John A Flygare

List of Publications by Year
in descending order

31 papers	4,332 citations	257450 24 h-index	454955 30 g-index
31 all docs	31 docs citations	31 times ranked	5917 citing authors

#	Article	IF	Citations
1	IAP Antagonists Induce Autoubiquitination of c-IAPs, NF-Î³B Activation, and TNFÎ±-Dependent Apoptosis. Cell, 2007, 131, 669-681.	28.9	1,124
2	Novel antibodyâ€“antibiotic conjugate eliminates intracellular S. aureus. Nature, 2015, 527, 323-328.	27.8	663
3	Structure-guided design of a selective BCL-XL inhibitor. Nature Chemical Biology, 2013, 9, 390-397.	8.0	324
4	Discovery of a Potent and Selective BCL-X_L Inhibitor with in Vivo Activity. ACS Medicinal Chemistry Letters, 2014, 5, 1088-1093.	2.8	242
5	Discovery of a Potent Small-Molecule Antagonist of Inhibitor of Apoptosis (IAP) Proteins and Clinical Candidate for the Treatment of Cancer (GDC-0152). Journal of Medicinal Chemistry, 2012, 55, 4101-4113.	6.4	217
6	Antibodyâ€Drug Conjugates for the Treatment of Cancer. Chemical Biology and Drug Design, 2013, 81, 113-121.	3.2	193
7	Design, Synthesis, and Biological Activity of a Potent Smac Mimetic That Sensitizes Cancer Cells to Apoptosis by Antagonizing IAPs. ACS Chemical Biology, 2006, 1, 525-533.	3.4	171
8	Solid-Phase Synthesis of 2-Aminothiazoles. Journal of Organic Chemistry, 1998, 63, 196-200.	3.2	149
9	A novel ruthenium-catalyzed tandem cyclization-reconstitutive addition of propargyl alcohols with allyl alcohols. Journal of the American Chemical Society, 1992, 114, 5476-5477.	13.7	140
10	Activityâ€based probes for the ubiquitin conjugationâ€“deconjugation machinery: new chemistries, new tools, and new insights. FEBS Journal, 2017, 284, 1555-1576.	4.7	109
11	Targeted drug delivery through the traceless release of tertiary and heteroaryl amines from antibodyâ€“drug conjugates. Nature Chemistry, 2016, 8, 1112-1119.	13.6	106
12	Structure and Function Analysis of Peptide Antagonists of Melanoma Inhibitor of Apoptosis (ML-IAP). Biochemistry, 2003, 42, 8223-8231.	2.5	92
13	Antagonism of c-IAP and XIAP Proteins Is Required for Efficient Induction of Cell Death by Small-Molecule IAP Antagonists. ACS Chemical Biology, 2009, 4, 557-566.	3.4	91
14	Decoupling stability and release in disulfide bonds with antibody-small molecule conjugates. Chemical Science, 2017, 8, 366-370.	7.4	88
15	Site-Specific Trastuzumab Maytansinoid Antibodyâ€“Drug Conjugates with Improved Therapeutic Activity through Linker and Antibody Engineering. Journal of Medicinal Chemistry, 2014, 57, 7890-7899.	6.4	86
16	Small-molecule pan-IAP antagonists: a patent review. Expert Opinion on Therapeutic Patents, 2010, 20, 251-267.	5.0	80
17	Discovery of A-1331852, a First-in-Class, Potent, and Orally-Bioavailable BCL-X_L Inhibitor. ACS Medicinal Chemistry Letters, 2020, 11, 1829-1836.	2.8	74
18	A synthesis of the spiroketal subunit of (â^')-calyculin A. Tetrahedron Letters, 1994, 35, 4059-4062.	1.4	53

#	Article	IF	Citations
19	Solid-phase synthesis of disubstituted guanidines. Tetrahedron Letters, 1998, 39, 2663-2666.	1.4	48
20	Orally Bioavailable Antagonists of Inhibitor of Apoptosis Proteins Based on an Azabicyclooctane Scaffold. Journal of Medicinal Chemistry, 2009, 52, 1723-1730.	6.4	43
21	Learning and Confirming with Preclinical Studies: Modeling and Simulation in the Discovery of GDC-0917, an Inhibitor of Apoptosis Proteins Antagonist. Drug Metabolism and Disposition, 2013, 41, 2104-2113.	3.3	43
22	Structure-Guided Rescaffolding of Selective Antagonists of BCL-X_L. ACS Medicinal Chemistry Letters, 2014, 5, 662-667.	2.8	37
23	Pyrrolobenzodiazepine Dimer Antibodyâ€“Drug Conjugates: Synthesis and Evaluation of Noncleavable Drug-Linkers. Journal of Medicinal Chemistry, 2017, 60, 9490-9507.	6.4	30
24	Toxicity Profile of Small-Molecule IAP Antagonist GDC-0152 Is Linked to TNF-Î± Pharmacology. Toxicological Sciences, 2013, 131, 247-258.	3.1	29
25	Activityâ€based probes for the multicatalytic proteasome. FEBS Journal, 2017, 284, 1540-1554.	4.7	25
26	Solid-Phase Synthesis of 2-Aminoimidazolones. Organic Letters, 1999, 1, 1351-1353.	4.6	23
27	Antagonists of inhibitor of apoptosis proteins based on thiazole amide isosteres. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 2229-2233.	2.2	18
28	Dogs Are More Sensitive to Antagonists of Inhibitor of Apoptosis Proteins Than Rats and Humans: A Translational Toxicokinetic/Toxicodynamic Analysis. Toxicological Sciences, 2012, 130, 205-213.	3.1	14
29	Cyclodextrin Reduces Intravenous Toxicity of a Model Compound. Journal of Pharmaceutical Sciences, 2019, 108, 1934-1943.	3.3	12
30	Development of novel drugs targeting inhibitors of apoptosis. Future Oncology, 2009, 5, 141-144.	2.4	7
31	Combinatorial Chemistry in Steroid Receptor Drug Discovery. , 2001, 176, 353-358.		1