Andrew G Jamieson

List of Publications by Year
in descending order

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42 papers	1,258 citations	361296 20 h-index	377752 34 g-index
48 all docs	48 docs citations	48 times ranked	2088 citing authors

#	Article	IF	Citations
1	Insights into the activation mechanism of class I HDAC complexes by inositol phosphates. Nature Communications, 2016, 7, 11262.	5.8	172
2	Positional Scanning for Peptide Secondary Structure by Systematic Solid-Phase Synthesis of Amino Lactam Peptides. Journal of the American Chemical Society, 2009, 131, 7917-7927.	6.6	77
3	Mechanism of Crosstalk between the LSD1 Demethylase and HDAC1 Deacetylase in the CoREST Complex. Cell Reports, 2020, 30, 2699-2711.e8.	2.9	74
4	Peptide Scanning for Studying Structureâ€Activity Relationships in Drug Discovery. Chemical Biology and Drug Design, 2013, 81, 148-165.	1.5	73
5	Ether-Directed, Stereoselective Aza-Claisen Rearrangements:â€‰ Synthesis of the Piperidine Alkaloid, Î±-Conhydrine. Organic Letters, 2007, 9, 1609-1611.	2.4	55
6	A heme-binding domain controls regulation of ATP-dependent potassium channels. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3785-3790.	3.3	53
7	Validation of the protein kinase Pf CLK3 as a multistage cross-species malarial drug target. Science, 2019, 365, .	6.0	51
8	Stereoselective Î²-hydroxy-Î±-amino acid synthesis via an ether-directed, palladium-catalysed aza-Claisen rearrangement. Organic and Biomolecular Chemistry, 2005, 3, 3749.	1.5	46
9	Insights into the Recruitment of Class IIa Histone Deacetylases (HDACs) to the SMRT/NCoR Transcriptional Repression Complex. Journal of Biological Chemistry, 2015, 290, 18237-18244.	1.6	44
10	Friends or Foes? Emerging Impacts of Biological Toxins. Trends in Biochemical Sciences, 2019, 44, 365-379.	3.7	43
11	Scope and limitations of ether-directed, metal-catalysed aza-Claisen rearrangements; improved stereoselectivity using non-coordinating solvents. Organic and Biomolecular Chemistry, 2006, 4, 2932.	1.5	36
12	A highly stereoselective ether directed palladium catalysed aza-Claisen rearrangement. Organic and Biomolecular Chemistry, 2005, 3, 735.	1.5	34
13	A 1,3-phenyl-linked hydantoin oligomer scaffold as a Î²-strand mimetic. Chemical Communications, 2012, 48, 3709.	2.2	33
14	Stapled <scp>ACE2</scp> peptidomimetics designed to target the <scp>SARSâ€CoV</scp>â€2 spike protein do not prevent virus internalization. Peptide Science, 2021, 113, e24217.	1.0	33
15	Structureâ€“Activity Analysis of the Growth Hormone Secretagogue GHRPâ€6 by Î±â€•and Î²â€Amino Î³â€Lactam Positional Scanning. Chemical Biology and Drug Design, 2010, 75, 40-50.	1.5	28
16	Ether-directed palladium(II)-catalysed aza-Claisen rearrangements: studies on the origin of the directing effect. Tetrahedron, 2007, 63, 2123-2131.	1.0	27
17	Palladium(II)-Catalysed Rearrangement Reactions. Current Organic Chemistry, 2006, 10, 1007-1020.	0.9	26
18	A short peptide that preferentially binds c-MYC G-quadruplex DNA. Chemical Communications, 2020, 56, 8940-8943.	2.2	24

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19	Solid-Phase Synthesis of Oxetane Modified Peptides. Organic Letters, 2017, 19, 3303-3306.	2.4	23
20	The first enantioselective synthesis of the amino acid, (2S,3S,4R)-Î³-hydroxyisoleucine using a palladium(ii) catalysed 3,3-sigmatropic rearrangement. Organic and Biomolecular Chemistry, 2004, 2, 808-809.	1.5	22
21	Robust asymmetric synthesis of unnatural alkenyl amino acids for conformationally constrained Î±-helix peptides. Organic and Biomolecular Chemistry, 2014, 12, 8775-8782.	1.5	21
22	A TPX2 Proteomimetic Has Enhanced Affinity for Aurora-A Due to Hydrocarbon Stapling of a Helix. ACS Chemical Biology, 2016, 11, 3383-3390.	1.6	20
23	Structural basis for DNA damage-induced phosphoregulation of MDM2 RING domain. Nature Communications, 2020, 11, 2094.	5.8	20
24	Synthesis and Fluorescent Properties of Î²-Pyridyl Î±-Amino Acids. Journal of Organic Chemistry, 2019, 84, 2879-2890.	1.7	19
25	Î±-Amino-Î²-hydroxy-Î³-lactam for Constraining Peptide Ser and Thr Residue Conformation. Organic Letters, 2010, 12, 1652-1655.	2.4	18
26	Î±-Conotoxin GI triazole-peptidomimetics: potent and stable blockers of a human acetylcholine receptor. Chemical Science, 2019, 10, 1671-1676.	3.7	18
27	Development of Potent PfCLK3 Inhibitors Based on TCMDC-135051 as a New Class of Antimalarials. Journal of Medicinal Chemistry, 2020, 63, 9300-9315.	2.9	18
28	Conformationally rigid pyrazoloquinazoline Î±-amino acids: one- and two-photon induced fluorescence. Chemical Communications, 2020, 56, 1887-1890.	2.2	18
29	The Ansamycin Antibiotic, Rifamycin SV, Inhibits BCL6 Transcriptional Repression and Forms a Complex with the BCL6-BTB/POZ Domain. PLoS ONE, 2014, 9, e90889.	1.1	17
30	Lipopeptidomimetics derived from teixobactin have potent antibacterial activity against Staphylococcus aureus. Chemical Communications, 2018, 54, 2767-2770.	2.2	17
31	Hydrogen-Bonded Synthetic Mimics of Protein Secondary Structure as Disruptors of Protein-Protein Interactions. Current Topics in Microbiology and Immunology, 2010, 348, 1-23.	0.7	15
32	Urotensin-II peptidomimetic incorporating a non-reducible 1,5-triazole disulfide bond reveals a pseudo-irreversible covalent binding mechanism to the urotensin G-protein coupled receptor. Organic and Biomolecular Chemistry, 2017, 15, 4704-4710.	1.5	15
33	Enzymatically-stable oxetane-based dipeptide hydrogels. Chemical Communications, 2018, 54, 1793-1796.	2.2	15
34	Regulation of protein–protein interactions using stapled peptides. Reports in Organic Chemistry, 0, , 65.	1.0	14
35	Synthesis of HDAC Substrate Peptidomimetic Inhibitors Using Fmoc Amino Acids Incorporating Zinc-Binding Groups. Organic Letters, 2019, 21, 3178-3182.	2.4	11
36	Insertion of multiple Î±â€•amino Î³â€•lactam (Agl) residues into a peptide sequence by solidâ€phase synthesis on synphase lanterns. Biopolymers, 2010, 94, 183-191.	1.2	10

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37	A novel dihydro-pyrazolo(3,4d)(1,2,4)triazolo(1,5a)pyrimidin-4-one (AJ23) is an antagonist at adenosine A1 receptors and enhances consolidation of step-down avoidance. Behavioural Brain Research, 2012, 234, 184-191.	1.2	8
38	Stabilization of the RAS:PDE6D Complex Is a Novel Strategy to Inhibit RAS Signaling. Journal of Medicinal Chemistry, 2022, 65, 1898-1914.	2.9	7
39	Peptides derived from the SARS-CoV-2 receptor binding motif bind to ACE2 but do not block ACE2-mediated host cell entry or pro-inflammatory cytokine induction. PLoS ONE, 2021, 16, e0260283.	1.1	1
40	A Highly Stereoselective Ether Directed Palladium Catalyzed Aza-Claisen Rearrangement.. ChemInform, 2005, 36, no.	0.1	0
41	Î¼â€Conotoxin KIIIA peptidomimetics that block human voltageâ€gated sodium channels. Peptide Science, 2021, 113, e24203.	1.0	0
42	Emerging peptide science in the United Kingdom. Peptide Science, 2021, 113, e24216.	1.0	0