Assocâ€prof Joshua A Kritzer

List of Publications by Year
in descending order

54 papers	2,495 citations	279798 23 h-index	197818 49 g-index
60 all docs	60 docs citations	60 times ranked	3019 citing authors

#	Article	IF	Citations
1	Quantitative Measurement of Cytosolic and Nuclear Penetration of Oligonucleotide Therapeutics. ACS Chemical Biology, 2022, 17, 348-360.	3.4	16
2	Directed evolution of cyclic peptides for inhibition of autophagy. Chemical Science, 2021, 12, 3526-3543.	7.4	26
3	HaloTag Forms an Intramolecular Disulfide. Bioconjugate Chemistry, 2021, 32, 964-970.	3.6	11
4	Parallel Screening Using the Chloroalkane Penetration Assay Reveals Structure-Penetration Relationships. ACS Chemical Biology, 2021, 16, 1184-1190.	3.4	8
5	Stapled Î²-Hairpins Featuring 4-Mercaptoproline. Journal of the American Chemical Society, 2021, 143, 15039-15044.	13.7	11
6	Phosphotyrosine isosteres: past, present and future. Organic and Biomolecular Chemistry, 2020, 18, 583-605.	2.8	18
7	A cell-penetrant lactam-stapled peptide for targeting eIF4E protein-protein interactions. European Journal of Medicinal Chemistry, 2020, 205, 112655.	5.5	9
8	Quantitative measurement of cytosolic penetration using the chloroalkane penetration assay. Methods in Enzymology, 2020, 641, 277-309.	1.0	27
9	Cytosolic delivery of peptidic STAT3 SH2 domain inhibitors. Bioorganic and Medicinal Chemistry, 2020, 28, 115542.	3.0	16
10	Stapled Peptide Inhibitors of Autophagy Adapter LC3B. ChemBioChem, 2020, 21, 2777-2785.	2.6	14
11	A critical analysis of methods used to investigate the cellular uptake and subcellular localization of RNA therapeutics. Nucleic Acids Research, 2020, 48, 7623-7639.	14.5	40
12	Cellular Uptake and Cytosolic Delivery of a Cyclic Cystine Knot Scaffold. ACS Chemical Biology, 2020, 15, 1650-1661.	3.4	14
13	Small-Molecule Inhibitors of Haemophilus influenzae IgA1 Protease. ACS Infectious Diseases, 2019, 5, 1129-1138.	3.8	10
14	Trapped! A Critical Evaluation of Methods for Measuring Total Cellular Uptake versus Cytosolic Localization. Bioconjugate Chemistry, 2019, 30, 1006-1027.	3.6	53
15	Stringing Together a Universal Influenza Antibody. Biochemistry, 2019, 58, 1943-1944.	2.5	2
16	Î²-Branched Amino Acids Stabilize Specific Conformations of Cyclic Hexapeptides. Biophysical Journal, 2019, 116, 433-444.	0.5	11
17	Designing Well-Structured Cyclic Pentapeptides Based on Sequenceâ€“Structure Relationships. Journal of Physical Chemistry B, 2018, 122, 3908-3919.	2.6	20
18	Yeast can accommodate phosphotyrosine: v-Src toxicity in yeast arises from a single disrupted pathway. FEMS Yeast Research, 2018, 18, .	2.3	10

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19	Thioether-stapled macrocyclic inhibitors of the EH domain of EHD1. Bioorganic and Medicinal Chemistry, 2018, 26, 1206-1211.	3.0	4
20	Neue Methoden und Designprinzipien fÃ¼r zellgÃngige Peptide. Angewandte Chemie, 2018, 130, 12042-12057.	2.0	18
21	Emerging Methods and Design Principles for Cellâ€Penetrant Peptides. Angewandte Chemie - International Edition, 2018, 57, 11868-11881.	13.8	116
22	Cell Penetration Profiling Using the Chloroalkane Penetration Assay. Journal of the American Chemical Society, 2018, 140, 11360-11369.	13.7	125
23	A Reverse Science Fair that Connects High School Students with University Researchers. Journal of Chemical Education, 2017, 94, 171-176.	2.3	14
24	Identifying Loop-Mediated Proteinâ€“Protein Interactions Using LoopFinder. Methods in Molecular Biology, 2017, 1561, 255-277.	0.9	7
25	Diversity-Oriented Stapling Yields Intrinsically Cell-Penetrant Inducers of Autophagy. Journal of the American Chemical Society, 2017, 139, 7792-7802.	13.7	121
26	Designing convergent chemistry curricula. Nature Chemical Biology, 2016, 12, 382-386.	8.0	6
27	Analysis of Loops that Mediate Proteinâ€“Protein Interactions and Translation into Submicromolar Inhibitors. Journal of the American Chemical Society, 2016, 138, 12876-12884.	13.7	54
28	Conformational Restriction of Peptides Using Dithiol Bis-Alkylation. Methods in Enzymology, 2016, 580, 303-332.	1.0	35
29	How to be quick on the uptake. Nature Chemical Biology, 2016, 12, 764-765.	8.0	6
30	A bicyclic peptide scaffold promotes phosphotyrosine mimicry and cellular uptake. Bioorganic and Medicinal Chemistry, 2014, 22, 6387-6391.	3.0	30
31	Comprehensive analysis of loops at protein-protein interfaces for macrocycle design. Nature Chemical Biology, 2014, 10, 716-722.	8.0	160
32	Metal-binding and redox properties of substituted linear and cyclic ATCUN motifs. Journal of Inorganic Biochemistry, 2014, 139, 65-76.	3.5	38
33	Structured Cyclic Peptides That Bind the EH Domain of EHD1. Biochemistry, 2014, 53, 4758-4760.	2.5	14
34	Potential C-terminal-domain inhibitors of heat shock protein 90 derived from a C-terminal peptide helix. Bioorganic and Medicinal Chemistry, 2014, 22, 3989-3993.	3.0	14
35	Solution structure of a designed cyclic peptide ligand for nickel and copper ions. Tetrahedron, 2014, 70, 7651-7654.	1.9	5
36	Getting in Shape: Controlling Peptide Bioactivity and Bioavailability Using Conformational Constraints. ACS Chemical Biology, 2013, 8, 488-499.	3.4	187

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37	Macrocyclization of the ATCUN Motif Controls Metal Binding and Catalysis. Inorganic Chemistry, 2013, 52, 2729-2735.	4.0	33
38	Versatile Substrates and Probes for IgA1 Protease Activity. ChemBioChem, 2013, 14, 2007-2012.	2.6	6
39	Design and Characterization of an EHD1 Inhibitor. FASEB Journal, 2013, 27, 1015.8.	0.5	0
40	The Secret of MIM: A Novel, MCL-1-Specific Small Molecule. Chemistry and Biology, 2012, 19, 1082-1083.	6.0	9
41	Peptide Bicycles that Inhibit the Grb2 SH2 Domain. ChemBioChem, 2012, 13, 1490-1496.	2.6	34
42	Inside Cover: Peptide Bicycles that Inhibit the Grb2 SH2 Domain (ChemBioChem 10/2012). ChemBioChem, 2012, 13, 1378-1378.	2.6	0
43	Compounds from an unbiased chemical screen reverse both ER-to-Golgi trafficking defects and mitochondrial dysfunction in Parkinsonâ€™s disease models. DMM Disease Models and Mechanisms, 2010, 3, 194-208.	2.4	159
44	Magic bullets in nature's arsenal. Nature Chemical Biology, 2010, 6, 566-567.	8.0	36
45	Grand Challenge Commentary: Beyond discovery: probes that see, grab and poke. Nature Chemical Biology, 2010, 6, 868-870.	8.0	8
46	Rapid selection of cyclic peptides that reduce Î±-synuclein toxicity in yeast and animal models. Nature Chemical Biology, 2009, 5, 655-663.	8.0	130
47	When Undergraduates Ask â€œWhy,â€•Chemical Biology Answers. ACS Chemical Biology, 2006, 1, 411-413.	3.4	2
48	Encodable Activators of Src Family Kinases. Journal of the American Chemical Society, 2006, 128, 16506-16507.	13.7	19
49	Miniature Protein Inhibitors of the p53-hDM2 Interaction. ChemBioChem, 2006, 7, 29-31.	2.6	81
50	Î²-Peptides as inhibitors of proteinâ€“protein interactions. Bioorganic and Medicinal Chemistry, 2005, 13, 11-16.	3.0	168
51	Solution Structure of a Î²-Peptide Ligand for hDM2. Journal of the American Chemical Society, 2005, 127, 4118-4119.	13.7	75
52	Relationship between Side Chain Structure and 14-Helix Stability of Î²3-Peptides in Water. Journal of the American Chemical Society, 2005, 127, 167-178.	13.7	94
53	A Rapid Library Screen for Tailoring Î²-Peptide Structure and Function. Journal of the American Chemical Society, 2005, 127, 14584-14585.	13.7	70
54	Helical Î²-Peptide Inhibitors of the p53-hDM2 Interaction. Journal of the American Chemical Society, 2004, 126, 9468-9469.	13.7	298