Jeanne A Stuckey

List of Publications by Year in Descending Order

49 papers	1,990 citations	25 h-index	44 g-index
50 ext. papers	2,459 ext. citations	9.8 avg, IF	4.53 L-index

#	Paper	IF	Citations
49	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	4.3	3
48	Selective inhibition of cullin 3 neddylation through covalent targeting DCN1 protects mice from acetaminophen-induced liver toxicity. *Nature Communications*, **2021**, 12, 2621	17.4	1
47	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	8.3	3
46	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	11.7	16
45	Targeted disruption of pi-pi stacking in Malaysian banana lectin reduces mitogenicity while preserving antiviral activity. *Scientific Reports*, **2021**, 11, 656	4.9	3
44	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	16.4	1
43	Discovery of Potent Small-Molecule Inhibitors of MLL Methyltransferase. *ACS Medicinal Chemistry Letters*, **2020**, 11, 1348-1352	4.3	6
42	Heteromeric three-stranded coiled coils designed using a Pb(II)(Cys) template mediated strategy. *Nature Chemistry*, **2020**, 12, 405-411	17.6	25
41	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	8.3	7
40	How Outer Coordination Sphere Modifications Can Impact Metal Structures in Proteins: A Crystallographic Evaluation. *Chemistry - A European Journal*, **2019**, 25, 6773-6787	4.8	9
39	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	8.3	10
38	A Potent and Selective Small-Molecule Degrader of STAT3 Achieves Complete Tumor Regression In Vivo. *Cancer Cell*, **2019**, 36, 498-511.e17	24.3	181
37	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	11.5	66
36	Crucial Role of the SH2B1 PH Domain for the Control of Energy Balance. *Diabetes*, **2019**, 68, 2049-2062	0.9	6
35	Changing the Apoptosis Pathway through Evolutionary Protein Design. *Journal of Molecular Biology*, **2019**, 431, 825-841	6.5	12
34	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	5.4	31
33	Design of the First-in-Class, Highly Potent Irreversible Inhibitor Targeting the Menin-MLL Protein-Protein Interaction. *Angewandte Chemie - International Edition*, **2018**, 57, 1601-1605	16.4	37

32	Design, Synthesis, and Biological Evaluation of 4-Quinoline Carboxylic Acids as Inhibitors of Dihydroorotate Dehydrogenase. *Journal of Medicinal Chemistry*, **2018**, 61, 5162-5186	8.3	27
31	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	4.2	1
30	Discovery of Mcl-1 inhibitors from integrated high throughput and virtual screening. *Scientific Reports*, **2018**, 8, 10210	4.9	13
29	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	16.4	4
28	From proteomics to discovery of first-in-class ST2 inhibitors active in vivo. *JCI Insight*, **2018**, 3,	9.9	20
27	Targeted Degradation of BET Proteins in Triple-Negative Breast Cancer. *Cancer Research*, **2017**, 77, 2476-2487	12.6	115
26	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	8.3	23
25	Discovery of a Highly Potent, Cell-Permeable Macrocyclic Peptidomimetic (MM-589) Targeting the WD Repeat Domain 5 Protein (WDR5)-Mixed Lineage Leukemia (MLL) Protein-Protein Interaction. *Journal of Medicinal Chemistry*, **2017**, 60, 4818-4839	8.3	49
24	d-Cysteine Ligands Control Metal Geometries within De Novo Designed Three-Stranded Coiled Coils. *Chemistry - A European Journal*, **2017**, 23, 8232-8243	4.8	10
23	A potent small-molecule inhibitor of the DCN1-UBC12 interaction that selectively blocks cullin 3 neddylation. *Nature Communications*, **2017**, 8, 1150	17.4	48
22	High-resolution crystal structures of Colocasia esculenta tarin lectin. *Glycobiology*, **2017**, 27, 50-56	5.8	8
21	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, 1022-31	6.1	36
20	A Crystallographic Examination of Predisposition versus Preorganization in de Novo Designed Metalloproteins. *Journal of the American Chemical Society*, **2016**, 138, 11979-88	16.4	26
19	Molecular Mechanism for Isoform-Selective Inhibition of Acyl Protein Thioesterases 1 and 2 (APT1 and APT2). *ACS Chemical Biology*, **2016**, 11, 3374-3382	4.9	44
18	Mechanistic evaluation and transcriptional signature of a glutathione S-transferase omega 1 inhibitor. *Nature Communications*, **2016**, 7, 13084	17.4	32
17	KRAS Engages AGO2 to Enhance Cellular Transformation. *Cell Reports*, **2016**, 14, 1448-1461	10.6	27
16	Conformational Sampling and Binding Site Assessment of Suppression of Tumorigenicity 2 Ectodomain. *PLoS ONE*, **2016**, 11, e0146522	3.7	7
15	CSAR 2014: A Benchmark Exercise Using Unpublished Data from Pharma. *Journal of Chemical Information and Modeling*, **2016**, 56, 1063-77	6.1	72

14	D3R grand challenge 2015: Evaluation of protein-ligand pose and affinity predictions. *Journal of Computer-Aided Molecular Design*, **2016**, 30, 651-668	4.2	141
13	Structure-Based Design of β-Carboline Analogues as Potent and Specific BET Bromodomain Inhibitors. *Journal of Medicinal Chemistry*, **2015**, 58, 4927-39	8.3	66
12	Engineering a therapeutic lectin by uncoupling mitogenicity from antiviral activity. *Cell*, **2015**, 163, 746-58	36.2	62
11	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	6.5	25
10	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	4	23
9	SAR405838: an optimized inhibitor of MDM2-p53 interaction that induces complete and durable tumor regression. *Cancer Research*, **2014**, 74, 5855-65	10.1	205
8	Structural and functional characterization of a cytochrome P450 2B4 F429H mutant with an axial thiolate-histidine hydrogen bond. *Biochemistry*, **2014**, 53, 5080-91	3.2	12
7	Crystal structure of patatin-17 in complex with aged and non-aged organophosphorus compounds. *PLoS ONE*, **2014**, 9, e108245	3.7	10
6	Structural basis for the recognition of peptide RJPXD33 by acyltransferases in lipid A biosynthesis. *Journal of Biological Chemistry*, **2014**, 289, 15527-35	5.4	17
5	A potent and highly efficacious Bcl-2/Bcl-xL inhibitor. *Journal of Medicinal Chemistry*, **2013**, 56, 3048-3067	8.3	31
4	Hydrolytic catalysis and structural stabilization in a designed metalloprotein. *Nature Chemistry*, **2011**, 4, 118-23	17.6	252
3	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, 13240-50	16.4	52
2	Switching the chirality of the metal environment alters the coordination mode in designed peptides. *Angewandte Chemie - International Edition*, **2009**, 48, 7371-4	16.4	40
1	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, 11969-74	11.5	75