

# Narendra Kumar

## List of Publications by Year in descending order

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29  
papers

1,525  
citations

471509

17  
h-index

526287

27  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1740  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of hydrogen production by <i>Enterobacter cloacae</i> IIT-BT 08. <i>Process Biochemistry</i> , 2000, 35, 589-593.	3.7	333
2	Continuous hydrogen production by immobilized <i>Enterobacter cloacae</i> IIT-BT 08 using lignocellulosic materials as solid matrices. <i>Enzyme and Microbial Technology</i> , 2001, 29, 280-287.	3.2	264
3	Prospective of colon cancer treatments and scope for combinatorial approach to enhanced cancer cell apoptosis. <i>Critical Reviews in Oncology/Hematology</i> , 2013, 86, 232-250.	4.4	144
4	Dexamethasone increases expression and activity of multidrug resistance transporters at the rat blood-brain barrier. <i>American Journal of Physiology - Cell Physiology</i> , 2008, 295, C440-C450.	4.6	127
5	Redirection of biochemical pathways for the enhancement of H <sub>2</sub> production by <i>Enterobacter cloacae</i> . <i>Biotechnology Letters</i> , 2001, 23, 537-541.	2.2	78
6	Association of Villin with Phosphatidylinositol 4,5-Bisphosphate Regulates the Actin Cytoskeleton. <i>Journal of Biological Chemistry</i> , 2004, 279, 3096-3110.	3.4	71
7	Kinetic study of lead (Pb <sup>2+</sup> ) removal from battery manufacturing wastewater using bagasse biochar as biosorbent. <i>Applied Water Science</i> , 2018, 8, 1.	5.6	50
8	Molecular cloning, characterization, and overexpression of a novel [Fe]-hydrogenase isolated from a high rate of hydrogen producing <i>Enterobacter cloacae</i> IIT-BT 08. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 679-685.	2.1	48
9	Regulation of Cell Motility by Tyrosine Phosphorylated Villin. <i>Molecular Biology of the Cell</i> , 2004, 15, 4807-4817.	2.1	43
10	Janus Kinase 3 Regulates Interleukin 2-induced Mucosal Wound Repair through Tyrosine Phosphorylation of Villin. <i>Journal of Biological Chemistry</i> , 2007, 282, 30341-30345.	3.4	42
11	Identification of a Functional Switch for Actin Severing by Cytoskeletal Proteins. <i>Journal of Biological Chemistry</i> , 2004, 279, 24915-24918.	3.4	38
12	Molecular mechanism of interleukin-2-induced mucosal homeostasis. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 302, C735-C747.	4.6	34
13	Functional Dissection and Molecular Characterization of Calcium-sensitive Actin-capping and Actin-depolymerizing Sites in Villin. <i>Journal of Biological Chemistry</i> , 2004, 279, 45036-45046.	3.4	33
14	Role of Janus Kinase 3 in Mucosal Differentiation and Predisposition to Colitis. <i>Journal of Biological Chemistry</i> , 2013, 288, 31795-31806.	3.4	32
15	Role of Janus Kinase 3 in Predisposition to Obesity-associated Metabolic Syndrome. <i>Journal of Biological Chemistry</i> , 2015, 290, 29301-29312.	3.4	28
16	Regulation of Actin Dynamics by Tyrosine Phosphorylation: Identification of Tyrosine Phosphorylation Sites within the Actin-Severing Domain of Villin. <i>Biochemistry</i> , 2002, 41, 11750-11760.	2.5	26
17	Identification of Molecular Switch Regulating Interactions of Janus Kinase 3 with Cytoskeletal Proteins. <i>Journal of Biological Chemistry</i> , 2012, 287, 41386-41391.	3.4	22
18	Intestinal breast cancer resistance protein (BCRP) requires Janus kinase 3 activity for drug efflux and barrier functions in obesity. <i>Journal of Biological Chemistry</i> , 2019, 294, 18337-18348.	3.4	16

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19	Janus kinase 3 regulates adherens junctions and epithelial mesenchymal transition through $\beta$ -catenin. <i>Journal of Biological Chemistry</i> , 2017, 292, 16406-16419.	3.4	15
20	Experimental and kinetic study of removal of lead (Pb+2) from battery effluent using sweet lemon (Citrus limetta) peel biochar adsorbent. <i>Environment, Development and Sustainability</i> , 2020, 22, 4379-4406.	5.0	15
21	Drug-induced liver injury and prospect of cytokine based therapy; A focus on IL-2 based therapies. <i>Life Sciences</i> , 2021, 278, 119544.	4.3	15
22	Electron microscopy of hydrogen producing immobilized <i>E. cloacae</i> IIT-BT 08 on natural polymers. <i>International Journal of Hydrogen Energy</i> , 2001, 26, 1155-1163.	7.1	13
23	Simulation and modeling of continuous H <sub>2</sub> production process by <i>Enterobacter cloacae</i> IIT-BT 08 using different bioreactor configuration. <i>Enzyme and Microbial Technology</i> , 2002, 31, 867-875.	3.2	13
24	Adapter Protein Shc Regulates Janus Kinase 3 Phosphorylation. <i>Journal of Biological Chemistry</i> , 2014, 289, 15951-15956.	3.4	11
25	Mucosal Epithelial Jak Kinases in Health and Diseases. <i>Mediators of Inflammation</i> , 2021, 2021, 1-17.	3.0	11
26	Adriamycin analogues. Preparation of 7-O-(d-ribofuranosyl)-daunomycinone and -adriamycinone. <i>Carbohydrate Research</i> , 1986, 153, 171-180.	2.3	2
27	Adriamycin analogues. Synthesis of the $\beta$ and $\alpha$ anomers of 7-O-(3-amino-3,5-dideoxy-D-ribofuranosyl)adriamycinone and some related compounds. <i>Canadian Journal of Chemistry</i> , 1984, 62, 2585-2591.	1.1	1
28	Changes in Jak3 Expression during the Differentiation of Intestinal epithelial cells*. <i>FASEB Journal</i> , 2009, 23, 871.9.	0.5	0
29	Structure and Function of Jak3- SH2 Domain. , 2015, , 209-227.		0