Frank J Schoenen

List of Publications by Year
in descending order

62	4,912	186265 28	123424 61
papers	citations	h-index	g-index

67	67	67	6235
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cloning of a disintegrin metalloproteinase that processes precursor tumour-necrosis factor-Î±. Nature, 1997, 385, 733-736.	27.8	1,636
2	Regulation of tumour necrosis factor-Î± processing by a metalloproteinase inhibitor. Nature, 1994, 370, 558-561.	27.8	583
3	Reversible inhibitor of p97, DBeQ, impairs both ubiquitin-dependent and autophagic protein clearance pathways. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4834-4839.	7.1	281
4	Combinatorial compound libraries for drug discovery: an ongoing challenge. Nature Reviews Drug Discovery, 2003, 2, 222-230.	46.4	203
5	A New Glucocerebrosidase Chaperone Reduces Â-Synuclein and Glycolipid Levels in iPSC-Derived Dopaminergic Neurons from Patients with Gaucher Disease and Parkinsonism. Journal of Neuroscience, 2016, 36, 7441-7452.	3.6	189
6	Transannular Diels-Alder route to systems related to dynemicin A. Journal of the American Chemical Society, 1990, 112, 7410-7411.	13.7	163
7	Advancing Biological Understanding and Therapeutics Discovery with Small-Molecule Probes. Cell, 2015, 161, 1252-1265.	28.9	135
8	Structureâ€“Activity Relationship Study Reveals ML240 and ML241 as Potent and Selective Inhibitors of p97 ATPase. ChemMedChem, 2013, 8, 297-312.	3.2	119
9	Structural features and biochemical properties of TNF-Î± converting enzyme (TACE). Journal of Neuroimmunology, 1997, 72, 127-129.	2.3	106
10	Isotope or mass encoding of combinatorial libraries. Chemistry and Biology, 1996, 3, 679-688.	6.0	104
11	Specific Inhibition of p97/VCP ATPase and Kinetic Analysis Demonstrate Interaction between D1 and D2 ATPase Domains. Journal of Molecular Biology, 2014, 426, 2886-2899.	4.2	103
12	Ebselen Inhibits Hepatitis C Virus NS3 Helicase Binding to Nucleic Acid and Prevents Viral Replication. ACS Chemical Biology, 2014, 9, 2393-2403.	3.4	70
13	VCP inhibitors induce endoplasmic reticulum stress, causeÂcell cycle arrest, trigger caspaseâ€mediated cell deathÂand synergistically kill ovarian cancer cells in combination with Salubrinal. Molecular Oncology, 2016, 10, 1559-1574.	4.6	69
14	Optimization of Potent Hepatitis C Virus NS3 Helicase Inhibitors Isolated from the Yellow Dyes Thioflavine S and Primuline. Journal of Medicinal Chemistry, 2012, 55, 3319-3330.	6.4	62
15	Metarrestin, a perinucleolar compartment inhibitor, effectively suppresses metastasis. Science Translational Medicine, 2018, 10, .	12.4	55
16	Identification and analysis of hepatitis C virus NS3 helicase inhibitors using nucleic acid binding assays. Nucleic Acids Research, 2012, 40, 8607-8621.	14.5	51
17	An enolate claisen route to c-pyranosides. Tetrahedron, 1986, 42, 2787-2801.	1.9	50
18	Targeting p97 to Disrupt Protein Homeostasis in Cancer. Frontiers in Oncology, 2016, 6, 181.	2.8	49

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19	Matrix Metalloproteinase Inhibitors Containing a [(Carboxyalkyl)amino]zinc Ligand: Modification of the P1 and P2' Residues. Journal of Medicinal Chemistry, 1994, 37, 674-688.	6.4	47
20	One-Step Synthesis of Oxazoline and Dihydrooxazine Libraries. ACS Combinatorial Science, 2007, 9, 473-476.	3.3	45
21	Novel Cephalosporins Selectively Active on Nonreplicating Mycobacterium tuberculosis. Journal of Medicinal Chemistry, 2016, 59, 6027-6044.	6.4	45
22	Synthesis and crystallographic analysis of a bicyclic core related to the esperamicin/calichemicin aglycones. Tetrahedron Letters, 1989, 30, 3765-3768.	1.4	44
23	Benzothiazole and Pyrrolone Flavivirus Inhibitors Targeting the Viral Helicase. ACS Infectious Diseases, 2015, 1, 140-148.	3.8	44
24	Small-molecule pyrimidine inhibitors of the cdc2-like (Clk) and dual specificity tyrosine phosphorylation-regulated (Dyrk) kinases: Development of chemical probe ML315. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 3654-3661.	2.2	43
25	Discovery of Small Molecule Kappa Opioid Receptor Agonist and Antagonist Chemotypes through a HTS and Hit Refinement Strategy. ACS Chemical Neuroscience, 2012, 3, 221-236.	3.5	42
26	Discovery, Synthesis, and Optimization of Diarylisoxazoleâ€3â€carboxamides as Potent Inhibitors of the Mitochondrial Permeability Transition Pore. ChemMedChem, 2015, 10, 1655-1671.	3.2	41
27	Polysubstituted dihydropyrans via the enolate Claisen rearrangement. A stereocontrolled route to C-pyranosides. Journal of Organic Chemistry, 1984, 49, 4320-4322.	3.2	36
28	Nâ€Phenylbenzamides as Potent Inhibitors of the Mitochondrial Permeability Transition Pore. ChemMedChem, 2016, 11, 283-288.	3.2	34
29	Evaluating p97 Inhibitor Analogues for Their Domain Selectivity and Potency against the p97â€“p47 Complex. ChemMedChem, 2015, 10, 52-56.	3.2	29
30	One-Pot, Three-Component, Domino Heck-aza-Michael Approach to Libraries of Functionalized 1,1-Dioxido-1,2-benzisothiazoline-3-acetic Acids. ACS Combinatorial Science, 2009, 11, 732-738.	3.3	28
31	The dioxanone-to-dihydropyran Claisen rearrangement. Synthesis of C(7)-C(13) fragments of erythronolides A and B. Tetrahedron Letters, 1987, 28, 4143-4146.	1.4	25
32	Solution-Phase Parallel Synthesis of a Library of Î”2-Pyrazolines. ACS Combinatorial Science, 2007, 9, 20-28.	3.3	24
33	Three-Component Synthesis of 1,4-Diazepin-5-ones and the Construction of Î²-Turn-like Peptidomimetic Libraries. ACS Combinatorial Science, 2008, 10, 230-234.	3.3	24
34	Skeletal Diversification via Heteroatom Linkage Control: Preparation of Bicyclic and Spirocyclic Scaffolds from N-Substituted Homopropargyl Alcohols. Journal of Organic Chemistry, 2013, 78, 3720-3730.	3.2	24
35	High-Throughput Screening, Discovery, and Optimization To Develop a Benzofuran Class of Hepatitis C Virus Inhibitors. ACS Combinatorial Science, 2015, 17, 641-652.	3.8	23
36	The ester enolate claisen rearrangement. Synthesis of A C(1)î—¸C(6) erythronolide fragment. Tetrahedron Letters, 1986, 27, 449-452.	1.4	22

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37	Phosphodiesterase Type IV Inhibition. Structure-Activity Relationships of 1,3-Disubstituted Pyrrolidines. Journal of Medicinal Chemistry, 1995, 38, 1505-1510.	6.4	21
38	Fluorescent primuline derivatives inhibit hepatitis C virus NS3-catalyzed RNA unwinding, peptide hydrolysis and viral replicase formation. Antiviral Research, 2012, 96, 245-255.	4.1	18
39	Synthesis of N-Alkyl-octahydroisoquinolin-1-one-8-carboxamide Libraries Using a Tandem Dielsâ€“Alder/Acylation Sequence. ACS Combinatorial Science, 2007, 9, 1188-1192.	3.3	15
40	Identification of Potent and Selective Inhibitors of the Plasmodium falciparum M18 Aspartyl Aminopeptidase (PfM18AAP) of Human Malaria via High-Throughput Screening. Journal of Biomolecular Screening, 2014, 19, 1107-1115.	2.6	15
41	Structure-activity relationships involving the catechol subunit of rolipram. Bioorganic and Medicinal Chemistry Letters, 1994, 4, 1855-1860.	2.2	14
42	Threading the Needle: Small-Molecule Targeting of a Xenobiotic Receptor to AblateEscherichia coliPolysaccharide Capsule Expression Without Altering Antibiotic Resistance. Journal of Infectious Diseases, 2016, 213, 1330-1339.	4.0	14
43	Evaluating p97 Inhibitor Analogues for Potency against p97â€“p37 and p97â€“Npl4â€“Ufd1 Complexes. ChemMedChem, 2016, 11, 953-957.	3.2	13
44	Benzylmorpholine Analogs as Selective Inhibitors of Lung Cytochrome P450 2A13 for the Chemoprevention of Lung Cancer in Tobacco Users. Pharmaceutical Research, 2013, 30, 2290-2302.	3.5	12
45	Autophagy activation by novel inducers prevents BECN2-mediated drug tolerance to cannabinoids. Autophagy, 2016, 12, 1460-1471.	9.1	12
46	Development of an Aryloxazole Class of Hepatitis C Virus Inhibitors Targeting the Entry Stage of the Viral Replication Cycle. Journal of Medicinal Chemistry, 2017, 60, 6364-6383.	6.4	12
47	Functional cooperativity of p97 and histone deacetylase 6 in mediating DNA repair in mantle cell lymphoma cells. Leukemia, 2019, 33, 1675-1686.	7.2	12
48	Arthur Suite V. 3.0 Symyx Technologies, Inc., 3100 Central Expressway, Santa Clara, CA 95051. www.symyx.com. See Web site for pricing information.. Journal of the American Chemical Society, 2006, 128, 664-665.	13.7	11
49	Primuline Derivatives That Mimic RNA to Stimulate Hepatitis C Virus NS3 Helicase-catalyzed ATP Hydrolysis. Journal of Biological Chemistry, 2013, 288, 19949-19957.	3.4	11
50	Activity-Based Protein Profiling Reveals That Cephalosporins Selectively Active on Non-replicating Mycobacterium tuberculosis Bind Multiple Protein Families and Spare Peptidoglycan Transpeptidases. Frontiers in Microbiology, 2020, 11, 1248.	3.5	11
51	Ionic Immobilization, Diversification, and Release: Application to the Generation of a Library of Methionine Aminopeptidase Inhibitors. ACS Combinatorial Science, 2008, 10, 185-194.	3.3	10
52	Simultaneously Targeting the NS3 Protease and Helicase Activities for More Effective Hepatitis C Virus Therapy. ACS Chemical Biology, 2015, 10, 1887-1896.	3.4	10
53	Lifting the Mask: Identification of New Small Molecule Inhibitors of Uropathogenic Escherichia coli Group 2 Capsule Biogenesis. PLoS ONE, 2014, 9, e96054.	2.5	10
54	Repurposing p97 inhibitors for chemical modulation of the bacterial ClpBâ€“DnaK bichaperone system. Journal of Biological Chemistry, 2021, 296, 100079.	3.4	8

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55	Potency enhancement of the Î¹-opioid receptor antagonist probe ML140 through sulfonamide constraint utilizing a tetrahydroisoquinoline motif. Bioorganic and Medicinal Chemistry, 2015, 23, 3948-3956.	3.0	7
56	Design of High-Throughput Screening Assays and Identification of a SUMO1-Specific Small Molecule Chemotype Targeting the SUMO-Interacting Motif-Binding Surface. ACS Combinatorial Science, 2015, 17, 239-246.	3.8	5
57	Identification of Antimalarial Inhibitors Using Late-Stage Gametocytes in a Phenotypic Live/Dead Assay. SLAS Discovery, 2019, 24, 38-46.	2.7	5
58	Revisiting the Î²-Lactams for Tuberculosis Therapy with a Compound-Compound Synthetic Lethality Approach. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	4
59	Discovery and Optimization of Pyrrolopyrimidine Derivatives as Selective Disruptors of the Perinucleolar Compartment, a Marker of Tumor Progression toward Metastasis. Journal of Medicinal Chemistry, 2022, 65, 8303-8331.	6.4	4
60	A Combinatorial Process for Drug Discovery. , 2005, , 231-259.		2
61	Matrix metalloproteinase inhibitors containing a [(carboxyalkyl)amino] zinc ligand: Modification of the P1 and P2' residues. [Erratum to document cited in CA120:238898]. Journal of Medicinal Chemistry, 1994, 37, 1546-1546.	6.4	0
62	Effect of C-2 substitution on the stability of non-traditional cephalosporins in mouse plasma. Journal of Antibiotics, 2019, 72, 469-475.	2.0	0