

Thottala Jayaraman

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

2,306
citations

706676

14
h-index

939365

18
g-index

19
all docs

19
docs citations

19
times ranked

2918
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of bone-like nanocomposites using multiphosphorylated peptides. <i>Acta Biomaterialia</i> , 2014, 10, 2241-2249.	4.1	16
2	The ryanodine receptor is expressed in human pancreatic acinar cells and contributes to acinar cell injury. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, G574-G581.	1.6	12
3	Cluster of Differentiation 38 (CD38) Mediates Bile Acid-induced Acinar Cell Injury and Pancreatitis through Cyclic ADP-ribose and Intracellular Calcium Release. <i>Journal of Biological Chemistry</i> , 2013, 288, 27128-27137.	1.6	12
4	Human Neuroglobin Functions as a Redox-regulated Nitrite Reductase. <i>Journal of Biological Chemistry</i> , 2011, 286, 18277-18289.	1.6	245
5	Primary Structure and Phosphorylation of Dentin Matrix Protein 1 (DMP1) and Dentin Phosphophoryn (DPP) Uniquely Determine Their Role in Biomineralization.. <i>Biomacromolecules</i> , 2011, 12, 2933-2945.	2.6	101
6	Dentin Matrix Protein 1 (DMP1) Signals via Cell Surface Integrin. <i>Journal of Biological Chemistry</i> , 2011, 286, 29462-29469.	1.6	54
7	14-3-3 Binding and Phosphorylation of Neuroglobin during Hypoxia Modulate Six-to-Five Heme Pocket Coordination and Rate of Nitrite Reduction to Nitric Oxide. <i>Journal of Biological Chemistry</i> , 2011, 286, 42679-42689.	1.6	69
8	HUMAN NEUROGLOBIN FUNCTIONS AS A REDOX REGULATED NITRITE REDUCTASE. <i>FASEB Journal</i> , 2011, 25, .	0.2	2
9	TNF- α -mediated inflammation in cerebral aneurysms: A potential link to growth and rupture. <i>Vascular Health and Risk Management</i> , 2008, Volume 4, 805-817.	1.0	118
10	Tumor Necrosis Factor $\hat{\pm}$ is a Key Modulator of Inflammation in Cerebral Aneurysms. <i>Neurosurgery</i> , 2005, 57, 558-564.	0.6	113
11	Cdc2/Cyclin B1 Interacts with and Modulates Inositol 1,4,5-Trisphosphate Receptor (Type 1) Functions. <i>Journal of Immunology</i> , 2005, 175, 6205-6210.	0.4	51
12	Inositol 1,4,5-Trisphosphate Receptor Phosphorylation in Breast Cancer. <i>Tumor Biology</i> , 2005, 26, 207-212.	0.8	10
13	Intracellular calcium release is required for caspase-3 and -9 activation. <i>Cell Biochemistry and Function</i> , 2004, 22, 35-40.	1.4	52
14	Inositol 1,4,5-trisphosphate receptor (type 1) phosphorylation and modulation by Cdc2. <i>Journal of Cellular Biochemistry</i> , 2003, 90, 1186-1196.	1.2	49
15	Calcineurin Is Downstream of the Inositol 1,4,5-Trisphosphate Receptor in the Apoptotic and Cell Growth Pathways. <i>Journal of Biological Chemistry</i> , 2000, 275, 6417-6420.	1.6	81
16	Calcium-Dependent Signalling in Apoptosis. , 1998, , 291-310.		0
17	The Human Type 1 Inositol 1,4,5-Trisphosphate Receptor from T Lymphocytes. <i>Journal of Biological Chemistry</i> , 1995, 270, 2833-2840.	1.6	71
18	Rapamycin-FKBP Inhibits Cell Cycle Regulators of Proliferation in Vascular Smooth Muscle Cells. <i>Circulation Research</i> , 1995, 76, 412-417.	2.0	470

#	ARTICLE	IF	CITATIONS
19	Stabilization of calcium release channel (ryanodine receptor) function by FK506-binding protein. Cell, 1994, 77, 513-523.	13.5	780