

Aubry K Miller

List of Publications by Citations

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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.

36
papers

960
citations

19
h-index

30
g-index

61
ext. papers

1,116
ext. citations

7.9
avg, IF

4.08
L-index

#	Paper	IF	Citations
36	Regulation of mitochondrial morphology and function by stearylolation of TFR1. <i>Nature</i> , 2015 , 525, 124-8	30.4	119
35	Total synthesis of (-)-heptemerone B and (-)-guanacastepene E. <i>Journal of the American Chemical Society</i> , 2006 , 128, 17057-62	16.4	105
34	Synthesis of arylpiperazines via palladium-catalyzed aromatic amination reaction with unprotected piperazines. <i>Tetrahedron Letters</i> , 1996 , 37, 4463-4466	2	85
33	Mining the tetraene manifold: total synthesis of complex pyrones from <i>Placobranchus ocellatus</i> . <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 4602-6	16.4	67
32	An electrochemical approach to the guanacastepenes. <i>Organic Letters</i> , 2005 , 7, 3425-8	6.2	58
31	D-2-Hydroxyglutarate producing neo-enzymatic activity inversely correlates with frequency of the type of isocitrate dehydrogenase 1 mutations found in glioma. <i>Acta Neuropathologica Communications</i> , 2014 , 2, 19	7.3	57
30	Biomimetic synthesis of elysiapyrones A and B. <i>Organic Letters</i> , 2005 , 7, 2901-3	6.2	44
29	Development of novel Lewis acid catalyzed cycloisomerizations: synthesis of bicyclo[3.1.0]hexenes and cyclopentenones. <i>Tetrahedron</i> , 2003 , 59, 8919-8930	2.4	40
28	Total synthesis of (+/-)-photodeoxytridachione through a Lewis acid catalyzed cyclization. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 549-52	16.4	36
27	Selective Inhibition of Histone Deacetylase 10: Hydrogen Bonding to the Gatekeeper Residue is Implicated. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 4426-4443	8.3	29
26	Practical synthesis of a phthalimide-based Cereblon ligand to enable PROTAC development. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 5260-5262	2.9	29
25	The total synthesis of (-)-crispatene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 12019-23	11.5	27
24	Dual role of HDAC10 in lysosomal exocytosis and DNA repair promotes neuroblastoma chemoresistance. <i>Scientific Reports</i> , 2018 , 8, 10039	4.9	26
23	Stereoselective synthesis of cyercene A and the placidenes. <i>Organic Letters</i> , 2005 , 7, 819-21	6.2	24
22	Spiroepoxytriazoles Are Fumagillin-like Irreversible Inhibitors of MetAP2 with Potent Cellular Activity. <i>ACS Chemical Biology</i> , 2016 , 11, 1001-11	4.9	22
21	Rapid detection of 2-hydroxyglutarate in frozen sections of IDH mutant tumors by MALDI-TOF mass spectrometry. <i>Acta Neuropathologica Communications</i> , 2018 , 6, 21	7.3	21
20	The HDAC6/8/10 inhibitor TH34 induces DNA damage-mediated cell death in human high-grade neuroblastoma cell lines. <i>Archives of Toxicology</i> , 2018 , 92, 2649-2664	5.8	21

19	Photosensitized conversion of 9,10-deoxytridachione to photodeoxytridachione. <i>Organic Letters</i> , 2005 , 7, 4959-62	6.2	20
18	Mining the Tetraene Manifold: Total Synthesis of Complex Pyrones from <i>Placobranchus ocellatus</i> . <i>Angewandte Chemie</i> , 2005 , 117, 4678-4682	3.6	19
17	Depsipeptides Featuring a Neutral P1 Are Potent Inhibitors of Kallikrein-Related Peptidase 6 with On-Target Cellular Activity. <i>Journal of Medicinal Chemistry</i> , 2018 , 61, 8859-8874	8.3	17
16	Design and Synthesis of Dihydroxamic Acids as HDAC6/8/10 Inhibitors. <i>ChemMedChem</i> , 2020 , 15, 1163-1174	3.74	13
15	Novel 2, 5-diketopiperazine derivatives as potent selective histone deacetylase 6 inhibitors: Rational design, synthesis and antiproliferative activity. <i>European Journal of Medicinal Chemistry</i> , 2020 , 187, 111950	6.8	13
14	Sequencing the sixth base (5-hydroxymethylcytosine): selective DNA oxidation enables base-pair resolution. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 10704-7	16.4	11
13	Synthesis and Structure-Activity Relationships of N-(4-Benzamidino)-Oxazolidinones: Potent and Selective Inhibitors of Kallikrein-Related Peptidase 6. <i>ChemMedChem</i> , 2020 , 15, 79-95	3.7	11
12	A potent, proteolysis-resistant inhibitor of kallikrein-related peptidase 6 (KLK6) for cancer therapy, developed by combinatorial engineering. <i>Journal of Biological Chemistry</i> , 2018 , 293, 12663-12680	5.4	11
11	Structural Basis for the Selective Inhibition of HDAC10, the Cytosolic Polyamine Deacetylase. <i>ACS Chemical Biology</i> , 2020 , 15, 2154-2163	4.9	8
10	Catalysis in the total synthesis of bryostatin 16. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 3221-3	16.4	4
9	Potentially Mistaking Enantiomers for Different Compounds Due to the Self-Induced Diastereomeric Anisochronism (SIDA) Phenomenon. <i>Symmetry</i> , 2020 , 12, 1106	2.7	4
8	Total Synthesis of (±)-Photodeoxytridachione through a Lewis Acid Catalyzed Cyclization. <i>Angewandte Chemie</i> , 2003 , 115, 567-570	3.6	3
7	Stearic acid blunts growth-factor signaling via oleoylation of GNAI proteins. <i>Nature Communications</i> , 2021 , 12, 4590	17.4	3
6	Inclusion Complexes of Gold(I)-Dithiocarbamates with β -Cyclodextrin: A Journey from Drug Repurposing towards Drug Discovery. <i>Chemistry - A European Journal</i> , 2021 , 27, 12156-12165	4.8	3
5	Mapping the Chemistry of Highly Unsaturated Pyrone Polyketides. <i>Synlett</i> , 2006 , 2006, 2295-2316	2.2	2
4	The C6 configuration and syn/anti conformational preference of the bisulfite adducts of deoxyuridine and deoxycytidine by NMR and DFT calculations. <i>Tetrahedron: Asymmetry</i> , 2014 , 25, 1355-1359		1
3	Die Sequenzierung der sechsten Base (5-Hydroxymethylcytosin): basenaufgelöste Bestimmung durch selektive DNA-Oxidation. <i>Angewandte Chemie</i> , 2012 , 124, 10862-10865	3.6	1
2	Katalyse in der Totalsynthese von Bryostatin 16. <i>Angewandte Chemie</i> , 2009 , 121, 3268-3271	3.6	1

1 Can an Intermediate Rate of Nitrogen Inversion Affect Drug Efficacy?. *Symmetry*, **2021**, 13, 1753

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