Jeanne A Stuckey

List of Publications by Year
in descending order

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50 papers	2,851 citations	230014 27 h-index	223390 49 g-index
50 all docs	50 docs citations	50 times ranked	5332 citing authors

#	Article	IF	Citations
1	Computational Cosolvent Mapping Analysis Leads to Identify Salicylic Acid Analogs as Weak Inhibitors of ST2 and IL33 Binding. Journal of Physical Chemistry B, 2022, 126, 2394-2406.	1.2	0
2	Lipid-based vaccine nanoparticles for induction of humoral immune responses against HIV-1 and SARS-CoV-2. Journal of Controlled Release, 2021, 330, 529-539.	4.8	31
3	Targeted disruption of piâ€“pi stacking in Malaysian banana lectin reduces mitogenicity while preserving antiviral activity. Scientific Reports, 2021, 11, 656.	1.6	16
4	SD-91 as A Potent and Selective STAT3 Degrader Capable of Achieving Complete and Long-Lasting Tumor Regression. ACS Medicinal Chemistry Letters, 2021, 12, 996-1004.	1.3	21
5	Selective inhibition of cullin 3 neddylation through covalent targeting DCN1 protects mice from acetaminophen-induced liver toxicity. Nature Communications, 2021, 12, 2621.	5.8	15
6	Discovery of M-1121 as an Orally Active Covalent Inhibitor of Menin-MLL Interaction Capable of Achieving Complete and Long-Lasting Tumor Regression. Journal of Medicinal Chemistry, 2021, 64, 10333-10349.	2.9	13
7	Open Reading Frame 1 Protein of the Human Long Interspersed Nuclear Element 1 Retrotransposon Binds Multiple Equivalents of Lead. Journal of the American Chemical Society, 2021, 143, 15271-15278.	6.6	3
8	Discovery of CJ-2360 as a Potent and Orally Active Inhibitor of Anaplastic Lymphoma Kinase Capable of Achieving Complete Tumor Regression. Journal of Medicinal Chemistry, 2020, 63, 13994-14016.	2.9	11
9	Discovery of Potent Small-Molecule Inhibitors of MLL Methyltransferase. ACS Medicinal Chemistry Letters, 2020, 11, 1348-1352.	1.3	9
10	Heteromeric three-stranded coiled coils designed using a Pb(ii)(Cys)3 template mediated strategy. Nature Chemistry, 2020, 12, 405-411.	6.6	32
11	A Potent and Selective Small-Molecule Degrader of STAT3 Achieves Complete Tumor Regression InÂVivo. Cancer Cell, 2019, 36, 498-511.e17.	7.7	364
12	Structure of the zinc-finger antiviral protein in complex with RNA reveals a mechanism for selective targeting of CG-rich viral sequences. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24303-24309.	3.3	106
13	How Outer Coordination Sphere Modifications Can Impact Metal Structures in Proteins: A Crystallographic Evaluation. Chemistry - A European Journal, 2019, 25, 6773-6787.	1.7	11
14	Structure-Based Design of N-(5-Phenylthiazol-2-yl)acrylamides as Novel and Potent Glutathione S-Transferase Omega 1 Inhibitors. Journal of Medicinal Chemistry, 2019, 62, 3068-3087.	2.9	16
15	Crucial Role of the SH2B1 PH Domain for the Control of Energy Balance. Diabetes, 2019, 68, 2049-2062.	0.3	16
16	Changing the Apoptosis Pathway through Evolutionary Protein Design. Journal of Molecular Biology, 2019, 431, 825-841.	2.0	16
17	Probing the interaction between the histone methyltransferase/deacetylase subunit RBBP4/7 and the transcription factor BCL11A in epigenetic complexes. Journal of Biological Chemistry, 2018, 293, 2125-2136.	1.6	47
18	Design of the Firstâ€inâ€Class, Highly Potent Irreversible Inhibitor Targeting the Meninâ€MLL Proteinâ€“Protein Interaction. Angewandte Chemie - International Edition, 2018, 57, 1601-1605.	7.2	49

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19	Design, Synthesis, and Biological Evaluation of 4-Quinoline Carboxylic Acids as Inhibitors of Dihydroorotate Dehydrogenase. Journal of Medicinal Chemistry, 2018, 61, 5162-5186.	2.9	45
20	Structure of cytochrome P450 2B4 with an acetate ligand and an active site hydrogen bond network similar to oxyferrous P450cam. Journal of Inorganic Biochemistry, 2018, 185, 17-25.	1.5	1
21	Discovery of Mcl-1 inhibitors from integrated high throughput and virtual screening. Scientific Reports, 2018, 8, 10210.	1.6	13
22	Differential Conformational Dynamics Encoded by the Linker between Quasi RNA Recognition Motifs of Heterogeneous Nuclear Ribonucleoprotein H. Journal of the American Chemical Society, 2018, 140, 11661-11673.	6.6	11
23	From proteomics to discovery of first-in-class ST2 inhibitors active in vivo. JCI Insight, 2018, 3, .	2.3	29
24	Targeted Degradation of BET Proteins in Triple-Negative Breast Cancer. Cancer Research, 2017, 77, 2476-2487.	0.4	173
25	Structure-Based Discovery of 4-(6-Methoxy-2-methyl-4-(quinolin-4-yl)-9H-pyrimido[4,5-b]indol-7-yl)-3,5-dimethylisoxazole (CD161) as a Potent and Orally Bioavailable BET Bromodomain Inhibitor. Journal of Medicinal Chemistry, 2017, 60, 3887-3901.	2.9	36
26	Discovery of a Highly Potent, Cell-Permeable Macrocyclic Peptidomimetic (MM-589) Targeting the WD Repeat Domain 5 Protein (WDR5)â€“Mixed Lineage Leukemia (MLL) Proteinâ€“Protein Interaction. Journal of Medicinal Chemistry, 2017, 60, 4818-4839.	2.9	72
27	d â€Cysteine Ligands Control Metal Geometries within De Novo Designed Threeâ€Stranded Coiled Coils. Chemistry - A European Journal, 2017, 23, 8232-8243.	1.7	11
28	A potent small-molecule inhibitor of the DCN1-UBC12 interaction that selectively blocks cullin 3 neddylation. Nature Communications, 2017, 8, 1150.	5.8	71
29	High-resolution crystal structures ofColocasia esculentatarin lectin. Glycobiology, 2017, 27, 50-56.	1.3	12
30	CSAR 2014: A Benchmark Exercise Using Unpublished Data from Pharma. Journal of Chemical Information and Modeling, 2016, 56, 1063-1077.	2.5	88
31	D3R grand challenge 2015: Evaluation of proteinâ€“ligand pose and affinity predictions. Journal of Computer-Aided Molecular Design, 2016, 30, 651-668.	1.3	178
32	A Crystallographic Examination of Predisposition versus Preorganization in de Novo Designed Metalloproteins. Journal of the American Chemical Society, 2016, 138, 11979-11988.	6.6	34
33	Molecular Mechanism for Isoform-Selective Inhibition of Acyl Protein Thioesterases 1 and 2 (APT1 and) Tj ETQq1 1 0.784314 rgBT /Ove	1.6	69
34	Mechanistic evaluation and transcriptional signature of a glutathione S-transferase omega 1 inhibitor. Nature Communications, 2016, 7, 13084.	5.8	53
35	KRAS Engages AGO2 to Enhance Cellular Transformation. Cell Reports, 2016, 14, 1448-1461.	2.9	41
36	CSAR Benchmark Exercise 2013: Evaluation of Results from a Combined Computational Protein Design, Docking, and Scoring/Ranking Challenge. Journal of Chemical Information and Modeling, 2016, 56, 1022-1031.	2.5	49

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37	Conformational Sampling and Binding Site Assessment of Suppression of Tumorigenicity 2 Ectodomain. PLoS ONE, 2016, 11, e0146522.	1.1	11
38	Structure-Based Design of Î³-Carboline Analogues as Potent and Specific BET Bromodomain Inhibitors. Journal of Medicinal Chemistry, 2015, 58, 4927-4939.	2.9	89
39	Engineering a Therapeutic Lectin by Uncoupling Mitogenicity from Antiviral Activity. Cell, 2015, 163, 746-758.	13.5	89
40	The First Crystal Structure of the UP1 Domain of hnRNP A1 Bound to RNA Reveals a New Look for an Old RNA Binding Protein. Journal of Molecular Biology, 2015, 427, 3241-3257.	2.0	35
41	Structural analysis and binding properties of isoforms of tarin, the GNA-related lectin from Colocasia esculenta. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 20-30.	1.1	32
42	Crystal Structure of Patatin-17 in Complex with Aged and Non-Aged Organophosphorus Compounds. PLoS ONE, 2014, 9, e108245.	1.1	19
43	Structural Basis for the Recognition of Peptide RJPXD33 by Acyltransferases in Lipid A Biosynthesis. Journal of Biological Chemistry, 2014, 289, 15527-15535.	1.6	25
44	SAR405838: An Optimized Inhibitor of MDM2â€“p53 Interaction That Induces Complete and Durable Tumor Regression. Cancer Research, 2014, 74, 5855-5865.	0.4	261
45	Structural and Functional Characterization of a Cytochrome P450 2B4 F429H Mutant with an Axial Thiolateâ€“Histidine Hydrogen Bond. Biochemistry, 2014, 53, 5080-5091.	1.2	14
46	A Potent and Highly Efficacious Bcl-2/Bcl-xL Inhibitor. Journal of Medicinal Chemistry, 2013, 56, 3048-3067.	2.9	40
47	Hydrolytic catalysis and structural stabilization in a designed metalloprotein. Nature Chemistry, 2012, 4, 118-123.	6.6	293
48	Structural Comparisons of Apo- and Metalated Three-Stranded Coiled Coils Clarify Metal Binding Determinants in Thiolate Containing Designed Peptides. Journal of the American Chemical Society, 2010, 132, 13240-13250.	6.6	57
49	Switching the Chirality of the Metal Environment Alters the Coordination Mode in Designed Peptides. Angewandte Chemie - International Edition, 2009, 48, 7371-7374.	7.2	41
50	Identifying important structural characteristics of arsenic resistance proteins by using designed three-stranded coiled coils. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 11969-11974.	3.3	85