

# Rakesh Kumar

## List of Publications by Year in descending order

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16  
papers

271  
citations

1040056

9  
h-index

940533

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16  
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16  
docs citations

16  
times ranked

359  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Synthesis of Novel 5-Substituted Acyclic Pyrimidine Nucleosides as Potent and Selective Inhibitors of Hepatitis B Virus. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 2032-2040.	6.4	49
2	The pain receptor TRPV1 displays agonist-dependent activation stoichiometry. <i>Scientific Reports</i> , 2015, 5, 12278.	3.3	45
3	TRPV1 pore turret dictates distinct DkTx and capsaicin gating. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11837-E11846.	7.1	45
4	HER family in cancer progression: From discovery to 2020 and beyond. <i>Advances in Cancer Research</i> , 2020, 147, 109-160.	5.0	27
5	Activation of transient receptor potential vanilloid 1 by lipoxygenase metabolites depends on PKC phosphorylation. <i>FASEB Journal</i> , 2017, 31, 1238-1247.	0.5	23
6	Tyrosine Residue in the TRPV1 Vanilloid Binding Pocket Regulates Deactivation Kinetics. <i>Journal of Biological Chemistry</i> , 2016, 291, 13855-13863.	3.4	17
7	5-Bromo (or chloro)-6-azido-5,6-dihydro-2 $\beta$ -deoxyuridine and -thymidine derivatives with potent antiviral activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 275-278.	2.2	14
8	L-type calcium channel blockers, morphine and pain: Newer insights. <i>Indian Journal of Anaesthesia</i> , 2010, 54, 127.	1.0	14
9	Protein toxins of the <i>Echis coloratus</i> viper venom directly activate TRPV1. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 615-623.	2.4	13
10	Nimodipine potentiates the analgesic effect of morphine in the rat hot-plate test: Implications in the treatment of pain. <i>Indian Journal of Anaesthesia</i> , 2011, 55, 413.	1.0	5
11	Tricyclic Spirolactones as Modular TRPV1 Synthetic Agonists. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1688-1696.	3.5	5
12	Synthesis and biological investigations of 5-substituted pyrimidine nucleosides coupled to a dihydropyridine/pyridinium salt redox chemical delivery system. <i>Archiv Der Pharmazie</i> , 2001, 334, 351.	4.1	4
13	Loperamide: From antidiarrheal to analgesic. <i>Journal of Opioid Management</i> , 2013, 9, 301-302.	0.5	4
14	Endogenous and Exogenous Vanilloids Evoke Disparate TRPV1 Activation to Produce Distinct Neuronal Responses. <i>Frontiers in Pharmacology</i> , 2020, 11, 903.	3.5	3
15	Synthesis and Enzymatic Transformations of 5-Halo-6-Methoxy-5,6-Dihydro Derivatives of 5-[1-Methoxy-2-halo(or 2,2-dihalo)ethyl]-2 $\beta$ -deoxyuridines as Potential Herpes Simplex Virus Inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2003, 18, 273-278.	5.2	2
16	GTL-1, a Calcium Activated TRPM Channel, Enhances Nociception. <i>Frontiers in Pharmacology</i> , 2019, 10, 1567.	3.5	1