

Rakesh Rathore

List of Publications by Year in descending order

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9
papers

637
citations

1040056

9
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

773
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiplex Enzyme Assays and Inhibitor Screening by Mass Spectrometry. Journal of Biomolecular Screening, 2010, 15, 1001-1007.	2.6	17
2	Genetic evidence for functional role of ryanodine receptor 1 in pulmonary artery smooth muscle cells. Pflugers Archiv European Journal of Physiology, 2009, 457, 771-783.	2.8	37
3	Extending matrix-assisted laser desorption/ionization triple quadrupole mass spectrometry enzyme screening assays to targets with small molecule substrates. Rapid Communications in Mass Spectrometry, 2009, 23, 3293-3300.	1.5	27
4	Membrane depolarization causes a direct activation of G protein-coupled receptors leading to local Ca ²⁺ release in smooth muscle. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 11418-11423.	7.1	89
5	Hypoxia activates NADPH oxidase to increase [ROS] _i and [Ca ²⁺] _i through the mitochondrial ROS-PKC ϵ signaling axis in pulmonary artery smooth muscle cells. Free Radical Biology and Medicine, 2008, 45, 1223-1231.	2.9	255
6	Development of an Inhibitor Screening Platform via Mass Spectrometry. Journal of Biomolecular Screening, 2008, 13, 1007-1013.	2.6	29
7	Heterogeneous Gene Expression and Functional Activity of Ryanodine Receptors in Resistance and Conduit Pulmonary as well as Mesenteric Artery Smooth Muscle Cells. Journal of Vascular Research, 2008, 45, 469-479.	1.4	37
8	Mitochondrial ROS-PKC μ signaling axis is uniquely involved in hypoxic increase in [Ca ²⁺] _i in pulmonary artery smooth muscle cells. Biochemical and Biophysical Research Communications, 2006, 351, 784-790.	2.1	64
9	Type-3 Ryanodine Receptors Mediate Hypoxia-, but Not Neurotransmitter-induced Calcium Release and Contraction in Pulmonary Artery Smooth Muscle Cells. Journal of General Physiology, 2005, 125, 427-440.	1.9	82