

Raja Chakraborty

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,478
citations

687363

13
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

2665
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential BMP Signaling Mediates the Interplay Between Genetics and Leaflet Numbers in Aortic Valve Calcification. <i>JACC Basic To Translational Science</i> , 2022, 7, 333-345.	4.1	6
2	Histone Acetyltransferases p300 and CBP Coordinate Distinct Chromatin Remodeling Programs in Vascular Smooth Muscle Plasticity. <i>Circulation</i> , 2022, 145, 1720-1737.	1.6	27
3	Targeting smooth muscle cell phenotypic switching in vascular disease. <i>JVS Vascular Science</i> , 2021, 2, 79-94.	1.1	70
4	TET2 Protects Against Vascular Smooth Muscle Cell Apoptosis and Intimal Thickening in Transplant Vasculopathy. <i>Circulation</i> , 2021, 144, 455-470.	1.6	31
5	Low-dose Aspirin prevents hypertension and cardiac fibrosis when thromboxane A2 is unrestrained. <i>Pharmacological Research</i> , 2021, 170, 105744.	7.1	11
6	H3K4 di-methylation governs smooth muscle lineage identity and promotes vascular homeostasis by restraining plasticity. <i>Developmental Cell</i> , 2021, 56, 2765-2782.e10.	7.0	21
7	SMAD4 Prevents Flow Induced Arteriovenous Malformations by Inhibiting Casein Kinase 2. <i>Circulation</i> , 2018, 138, 2379-2394.	1.6	88
8	Clonal hematopoiesis associated with TET2 deficiency accelerates atherosclerosis development in mice. <i>Science</i> , 2017, 355, 842-847.	12.6	999
9	Characterization of GPCR signaling in hypoxia. <i>Methods in Cell Biology</i> , 2017, 142, 101-110.	1.1	5
10	The Pharmacochaperone Activity of Quinine on Bitter Taste Receptors. <i>PLoS ONE</i> , 2016, 11, e0156347.	2.5	34
11	Expression of G Protein-Coupled Receptors in Mammalian Cells. <i>Methods in Enzymology</i> , 2015, 556, 267-281.	1.0	18
12	Inverse Agonism of SQ 29,548 and Ramatroban on Thromboxane A2 Receptor. <i>PLoS ONE</i> , 2014, 9, e85937.	2.5	9
13	Dextromethorphan Mediated Bitter Taste Receptor Activation in the Pulmonary Circuit Causes Vasoconstriction. <i>PLoS ONE</i> , 2014, 9, e110373.	2.5	33
14	Differential expression of bitter taste receptors in non-cancerous breast epithelial and breast cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 499-503.	2.1	55
15	Role of rhodopsin N-terminus in structure and function of rhodopsin-bitter taste receptor chimeras. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 179-182.	2.1	9
16	New Insights into Structural Determinants for Prostanoid Thromboxane A2 Receptor- and Prostacyclin Receptor-G Protein Coupling. <i>Molecular and Cellular Biology</i> , 2013, 33, 184-193.	2.3	23
17	High-Level Expression, Purification and Characterization of a Constitutively Active Thromboxane A2 Receptor Polymorphic Variant. <i>PLoS ONE</i> , 2013, 8, e76481.	2.5	5
18	Determinants of physical and functional coupling between Thromboxane A2 receptor and G β q. <i>FASEB Journal</i> , 2013, 27, 1031.20.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Site-Directed Mutations and the Polymorphic Variant Ala160Thr in the Human Thromboxane Receptor Uncover a Structural Role for Transmembrane Helix 4. PLoS ONE, 2012, 7, e29996.	2.5	16
20	Structural and functional roles of small group-conserved amino acids present on helix-H7 in the β 2-adrenergic receptor. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 1170-1178.	2.6	18