

Vinayak Gupta

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7931343/publications.pdf>

Version: 2024-02-01

20
papers

1,566
citations

623734

14
h-index

940533

16
g-index

23
all docs

23
docs citations

23
times ranked

2178
citing authors

#	ARTICLE	IF	CITATIONS
1	Peroxide-dependent sulfenylation of the EGFR catalytic site enhances kinase activity. <i>Nature Chemical Biology</i> , 2012, 8, 57-64.	8.0	390
2	Sulfenic acid chemistry, detection and cellular lifetime. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 847-875.	2.4	335
3	Site-specific mapping and quantification of protein S-sulphenylation in cells. <i>Nature Communications</i> , 2014, 5, 4776.	12.8	208
4	Global, in situ, site-specific analysis of protein S-sulfenylation. <i>Nature Protocols</i> , 2015, 10, 1022-1037.	12.0	121
5	Diverse Redoxome Reactivity Profiles of Carbon Nucleophiles. <i>Journal of the American Chemical Society</i> , 2017, 139, 5588-5595.	13.7	104
6	Profiling the reactivity of cyclic C-nucleophiles towards electrophilic sulfur in cysteine sulfenic acid. <i>Chemical Science</i> , 2016, 7, 400-415.	7.4	97
7	A direct synthesis of 5,6-dihydroindolo[2,1-a]isoquinolines that exhibit immunosuppressive activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 5539-5542.	2.2	48
8	Reactivity, Selectivity, and Stability in Sulfenic Acid Detection: A Comparative Study of Nucleophilic and Electrophilic Probes. <i>Bioconjugate Chemistry</i> , 2016, 27, 1411-1418.	3.6	48
9	A new synthetic strategy for the synthesis of bioactive stilbene dimers. A direct synthesis of amurensin H. <i>Tetrahedron Letters</i> , 2009, 50, 7180-7183.	1.4	40
10	Live-cell imaging of Pol II promoter activity to monitor gene expression with RNA IMAGETag reporters. <i>Nucleic Acids Research</i> , 2014, 42, e90-e90.	14.5	39
11	First-in-Class Inhibitors of Sulfur Metabolism with Bactericidal Activity against Non-Replicating <i>M. tuberculosis</i> . <i>ACS Chemical Biology</i> , 2016, 11, 172-184.	3.4	32
12	Rational design of reversible and irreversible cysteine sulfenic acid-targeted linear C-nucleophiles. <i>Chemical Communications</i> , 2016, 52, 3414-3417.	4.1	31
13	Divergent Approach to Flavones and Aurones via Dihaloacrylic Acids. Unexpected Dependence on the Halogen Atom. <i>Organic Letters</i> , 2010, 12, 5278-5280.	4.6	29
14	Proteomic analysis of peptides tagged with dimedone and related probes. <i>Journal of Mass Spectrometry</i> , 2014, 49, 257-265.	1.6	28
15	New effective inhibitors of the Abelson kinase. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 6316-6321.	3.0	10
16	New Approach to Flavonols via Base-Mediated Cyclization: Total Synthesis of 3,5,6,7-Tetramethoxyflavone. <i>Synlett</i> , 2012, 23, 385-388.	1.8	6
17	IMAGETags for imaging gene expression in living cells in real-time. <i>FASEB Journal</i> , 2009, 23, 517.2.	0.5	0
18	IMAGETag (Intracellular MultiAptamer Genetic tag) for Real-time Imaging of Gene Promoter Activity. <i>FASEB Journal</i> , 2010, 24, 903.2.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Real-time Imaging of Transcriptional Elongation. FASEB Journal, 2011, 25, .	0.5	0
20	Imaging promoter activity to monitor gene expression using Intracellular Multiaptamer Genetic tag (IMAGÉtag). FASEB Journal, 2013, 27, 576.3.	0.5	0