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	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
2	Transcriptomic-Proteomic Correlation in the Predation-Evoked Venom of the Cone Snail, Conus imperialis. Marine Drugs, 2019, 17, 177.	4.6	19
3	Discovering proteins for chemoprevention and chemotherapy by curcumin in liver fluke infection-induced bile duct cancer. PLoS ONE, 2018, 13, e0207405.	2.5	9
4	Differential Protein Expression Marks the Transition From Infection With Opisthorchis viverrini to Cholangiocarcinoma. Molecular and Cellular Proteomics, 2017, 16, 911-923.	3.8	9
5	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
6	Deep venomics of the Pseudonaja genus reveals inter- and intra-specific variation. Journal of Proteomics, 2016, 133, 20-32.	2.4	26
7	Flexibility versus Rigidity for Orally Bioavailable Cyclic Hexapeptides. ChemBioChem, 2015, 16, 2289-2293.	2.6	58
8	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
9	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
10	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
11	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
12	Clawing through Evolution: Toxin Diversification and Convergence in the Ancient Lineage Chilopoda (Centipedes). Molecular Biology and Evolution, 2014, 31, 2124-2148.	8.9	100
13	Dracula's children: Molecular evolution of vampire bat venom. Journal of Proteomics, 2013, 89, 95-111.	2.4	61
14	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
15	Deep Venomics Reveals the Mechanism for Expanded Peptide Diversity in Cone Snail Venom. Molecular and Cellular Proteomics, 2013, 12, 312-329.	3.8	180
16	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
17	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
18	Macrophage secretory products induce an inflammatory phenotype in hepatocytes. World Journal of Gastroenterology, 2012, 18, 1732.	3.3	32

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19	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
20	Exposed proteins of the Schistosoma japonicum tegument. International Journal for Parasitology, 2010, 40, 543-554.	3.1	130
21	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
22	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
23	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
24	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
25	Remarkable inter- and intra-species complexity of conotoxins revealed by LC/MS. Peptides, 2009, 30, 1222-1227.	2.4	152
26	Proteomic analysis of bovine conceptus fluids during early pregnancy. Proteomics, 2008, 8, 160-177.	2.2	25
27	Differential proteomic analysis of bovine conceptus fluid proteins in pregnancies generated by assisted reproductive technologies. Proteomics, 2008, 8, 2967-2982.	2.2	12
28	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
29	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
30	Cyclic tetrapeptides via the ring contraction strategy: chemical techniques useful for their identification. Organic and Biomolecular Chemistry, 2008, 6, 1386.	2.8	34
31	In Situ Neutralization in Boc-chemistry Solid Phase Peptide Synthesis. International Journal of Peptide Research and Therapeutics, 2007, 13, 31-44.	1.9	151
32	Identification of a Novel Class of Nicotinic Receptor Antagonists. Journal of Biological Chemistry, 2006, 281, 24745-24755.	3.4	70
33	Optimizing the connectivity in disulfide-rich peptides: Î±-conotoxin SII as a case study. Analytical Biochemistry, 2005, 338, 48-61.	2.4	18
34	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
35	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
36	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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37	Dehydration Converts DsbG Crystal Diffraction from Low to High Resolution. Structure, 2003, 11, 139-145.	3.3	77
38	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
39	Isolation and characterisation of Indian Ocean ciguatoxin. Toxicon, 2002, 40, 685-693.	1.6	121
40	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
41	Multiple ciguatoxins present in Indian Ocean reef fish. Toxicon, 2002, 40, 1347-1353.	1.6	97
42	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
43	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
44	Conotoxin TVIIA, a novel peptide from the venom of Conus tulipa. FEBS Journal, 2000, 267, 4642-4648.	0.2	11
45	Novel Ï‰-Conotoxins from Conus catus Discriminate among Neuronal Calcium Channel Subtypes. Journal of Biological Chemistry, 2000, 275, 35335-35344.	3.4	199
46	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
47	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
48	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
49	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
50	Isolation and Characterization of Conopeptides by High-performance Liquid Chromatography Combined with Mass Spectrometry and Tandem Mass Spectrometry. , 1996, 10, 138-143.		37
51	Cooliatoxin, the first toxin fromCoolia monotis (dinophyceae). Natural Toxins, 1995, 3, 355-362.	1.0	84
52	Lonspray mass spectrometry of ciguatoxin-1, maitotoxin-2 and -3, and related marine polyether toxins. Natural Toxins, 1994, 2, 56-63.	1.0	63
53	Binding of Copper(II) to the Cyclic Octapeptide Patellamide D. Inorganic Chemistry, 1994, 33, 2280-2289.	4.0	62
54	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

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55	Quantitative analysis of two pyridinium metabolites of haloperidol in patients with schizophrenia. Clinical Pharmacology and Therapeutics, 1994, 56, 512-520.	4.7	53
56	Analytical methods for differentiating minor sequence variations in related peptides. Journal of Chromatography A, 1993, 646, 175-184.	3.7	9
57	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
58	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
59	In situ neutralization in Bocâ€chemistry solid phase peptide synthesis. International Journal of Peptide and Protein Research, 1992, 40, 180-193.	0.1	889
60	Biochemical Modulation of Venom by Spiders is Achieved Via Compartmentalized Toxin Production and Storage. SSRN Electronic Journal, 0, , .	0.4	1