

Jeet Kalia

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

1,459
citations

13
h-index

20
g-index

20
ext. papers

1,604
ext. citations

6.4
avg, IF

4.87
L-index

#	Paper	IF	Citations
18	Hydrolytic stability of hydrazones and oximes. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 7523-7526	16.4	582
17	Advances in Bioconjugation. <i>Current Organic Chemistry</i> , 2010 , 14, 138-147	1.7	273
16	From foe to friend: using animal toxins to investigate ion channel function. <i>Journal of Molecular Biology</i> , 2015 , 427, 158-175	6.5	114
15	Hydrolytic Stability of Hydrazones and Oximes. <i>Angewandte Chemie</i> , 2008 , 120, 7633-7636	3.6	113
14	General method for site-specific protein immobilization by Staudinger ligation. <i>Bioconjugate Chemistry</i> , 2007 , 18, 1064-9	6.3	67
13	Catalysis of imido group hydrolysis in a maleimide conjugate. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 6286-9	2.9	67
12	Reactivity of intein thioesters: appending a functional group to a protein. <i>ChemBioChem</i> , 2006 , 7, 1375-838	3.8	55
11	Structural insights into the mechanism of activation of the TRPV1 channel by a membrane-bound tarantula toxin. <i>ELife</i> , 2016 , 5,	8.9	53
10	Nav1.1 modulation by a novel triazole compound attenuates epileptic seizures in rodents. <i>ACS Chemical Biology</i> , 2014 , 9, 1204-12	4.9	33
9	Exploring structure-function relationships between TRP and Kv channels. <i>Scientific Reports</i> , 2013 , 3, 1523	4.9	25
8	High yield production and refolding of the double-knot toxin, an activator of TRPV1 channels. <i>PLoS ONE</i> , 2012 , 7, e51516	3.7	20
7	Elucidating the molecular basis of action of a classic drug: guanidine compounds as inhibitors of voltage-gated potassium channels. <i>Molecular Pharmacology</i> , 2011 , 80, 1085-95	4.3	20
6	Facile chemical functionalization of proteins through intein-linked yeast display. <i>Bioconjugate Chemistry</i> , 2013 , 24, 1634-44	6.3	16
5	Febrile temperature change modulates CD4 T cell differentiation via a TRPV channel-regulated Notch-dependent pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 22357-22366	11.5	8
4	Protein-Lipid Interfaces Can Drive the Functions of Membrane-Embedded Protein-Protein Complexes. <i>ACS Chemical Biology</i> , 2018 , 13, 2689-2698	4.9	6
3	Rapid and reversible hydrazone bioconjugation in cells without the use of extraneous catalysts. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 4304-4310	3.9	5
2	Common principles of voltage-dependent gating for Hv and Kv channels. <i>Neuron</i> , 2013 , 77, 214-6	13.9	2

1 1,9-Bis(2-pyridyl)-1,2,8,9-tetrathia-5-oxanonane. *MolBank*, **2009**, 2009, M642

0.5