Raja Chakraborty

List of Publications by Year
in descending order

20	1,478	687363 13	794594 19
papers	citations	h-index	g-index

21	21	21	2665
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Clonal hematopoiesis associated with TET2 deficiency accelerates atherosclerosis development in mice. Science, 2017, 355, 842-847.	12.6	999
2	SMAD4 Prevents Flow Induced Arteriovenous Malformations by Inhibiting Casein Kinase 2. Circulation, 2018, 138, 2379-2394.	1.6	88
3	Targeting smooth muscle cell phenotypic switching in vascular disease. JVS Vascular Science, 2021, 2, 79-94.	1.1	70
4	Differential expression of bitter taste receptors in non-cancerous breast epithelial and breast cancer cells. Biochemical and Biophysical Research Communications, 2014, 446, 499-503.	2.1	55
5	The Pharmacochaperone Activity of Quinine on Bitter Taste Receptors. PLoS ONE, 2016, 11, e0156347.	2.5	34
6	Dextromethorphan Mediated Bitter Taste Receptor Activation in the Pulmonary Circuit Causes Vasoconstriction. PLoS ONE, 2014, 9, e110373.	2.5	33
7	TET2 Protects Against Vascular Smooth Muscle Cell Apoptosis and Intimal Thickening in Transplant Vasculopathy. Circulation, 2021, 144, 455-470.	1.6	31
8	Histone Acetyltransferases p300 and CBP Coordinate Distinct Chromatin Remodeling Programs in Vascular Smooth Muscle Plasticity. Circulation, 2022, 145, 1720-1737.	1.6	27
9	New Insights into Structural Determinants for Prostanoid Thromboxane A2 Receptor- and Prostacyclin Receptor-G Protein Coupling. Molecular and Cellular Biology, 2013, 33, 184-193.	2.3	23
10	H3K4 di-methylation governs smooth muscle lineage identity and promotes vascular homeostasis by restraining plasticity. Developmental Cell, 2021, 56, 2765-2782.e10.	7.0	21
11	Structural and functional roles of small group-conserved amino acids present on helix-H7 in the Î²2-adrenergic receptor. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 1170-1178.	2.6	18
12	Expression of G Protein-Coupled Receptors in Mammalian Cells. Methods in Enzymology, 2015, 556, 267-281.	1.0	18
13	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
14	Low-dose Aspirin prevents hypertension and cardiac fibrosis when thromboxane A2 is unrestrained. Pharmacological Research, 2021, 170, 105744.	7.1	11
15	Role of rhodopsin N-terminus in structure and function of rhodopsin-bitter taste receptor chimeras. Biochemical and Biophysical Research Communications, 2013, 430, 179-182.	2.1	9
16	Inverse Agonism of SQ 29,548 and Ramatroban on Thromboxane A2 Receptor. PLoS ONE, 2014, 9, e85937.	2.5	9
17	Differential BMP Signaling Mediates the Interplay Between Genetics and Leaflet Numbers in Aortic Valve Calcification. JACC Basic To Translational Science, 2022, 7, 333-345.	4.1	6
18	Characterization of GPCR signaling in hypoxia. Methods in Cell Biology, 2017, 142, 101-110.	1.1	5

#	Article	IF	Citations
19	High-Level Expression, Purification and Characterization of a Constitutively Active Thromboxane A2 Receptor Polymorphic Variant. PLoS ONE, 2013, 8, e76481.	2.5	5
20	Determinants of physical and functional coupling between Thromboxane A2 receptor and GÎ±q. FASEB Journal, 2013, 27, 1031.20.	0.5	0