

Gabriel Fenteany

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1152415/publications.pdf>

Version: 2024-02-01

42
papers

4,570
citations

236925

25
h-index

302126

39
g-index

44
all docs

44
docs citations

44
times ranked

4838
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of Proteasome Activities and Subunit-Specific Amino-Terminal Threonine Modification by Lactacystin. <i>Science</i> , 1995, 268, 726-731.	12.6	1,594
2	Lactacystin, Proteasome Function, and Cell Fate. <i>Journal of Biological Chemistry</i> , 1998, 273, 8545-8548.	3.4	386
3	Multiple rows of cells behind an epithelial wound edge extend cryptic lamellipodia to collectively drive cell-sheet movement. <i>Journal of Cell Science</i> , 2005, 118, 51-63.	2.0	367
4	Lactacystin and clasto-Lactacystin β -Lactone Modify Multiple Proteasome β -Subunits and Inhibit Intracellular Protein Degradation and Major Histocompatibility Complex Class I Antigen Presentation. <i>Journal of Biological Chemistry</i> , 1997, 272, 13437-13445.	3.4	357
5	Signaling pathways and cell mechanics involved in wound closure by epithelial cell sheets. <i>Current Biology</i> , 2000, 10, 831-838.	3.9	270
6	A beta-lactone related to lactacystin induces neurite outgrowth in a neuroblastoma cell line and inhibits cell cycle progression in an osteosarcoma cell line.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 3358-3362.	7.1	217
7	Polycomb Protein EZH2 Regulates Tumor Invasion via the Transcriptional Repression of the Metastasis Suppressor RKIP in Breast and Prostate Cancer. <i>Cancer Research</i> , 2012, 72, 3091-3104.	0.9	195
8	Small-Molecule Inhibitors of Actin Dynamics and Cell Motility. <i>Current Topics in Medicinal Chemistry</i> , 2003, 3, 593-616.	2.1	185
9	A Chemical Inhibitor Reveals the Role of Raf Kinase Inhibitor Protein in Cell Migration. <i>Chemistry and Biology</i> , 2005, 12, 981-991.	6.0	99
10	Cytoskeletal remodeling in leukocyte function. <i>Current Opinion in Hematology</i> , 2004, 11, 15-24.	2.5	83
11	Raf kinase inhibitor protein suppresses nuclear factor- κ B-dependent cancer cell invasion through negative regulation of matrix metalloproteinase expression. <i>Cancer Letters</i> , 2010, 299, 137-149.	7.2	75
12	Cell surface actin remodeling. <i>Journal of Cell Science</i> , 2006, 119, 3261-3264.	2.0	57
13	Diversity Through a Branched Reaction Pathway: Generation of Multicyclic Scaffolds and Identification of Antimigratory Agents. <i>Chemistry - A European Journal</i> , 2011, 17, 649-654.	3.3	57
14	The structural requirements for inhibition of proteasome function by the lactacystin-derived β -lactone and synthetic analogs. <i>Tetrahedron</i> , 1999, 55, 3305-3316.	1.9	50
15	A Non-Antibacterial Oxazolidinone Derivative that Inhibits Epithelial Cell Sheet Migration. <i>ChemBioChem</i> , 2002, 3, 1105-1111.	2.6	48
16	Selective deprotection of either alkyl or aryl silyl ethers from aryl, alkyl bis-silyl ethers. <i>Tetrahedron Letters</i> , 2002, 43, 4729-4732.	1.4	48
17	Synthesis and structure-activity relationships of metal-ligand complexes that potently inhibit cell migration. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 498-504.	2.2	45
18	Quinocarmycin Analog DX-52-1 Inhibits Cell Migration and Targets Radixin, Disrupting Interactions of Radixin with Actin and CD44. <i>Chemistry and Biology</i> , 2006, 13, 973-983.	6.0	42

#	ARTICLE	IF	CITATIONS
19	Cucurbitacin I Inhibits Cell Motility by Indirectly Interfering with Actin Dynamics. PLoS ONE, 2010, 5, e14039.	2.5	42
20	Glycogen synthase kinase-3 acts upstream of ADP-ribosylation factor 6 and Rac1 to regulate epithelial cell migration. Experimental Cell Research, 2006, 312, 1514-1525.	2.6	41
21	G protein-coupled receptor kinase 2 activates radixin, regulating membrane protrusion and motility in epithelial cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2010, 1803, 300-310.	4.1	41
22	Cardiac Glycoside Activities Link Na ⁺ /K ⁺ ATPase Ion-Transport to Breast Cancer Cell Migration via Correlative SAR. ACS Chemical Biology, 2015, 10, 561-569.	3.4	36
23	c-Jun N-terminal kinase regulates lamellipodial protrusion and cell sheet migration during epithelial wound closure by a gene expression-independent mechanism. Biochemical and Biophysical Research Communications, 2004, 322, 56-67.	2.1	34
24	Analogues of Tetrahydroisoquinoline Natural Products That Inhibit Cell Migration and Target Galectin-3 Outside of Its Carbohydrate-binding Site. Journal of Biological Chemistry, 2008, 283, 24534-24545.	3.4	31
25	Raf kinase inhibitor protein positively regulates cell-substratum adhesion while negatively regulating cell-cell adhesion. Journal of Cellular Biochemistry, 2008, 103, 972-985.	2.6	30
26	Specific inhibition of the chymotrypsin-like activity of the proteasome induces a bipolar morphology in neuroblastoma cells. Chemistry and Biology, 1996, 3, 905-912.	6.0	26
27	Access to Dienophilic Ene-Triketone Synthons by Oxidation of Diketones with an Oxoammonium Salt. Organic Letters, 2012, 14, 498-501.	4.6	22
28	Locostatin Disrupts Association of Raf Kinase Inhibitor Protein With Binding Proteins by Modifying a Conserved Histidine Residue in the Ligand-Binding Pocket. Forum on Immunopathological Diseases and Therapeutics, 2011, 2, 47-58.	0.1	21
29	The Oxazolidinone Derivative Locostatin Induces Cytokine Appeasement. Journal of Immunology, 2009, 183, 7489-7496.	0.8	17
30	Recognition and Reactivity in the Binding between Raf Kinase Inhibitor Protein and Its Small-Molecule Inhibitor Locostatin. Journal of Physical Chemistry B, 2012, 116, 10176-10181.	2.6	12
31	Multilevel structure-activity profiling reveals multiple green tea compound families that each modulate ubiquitin-activating enzyme and ubiquitination by a distinct mechanism. Scientific Reports, 2019, 9, 12801.	3.3	8
32	Robust high-throughput assays to assess discrete steps in ubiquitination and related cascades. BMC Molecular and Cell Biology, 2020, 21, 21.	2.0	6
33	Synthesis and evaluation of antimigratory and antiproliferative activities of lipid-linked [13]-macro-dilactones. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 5472-5476.	2.2	5
34	Identification of small molecule inhibitors of cytokinesis and single cell wound repair. Cytoskeleton, 2012, 69, 1010-1020.	2.0	5
35	The Effect of Lewis Acids on the Cycloaddition of 3,3,6-trimethylcyclohex-1,2-trione: Hydrogen Transfer versus Cycloaddition with Cyclopentadiene. European Journal of Organic Chemistry, 2013, 5041-5044.	2.4	5
36	Model studies directed to the synthesis of cucurbitacin I C/D rings. Tetrahedron Letters, 2015, 56, 5079-5081.	1.4	4

#	ARTICLE	IF	CITATIONS
37	Mode of inhibitory binding of epigallocatechin gallate to the ubiquitin-activating enzyme Uba1 <i>via</i> accelerated molecular dynamics. RSC Advances, 2021, 11, 8264-8276.	3.6	4
38	A series of xanthenes inhibiting Rad6 function and Rad6-Rad18 interaction in the PCNA ubiquitination cascade. IScience, 2022, 25, 104053.	4.1	4
39	Treatment of Nonclassic 11-Hydroxylase Deficiency with Ashwagandha Root. Case Reports in Endocrinology, 2017, 2017, 1-3.	0.4	1
40	Aryl, Alkyl Bis-Silyl Ethers: Rapid Access to Monoprotected Aryl Alkyl and Biaryl Ethers.. ChemInform, 2003, 34, no.	0.0	0
41	Synthesis of Oxazolidinone and Tosyl Enamines by Tertiary Amine Catalysis. Synlett, 2011, 2011, 699-701.	1.8	0
42	Association of Vitamin D Repletion with Normalization of Elevated Serum 17-OH-Progesterone. Medical Case Reports (Wilmington, Del), 2017, 03, .	0.1	0