Alun Jones

List of Publications by Year in descending order

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60 papers	4,364 citations	126907 33 h-index	138484 58 g-index
61 all docs	61 docs citations	61 times ranked	4226 citing authors

#	Article	IF	Citations
1	In situ neutralization in Bocâ€chemistry solid phase peptide synthesis. International Journal of Peptide and Protein Research, 1992, 40, 180-193.	0.1	889
2	Novel Ï‰-Conotoxins from Conus catus Discriminate among Neuronal Calcium Channel Subtypes. Journal of Biological Chemistry, 2000, 275, 35335-35344.	3.4	199
3	Deep Venomics Reveals the Mechanism for Expanded Peptide Diversity in Cone Snail Venom. Molecular and Cellular Proteomics, 2013, 12, 312-329.	3.8	180
4	A Granulin-Like Growth Factor Secreted by the Carcinogenic Liver Fluke, Opisthorchis viverrini, Promotes Proliferation of Host Cells. PLoS Pathogens, 2009, 5, e1000611.	4.7	162
5	Remarkable inter- and intra-species complexity of conotoxins revealed by LC/MS. Peptides, 2009, 30, 1222-1227.	2.4	152
6	In Situ Neutralization in Boc-chemistry Solid Phase Peptide Synthesis. International Journal of Peptide Research and Therapeutics, 2007, 13, 31-44.	1.9	151
7	The secreted and surface proteomes of the adult stage of the carcinogenic human liver fluke Opisthorchis viverrini. Proteomics, 2010, 10, 1063-1078.	2.2	135
8	Exposed proteins of the Schistosoma japonicum tegument. International Journal for Parasitology, 2010, 40, 543-554.	3.1	130
9	Isolation and characterisation of Indian Ocean ciguatoxin. Toxicon, 2002, 40, 685-693.	1.6	121
10	crystal Structure and Electrospray Ionization Mass Spectrometry, Electron Paramagnetic Resonance, and Magnetic Susceptibility Study of [Cu2(ascidH2)(1,2-.mu.-CO3)(H2O)2].cntdot.2H2O, the Bis(copper(II)) Complex of Ascidiacyclamide (ascidH4), a Cyclic Peptide Isolated from the Ascidian Lissoclinum patella. Inorganic Chemistry, 1994, 33, 3549-3557.	4.0	118
11	HPLC/Tandem Electrospray Mass Spectrometry for the Determination of Sub-ppb Levels of Pacific and Caribbean Ciguatoxins in Crude Extracts of Fish. Analytical Chemistry, 1999, 71, 247-250.	6.5	106
12	Î±-Conotoxin EpI, a Novel Sulfated Peptide from Conus episcopatusThat Selectively Targets Neuronal Nicotinic Acetylcholine Receptors. Journal of Biological Chemistry, 1998, 273, 15667-15674.	3.4	103
13	Clawing through Evolution: Toxin Diversification and Convergence in the Ancient Lineage Chilopoda (Centipedes). Molecular Biology and Evolution, 2014, 31, 2124-2148.	8.9	100
14	Multiple ciguatoxins present in Indian Ocean reef fish. Toxicon, 2002, 40, 1347-1353.	1.6	97
15	Characterisation of multiple Caribbean ciguatoxins and congeners in individual specimens of horse-eye jack (Caranx latus) by high-performance liquid chromatography/mass spectrometry. Toxicon, 2002, 40, 929-939.	1.6	85
16	Optimized deep-targeted proteotranscriptomic profiling reveals unexplored Conus toxin diversity and novel cysteine frameworks. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3782-91.	7.1	85
17	Cooliatoxin, the first toxin fromCoolia monotis (dinophyceae). Natural Toxins, 1995, 3, 355-362.	1.0	84
18	Chemical and Functional Identification and Characterization of Novel Sulfated Î±-Conotoxins from the Cone SnailConusanemone. Journal of Medicinal Chemistry, 2004, 47, 1234-1241.	6.4	80

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19	Dehydration Converts DsbG Crystal Diffraction from Low to High Resolution. Structure, 2003, 11, 139-145.	3.3	77
20	Rapid extraction combined with LC-tandem mass spectrometry (CREM-LC/MS/MS) for the determination of ciguatoxins in ciguateric fish flesh. Toxicon, 2009, 54, 62-66.	1.6	75
21	Hydroxyproline quantification for the estimation of collagen in tissue using multiple reaction monitoring mass spectrometry. Journal of Chromatography A, 2008, 1212, 150-153.	3.7	72
22	Identification of a Novel Class of Nicotinic Receptor Antagonists. Journal of Biological Chemistry, 2006, 281, 24745-24755.	3.4	70
23	Characterization of ciguatoxins and ciguatoxin congeners present in ciguateric fish by gradient reverse-phase high-performance liquid chromatography/mass spectrometry. Toxicon, 1997, 35, 159-168.	1.6	69
24	A Proteomics and Transcriptomics Investigation of the Venom from the Barychelid Spider Trittame loki (Brush-Foot Trapdoor). Toxins, 2013, 5, 2488-2503.	3.4	68
25	Lonspray mass spectrometry of ciguatoxin-1, maitotoxin-2 and -3, and related marine polyether toxins. Natural Toxins, 1994, 2, 56-63.	1.0	63
26	Binding of Copper(II) to the Cyclic Octapeptide Patellamide D. Inorganic Chemistry, 1994, 33, 2280-2289.	4.0	62
27	Dracula's children: Molecular evolution of vampire bat venom. Journal of Proteomics, 2013, 89, 95-111.	2.4	61
28	Identification of slow and fast-acting toxins in a highly ciguatoxic barracuda (Sphyraena barracuda) by HPLC/MS and radiolabelled ligand binding. Toxicon, 2003, 42, 663-672.	1.6	58
29	Flexibility versus Rigidity for Orally Bioavailable Cyclic Hexapeptides. ChemBioChem, 2015, 16, 2289-2293.	2.6	58
30	Quantitative analysis of two pyridinium metabolites of haloperidol in patients with schizophrenia. Clinical Pharmacology and Therapeutics, 1994, 56, 512-520.	4.7	53
31	Squeezers and Leaf-cutters: Differential Diversification and Degeneration of the Venom System in Toxicoferan Reptiles. Molecular and Cellular Proteomics, 2013, 12, 1881-1899.	3.8	52
32	Species and Regional Variations in the Effectiveness of Antivenom against the in Vitro Neurotoxicity of Death Adder (Acanthophis) Venoms. Toxicology and Applied Pharmacology, 2001, 175, 140-148.	2.8	43
33	Isolation and Characterization of Conopeptides by High-performance Liquid Chromatography Combined with Mass Spectrometry and Tandem Mass Spectrometry. , 1996, 10, 138-143.		37
34	Cyclic tetrapeptides via the ring contraction strategy: chemical techniques useful for their identification. Organic and Biomolecular Chemistry, 2008, 6, 1386.	2.8	34
35	Solution Structure, Membrane Interactions, and Protein Binding Partners of the Tetraspanin Sm-TSP-2, a Vaccine Antigen from the Human Blood Fluke Schistosoma mansoni. Journal of Biological Chemistry, 2014, 289, 7151-7163.	3.4	33
36	Macrophage secretory products induce an inflammatory phenotype in hepatocytes. World Journal of Gastroenterology, 2012, 18, 1732.	3.3	32

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37	Formation of mononuclear and chloro-bridged binuclear copper(II) complexes of patellamide D, a naturally occurring cyclic peptide: influence of anion and solvent. Journal of Inorganic Biochemistry, 2004, 98, 1857-1866.	3.5	28
38	Singleâ€step protease cleavage elution for identification of proteinâ€“protein interactions from GST pullâ€down and mass spectrometry. Proteomics, 2014, 14, 19-23.	2.2	27
39	Peptide quantification by matrix-assisted laser desorption ionisation time-of-flight mass spectrometry: Investigations of the cyclotide kalata B1 in biological fluids. Journal of Chromatography A, 2005, 1091, 187-193.	3.7	26
40	Deep venomics of the Pseudonaja genus reveals inter- and intra-specific variation. Journal of Proteomics, 2016, 133, 20-32.	2.4	26
41	Proteomic analysis of bovine conceptus fluids during early pregnancy. Proteomics, 2008, 8, 160-177.	2.2	25
42	Ion-spray tandem mass spectrometry in peptide synthesis: Structural characterization of minor by-products in the synthesis of ACP(65â€“74). Analytical Biochemistry, 1992, 204, 335-343.	2.4	23
43	Quantitative analysis of backbone-cyclised peptides in plants. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 872, 107-114.	2.3	21
44	Comparison of the peptidome and insecticidal activity of venom from a taxonomically diverse group of theraphosid spiders. Toxicon, 2009, 53, 496-502.	1.6	20
45	Venom Profiling of a Population of the Theraphosid Spider Phlogius crassipes Reveals Continuous Ontogenetic Changes from Juveniles through Adulthood. Toxins, 2017, 9, 116.	3.4	20
46	p-Cresol As a Reversible Acylium Ion Scavenger in Solid-Phase Peptide Synthesis. Journal of the American Chemical Society, 1998, 120, 1410-1420.	13.7	19
47	Transcriptomic-Proteomic Correlation in the Predation-Evoked Venom of the Cone Snail, Conus imperialis. Marine Drugs, 2019, 17, 177.	4.6	19
48	Optimizing the connectivity in disulfide-rich peptides: Î±-conotoxin SII as a case study. Analytical Biochemistry, 2005, 338, 48-61.	2.4	18
49	Differential proteomic analysis of bovine conceptus fluid proteins in pregnancies generated by assisted reproductive technologies. Proteomics, 2008, 8, 2967-2982.	2.2	12
50	Vintage venoms: Proteomic and pharmacological stability of snake venoms stored for up to eight decades. Journal of Proteomics, 2014, 105, 285-294.	2.4	12
51	Conotoxin TVIIA, a novel peptide from the venom of Conus tulipa. FEBS Journal, 2000, 267, 4642-4648.	0.2	11
52	Crystallization and preliminary diffraction studies of native and selenomethionine CcmG (CycY, DsbE). Acta Crystallographica Section D: Biological Crystallography, 2001, 57, 1293-1295.	2.5	10
53	Multiple Reaction Monitoring for the Accurate Quantification of Amino Acids: Using Hydroxyproline to Estimate Collagen Content. Methods in Molecular Biology, 2012, 828, 291-303.	0.9	10
54	Mass landscapes of seven scorpion species: The first analyses of Australian species with 1,5-DAN matrix. Journal of Venom Research, 2012, 3, 7-14.	0.6	10

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55	Analytical methods for differentiating minor sequence variations in related peptides. Journal of Chromatography A, 1993, 646, 175-184.	3.7	9
56	Differential Protein Expression Marks the Transition From Infection With Opisthorchis viverrini to Cholangiocarcinoma. Molecular and Cellular Proteomics, 2017, 16, 911-923.	3.8	9
57	Discovering proteins for chemoprevention and chemotherapy by curcumin in liver fluke infection-induced bile duct cancer. PLoS ONE, 2018, 13, e0207405.	2.5	9
58	Characterisation of TNF-Î±-related peptides by high-performance liquid chromatographyâ€"mass spectrometry and high-performance liquid chromatographyâ€"tandem mass spectrometry. Journal of Chromatography A, 1993, 646, 185-191.	3.7	4
59	Multiple Reaction Monitoring for the Accurate Quantification of Amino Acids: Using Hydroxyproline to Estimate Collagen Content. Methods in Molecular Biology, 2019, 2030, 33-45.	0.9	1
60	Biochemical Modulation of Venom by Spiders is Achieved Via Compartmentalized Toxin Production and Storage. SSRN Electronic Journal, 0, , .	0.4	1