

44
times ranked

1345
citing authors

#	ARTICLE	IF	CITATIONS
1	Tarantula Huwentoxin-IV Inhibits Neuronal Sodium Channels by Binding to Receptor Site 4 and Trapping the Domain II Voltage Sensor in the Closed Configuration. <i>Journal of Biological Chemistry</i> , 2008, 283, 27300-27313.	3.4	154
2	Scorpion Toxins Specific for Potassium (K ⁺) Channels: A Historical Overview of Peptide Bioengineering. <i>Toxins</i> , 2012, 4, 1082-1119.	3.4	69
3	Drugs from slugsâ€™ Past, present and future perspectives of Î±-conotoxin research. <i>Chemico-Biological Interactions</i> , 2010, 183, 1-18.	4.0	65
4	Native Chemical Ligation: A Boon to Peptide Chemistry. <i>Molecules</i> , 2014, 19, 14461-14483.	3.8	60
5	Three-Dimensional Solution Structure of Î±-Conotoxin MIII by NMR Spectroscopy: Effects of Solution Environment on Helicity. <i>Biochemistry</i> , 1998, 37, 15621-15630.	2.5	58
6	Determining sequences and post-translational modifications of novel conotoxins in <i>Conus victoriae</i> using cDNA sequencing and mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2004, 39, 548-557.	1.6	56
7	Anatomical Correlates of Venom Production in <i>Conus californicus</i> . <i>Biological Bulletin</i> , 2002, 203, 27-41.	1.8	52
8	Isolation and Characterization of Conopeptides by High-performance Liquid Chromatography Combined with Mass Spectrometry and Tandem Mass Spectrometry. , 1996, 10, 138-143.		37
9	Functional Role and Affinity of Inorganic Cations in Stabilizing the Tetrameric Structure of the KcsA K ⁺ Channel. <i>Journal of General Physiology</i> , 2005, 126, 271-283.	1.9	35
10	The Emergence of Cyclic Peptides: The Potential of Bioengineered Peptide Drugs. <i>International Journal of Peptide Research and Therapeutics</i> , 2014, 20, 545-551.	1.9	33
11	From nature to creation: Going around in circles, the art of peptide cyclization. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 1135-1150.	3.0	31
12	High performance liquid chromatography method for rapid quantification of phorbol esters in <i>Jatropha curcas</i> seed. <i>Industrial Crops and Products</i> , 2013, 49, 211-219.	5.2	29
13	Conotoxin truncation as a post-translational modification to increase the pharmacological diversity within the milked venom of <i>Conus magus</i> . <i>Toxicon</i> , 2013, 70, 170-178.	1.6	27
14	A 21st-century approach to age-old problems: the ascension of biologics in clinical therapeutics. <i>Drug Discovery Today</i> , 2014, 19, 1109-1113.	6.4	27
15	A Carbon-Nitrogen Lyase from <i>Leucaena leucocephala</i> Catalyzes the First Step of Mimosine Degradation. <i>Plant Physiology</i> , 2014, 164, 922-934.	4.8	24
16	Analysis of a cone snail's killer cocktail â€” The milked venom of <i>Conus geographus</i> . <i>Toxicon</i> , 2012, 60, 1166-1170.	1.6	21
17	Cone snail milked venom dynamics â€” A quantitative study of <i>Conus purpurascens</i> . <i>Toxicon</i> , 2012, 60, 83-94.	1.6	20
18	Incorporation of post-translational modified amino acids as an approach to increase both chemical and biological diversity of conotoxins and conopeptides. <i>Amino Acids</i> , 2014, 46, 125-151.	2.7	19

#	ARTICLE	IF	CITATIONS
19	Optimizing the connectivity in disulfide-rich peptides: Î±-conotoxin SII as a case study. <i>Analytical Biochemistry</i> , 2005, 338, 48-61.	2.4	18
20	Anti-inflammatory activities of <i>Waltheria indica</i> extracts by modulating expression of IL-1B, TNF-Î±, TNFR1I and NF-ÎºB in human macrophages. <i>Inflammopharmacology</i> , 2020, 28, 525-540.	3.9	18
21	Synthesis of a Biotin Derivative of Iberitoxin:â€™ Binding Interactions with Streptavidin and the BK Ca2+-Activated K+ Channel Expressed in a Human Cell Line. <i>Bioconjugate Chemistry</i> , 2006, 17, 689-699.	3.6	17
22	How Much at Risk Are Cone Snails?. <i>Science</i> , 2004, 303, 955-957.	12.6	14
23	A â€™conovenomicâ€™ analysis of the milked venom from the mollusk-hunting cone snail <i>Conus textile</i> â€™The pharmacological importance of post-translational modifications. <i>Peptides</i> , 2013, 49, 145-158.	2.4	14
24	Drugs from Slugs. Part II â€™ Conopeptide bioengineering. <i>Chemico-Biological Interactions</i> , 2012, 200, 92-113.	4.0	13
25	Dissolved amino acids in oceanic basaltic basement fluids. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 164, 175-190.	3.9	13
26	Genome-informed loop-mediated isothermal amplification assay for specific detection of <i>Pectobacterium parmentieri</i> in infected potato tissues and soil. <i>Scientific Reports</i> , 2021, 11, 21948.	3.3	13
27	midD-encoded â€™rhizomimosinaseâ€™ from <i>Rhizobium</i> sp. strain TAL1145 is a Câ€™N lyase that catabolizes L-mimosine into 3-hydroxy-4-pyridone, pyruvate and ammonia. <i>Amino Acids</i> , 2013, 44, 1537-1547.	2.7	10
28	Maturation, spawning, and larval development in captive yellowfoot limpets (<i>Cellana</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (s	0.8	9
29	Synthesis of an iberitoxin derivative by chemical ligation: A method for improved yields of cysteine-rich scorpion toxin peptides. <i>Peptides</i> , 2009, 30, 1049-1057.	2.4	8
30	Conotoxins and their regulatory considerations. <i>Regulatory Toxicology and Pharmacology</i> , 2014, 70, 197-202.	2.7	8
31	An O-Acetylserine (thiol) Lyase from <i>Leucaena leucocephala</i> Is a Cysteine Synthase But Not a Mimosine Synthase. <i>Applied Biochemistry and Biotechnology</i> , 2014, 173, 1157-1168.	2.9	8
32	Carotenoid composition and bioaccessibility of papaya cultivars from Hawaii. <i>Journal of Food Composition and Analysis</i> , 2021, 101, 103984.	3.9	8
33	Regulation of Hepatic UGT2B15 by Methylation in Adults of Asian Descent. <i>Pharmaceutics</i> , 2018, 10, 6.	4.5	6
34	Screening <i>Carica papaya</i> native promoters driving stilbene synthase expression in <i>Arabidopsis thaliana</i> for resveratrol glucoside (piceid) synthesis. <i>Plant Biotechnology Reports</i> , 2015, 9, 307-317.	1.5	5
35	Cone shell envenomation: epidemiology, pharmacology and medical care. <i>Diving and Hyperbaric Medicine</i> , 2015, 45, 200-7.	0.5	5
36	tâ€™boc synthesis of huwentoxinâ€™ through native chemical ligation incorporating a trifluoromethanesulfonic acid cleavage strategy. <i>Biopolymers</i> , 2016, 106, 737-745.	2.4	3

#	ARTICLE	IF	CITATIONS
37	Interaction of the BKCa channel gating ring with dendrotoxins. <i>Channels</i> , 2014, 8, 421-432.	2.8	2
38	Hard coral (<i>Porites lobata</i>) extracts and homarine on cytochrome P450 expression in Hawaiian butterflyfishes with different feeding strategies. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2016, 179, 57-63.	2.6	2
39	Evaluation of Hawaiian Heritage Sweet Potato (<i>Ipomoea batatas</i> (L.) Lam.) Breeding Lines. <i>Agronomy</i> , 2021, 11, 1545.	3.0	1
40	Conotoxins. , 2014, , 467-484.		1
41	Near-daily reconstruction of tropical intertidal limpet life-history using secondary-ion mass spectrometry. <i>Communications Earth & Environment</i> , 2021, 2, .	6.8	0
42	Design development and application of a fluorescent probe to study changes in hERG channel density and trafficking; a mechanistic basis for cardiac arrhythmia. <i>FASEB Journal</i> , 2010, 24, 490.2.	0.5	0
43	Characterization of Oâ€acetylserine (thiol) lyase from <i>Leucaena leucocephala</i> . <i>FASEB Journal</i> , 2013, 27, 580.3.	0.5	0