

Martin J Stoermer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8830105/publications.pdf>

Version: 2024-02-01

65
papers

2,111
citations

361413

20
h-index

233421

45
g-index

77
all docs

77
docs citations

77
times ranked

2557
citing authors

#	ARTICLE	IF	CITATIONS
1	Orally Absorbed Cyclic Peptides. <i>Chemical Reviews</i> , 2017, 117, 8094-8128.	47.7	307
2	Activity of Recombinant Dengue 2 Virus NS3 Protease in the Presence of a Truncated NS2B Co-factor, Small Peptide Substrates, and Inhibitors. <i>Journal of Biological Chemistry</i> , 2001, 276, 45762-45771.	3.4	276
3	Structure of West Nile Virus NS3 Protease: Ligand Stabilization of the Catalytic Conformation. <i>Journal of Molecular Biology</i> , 2009, 385, 1568-1577.	4.2	131
4	Potencies of Human Immunodeficiency Virus Protease Inhibitors In Vitro against <i>Plasmodium falciparum</i> and In Vivo against Murine Malaria. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 639-648.	3.2	130
5	Flavones are inhibitors of HIV-1 proteinase. <i>Biochemical and Biophysical Research Communications</i> , 1992, 188, 631-637.	2.1	110
6	Enzymatic Characterization and Homology Model of a Catalytically Active Recombinant West Nile Virus NS3 Protease. <i>Journal of Biological Chemistry</i> , 2004, 279, 48535-48542.	3.4	103
7	Potent Cyclic Antagonists of the Complement C5a Receptor on Human Polymorphonuclear Leukocytes. Relationships between Structures and Activity. <i>Molecular Pharmacology</i> , 2004, 65, 868-879.	2.3	100
8	In silico screening of small molecule libraries using the dengue virus envelope E protein has identified compounds with antiviral activity against multiple flaviviruses. <i>Antiviral Research</i> , 2009, 84, 234-241.	4.1	95
9	Insights to Substrate Binding and Processing by West Nile Virus NS3 Protease through Combined Modeling, Protease Mutagenesis, and Kinetic Studies. <i>Journal of Biological Chemistry</i> , 2006, 281, 38448-38458.	3.4	78
10	Potent Cationic Inhibitors of West Nile Virus NS2B/NS3 Protease With Serum Stability, Cell Permeability and Antiviral Activity. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 5714-5721.	6.4	77
11	West Nile Virus NS2B/NS3 Protease As An Antiviral Target. <i>Current Medicinal Chemistry</i> , 2008, 15, 2771-2784.	2.4	77
12	Site-directed Mutagenesis and Kinetic Studies of the West Nile Virus NS3 Protease Identify Key Enzyme-Substrate Interactions. <i>Journal of Biological Chemistry</i> , 2005, 280, 2896-2903.	3.4	56
13	Cyclic Penta- and Hexaleucine Peptides without N-Methylation Are Orally Absorbed. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 1148-1151.	2.8	55
14	Mutagenesis of the West Nile virus NS2B cofactor domain reveals two regions essential for protease activity. <i>Journal of General Virology</i> , 2008, 89, 1010-1014.	2.9	52
15	Receptor residence time trumps drug-likeness and oral bioavailability in determining efficacy of complement C5a antagonists. <i>Scientific Reports</i> , 2016, 6, 24575.	3.3	38
16	Structural Mimicry of Two Cytochrome b562 Interhelical Loops Using Macrocycles Constrained by Oxazoles and Thiazoles. <i>Journal of the American Chemical Society</i> , 2005, 127, 6563-6572.	13.7	36
17	2-(Het)aryl-Substituted 7-Azabicyclo[2.2.1]heptane Systems. , 1998, 1998, 1997-2001.		28
18	Current Status of Virtual Screening as Analysed by Target Class. <i>Medicinal Chemistry</i> , 2006, 2, 89-112.	1.5	28

#	ARTICLE	IF	CITATIONS
19	Downsizing a human inflammatory protein to a small molecule with equal potency and functionality. <i>Nature Communications</i> , 2013, 4, 2802.	12.8	28
20	Regioselective Synthesis of Antiparallel Loops on a Macrocyclic Scaffold Constrained by Oxazoles and Thiazoles. <i>Organic Letters</i> , 2002, 4, 3367-3370.	4.6	26
21	Generation and characterization of proteolytically active and highly stable truncated and full-length recombinant West Nile virus NS3. <i>Protein Expression and Purification</i> , 2007, 53, 87-96.	1.3	21
22	Potent Heterocyclic Ligands for Human Complement C3a Receptor. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 8459-8470.	6.4	19
23	Vinyl cation formation by decomposition of vinyl-lead triacetates. The reactions of vinylmercury and vinyltin compounds with lead tetra-acetate. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1990, , 2645.	0.9	18
24	Synthesis and cannabinoid activity of 1-substituted-indole-3-oxadiazole derivatives: Novel agonists for the CB1 receptor. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 513-539.	5.5	18
25	Simultaneous uncoupled expression and purification of the Dengue virus NS3 protease and NS2B co-factor domain. <i>Protein Expression and Purification</i> , 2016, 119, 124-129.	1.3	18
26	Structure-activity relationships for macrocyclic peptidomimetic inhibitors of HIV-1 protease. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1996, 6, 2531-2536.	2.2	17
27	An interaction between the methyltransferase and RNA dependent RNA polymerase domains of the West Nile virus NS5 protein. <i>Journal of General Virology</i> , 2013, 94, 1961-1971.	2.9	17
28	Virtual Screening of Peptide and Peptidomimetic Fragments Targeted to Inhibit Bacterial Dithiol Oxidase DsbA. <i>PLoS ONE</i> , 2015, 10, e0133805.	2.5	16
29	Three Homology Models of PAR2 Derived from Different Templates: Application to Antagonist Discovery. <i>Journal of Chemical Information and Modeling</i> , 2015, 55, 1181-1191.	5.4	16
30	Electrophilic vinylations by vinyllead triacetates and tribenzoates generated by tin-lead exchange. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1992, , 1911-1915.	0.9	13
31	Vinyl cation formation by decomposition of vinyllead(IV) triacetates. Part 2. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1991, , 2455.	0.9	12
32	A Selective and Versatile Synthesis of Substituted Chromones via Addition of Phenols to Dimethyl Acetylenedicarboxylate. <i>Australian Journal of Chemistry</i> , 1995, 48, 677.	0.9	11
33	Cycloadditions of Isobenzofuran to a Constrained Template Bearing Neighboring Dienophiles. <i>Chemistry - A European Journal</i> , 2003, 9, 2068-2071.	3.3	8
34	Identification and characterization of bi-thiazole-2,2'-diamines as kinase inhibitory scaffolds. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 1077-1088.	2.3	8
35	¹ H NMR evidence for the formation of vinyllead triacetates. The reactions of vinylmercury, vinyltin, and vinylboronic acids with lead tetraacetate. <i>Journal of Organometallic Chemistry</i> , 1996, 507, 207-214.	1.8	7
36	Lithium perchlorate accelerated Friedel-Crafts addition of furans to β -nitrostyrenes. <i>Tetrahedron Letters</i> , 2013, 54, 6776-6778.	1.4	7

#	ARTICLE	IF	CITATIONS
37	Synthesis and Cannabinoid Activity of a Variety of 2,3-Substituted 1-Benzo[b]thiophen Derivatives and 2,3-Substituted Benzofuran: Novel Agonists for the CB1 Receptor. Australian Journal of Chemistry, 2008, 61, 484.	0.9	6
38	Tributyl-[(Z)-5-phenyl-2-penten-2-yl]stannane. Molecules, 1998, 3, M67.	3.8	2
39	2(S,R),3(R,S)-2,3-Dibromo-3-methyl-5-phenyl-2-pentanoic Acid. Molecules, 1998, 3, M55.	3.8	2
40	Structures of peptide agonists for human protease activated receptor 2. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 916-919.	2.2	2
41	[(Z)-5-Phenyl-2-penten-2-yl]mercury Bromide. Molecules, 1998, 3, M68.	3.8	1
42	bis-[(Z)-5-Phenyl-2-penten-2-yl]mercury. Molecules, 1998, 3, M70.	3.8	1
43	2(R,S),3(S,R)-2,3-Dibromo-3-methyl-5-phenyl-2-pentanoic Acid. Molecules, 1998, 3, M56.	3.8	1
44	Ethyl (E)-3-methyl-5-phenyl-2-pentenoate. Molecules, 1998, 3, M51.	3.8	1
45	[(Z)-5-Phenyl-2-penten-2-yl]mercury Acetate. Molecules, 1998, 3, M69.	3.8	1
46	Ethyl (Z)-3-(2-Methoxyphenyl)-2-butenolate. Molecules, 1998, 3, M72.	3.8	1
47	Base-Sensitivity of Arginine Alpha-Ketoamide Inhibitors of Serine Proteases. Australian Journal of Chemistry, 2009, 62, 988.	0.9	1
48	Ethyl (E)-3-(2-Methoxyphenyl)-2-butenolate. Molecules, 1998, 3, M71.	3.8	0
49	(Z)-2-Bromo-5-phenyl-2-pentene. Molecules, 1998, 3, M66.	3.8	0
50	Ethyl (Z)-3-Methyl-5-phenyl-2-pentenoate. Molecules, 1998, 3, M52.	3.8	0
51	(E)-3-Methyl-5-phenyl-2-pentenoic Acid. Molecules, 1998, 3, M53.	3.8	0
52	(Z)-3-Methyl-5-phenyl-2-pentenoic Acid. Molecules, 1998, 3, M54.	3.8	0
53	(Z)-1-Bromo-2-methyl-4-phenyl-1-butene. Molecules, 1998, 3, M57.	3.8	0
54	(E)-1-Bromo-2-methyl-4-phenyl-1-butene. Molecules, 1998, 3, M58.	3.8	0

#	ARTICLE	IF	CITATIONS
55	Ethyl 3-Hydroxy-3-methyl-5-phenylpentanoate. <i>Molecules</i> , 1998, 3, M59.	3.8	0
56	Ethyl 3-Acetoxy-3-methyl-5-phenylpentanoate. <i>Molecules</i> , 1998, 3, M60.	3.8	0
57	3-Hydroxy-3-methyl-5-phenylpentanoic Acid. <i>Molecules</i> , 1998, 3, M61.	3.8	0
58	Ethyl (E)-2-Methyl-5-phenyl-2-pentenoate. <i>Molecules</i> , 1998, 3, M62.	3.8	0
59	Ethyl (Z)-2-Methyl-5-phenyl-2-pentenoate. <i>Molecules</i> , 1998, 3, M63.	3.8	0
60	(E)-2-Methyl-5-phenyl-2-pentenoic Acid. <i>Molecules</i> , 1998, 3, M64.	3.8	0
61	2,3-Dibromo-2-methyl-5-phenylpentanoic Acid. <i>Molecules</i> , 1998, 3, M65.	3.8	0
62	(E)-3-(2-Methoxyphenyl)-2-butenic Acid. <i>Molecules</i> , 1998, 3, M73.	3.8	0
63	Identification of crotonyl glycine in urine of sheep after 48h road transport. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 67-68, 129-136.	2.8	0
64	Stereoelectronic Effects on Dienophile Separation Influence the Diels-Alder Synthesis of Molecular Clefts. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6793-6796.	2.4	0
65	Downsizing Proteins Without Losing Potency or Function. , 2015, , .		0