

Brajendra K Tripathi

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

417
citations

933447

10
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

878
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutations in six nephrosis genes delineate a pathogenic pathway amenable to treatment. <i>Nature Communications</i> , 2018, 9, 1960.	12.8	90
2	An Apela RNA-Containing Negative Feedback Loop Regulates p53-Mediated Apoptosis in Embryonic Stem Cells. <i>Cell Stem Cell</i> , 2015, 16, 669-683.	11.1	78
3	CDK5 is a major regulator of the tumor suppressor DLC1. <i>Journal of Cell Biology</i> , 2014, 207, 627-642.	5.2	46
4	A Specific Interaction between Muskelein and the Cyclin-dependent Kinase 5 Activator p39 Promotes Peripheral Localization of Muskelein. <i>Journal of Biological Chemistry</i> , 2005, 280, 21376-21383.	3.4	32
5	Cdk5-Dependent Regulation of Rho Activity, Cytoskeletal Contraction, and Epithelial Cell Migration via Suppression of Src and p190RhoGAP. <i>Molecular and Cellular Biology</i> , 2009, 29, 6488-6499.	2.3	31
6	Receptor tyrosine kinase activation of RhoA is mediated by AKT phosphorylation of DLC1. <i>Journal of Cell Biology</i> , 2017, 216, 4255-4270.	5.2	28
7	Inactivation of the <i>Dlc1</i> Gene Cooperates with Downregulation of <i>p15INK4b</i> and <i>p16Ink4a</i> , Leading to Neoplastic Transformation and Poor Prognosis in Human Cancer. <i>Cancer Research</i> , 2012, 72, 5900-5911.	0.9	27
8	The Cdk5 activator P39 specifically links muskelein to myosin II and regulates stress fiber formation and actin organization in lens. <i>Experimental Cell Research</i> , 2015, 330, 186-198.	2.6	15
9	Cancer-Associated Point Mutations in the <i>DLC1</i> Tumor Suppressor and Other <i>Rho-GAPs</i> Occur Frequently and Are Associated with Decreased Function. <i>Cancer Research</i> , 2020, 80, 3568-3579.	0.9	14
10	Cdk5. <i>Cell Adhesion and Migration</i> , 2010, 4, 333-336.	2.7	11
11	SRC and ERK cooperatively phosphorylate DLC1 and attenuate its Rho-GAP and tumor suppressor functions. <i>Journal of Cell Biology</i> , 2019, 218, 3060-3076.	5.2	10
12	Distinct functions of Cdk5(Y15) phosphorylation and Cdk5 activity in stress fiber formation and organization. <i>Experimental Cell Research</i> , 2008, 314, 3542-3550.	2.6	9
13	The Cdk5 inhibitor olomoucine promotes corneal debridement wound closure in vivo. <i>Molecular Vision</i> , 2008, 14, 542-9.	1.1	9
14	The CDK5 activator, p39, binds specifically to myosin essential light chain. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 1034-1039.	2.1	8
15	Inhibition of cytoplasmic EZH2 induces antitumor activity through stabilization of the DLC1 tumor suppressor protein. <i>Nature Communications</i> , 2021, 12, 6941.	12.8	5
16	DLC1: a tumor suppressor that regulates Rho signaling. <i>Oncotarget</i> , 2017, 8, 27674-27675.	1.8	4