

Salvatore Mancarella

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,589
citations

516710

16
h-index

477307

29
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30
all docs

30
docs citations

30
times ranked

2079
citing authors

#	ARTICLE	IF	CITATIONS
1	The Calcium Store Sensor, STIM1, Reciprocally Controls Orai and Ca ^v 1.2 Channels. <i>Science</i> , 2010, 330, 105-109.	12.6	309
2	Stabilization of cardiac ryanodine receptor prevents intracellular calcium leak and arrhythmias. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7906-7910.	7.1	209
3	Distinct Orai-coupling domains in STIM1 and STIM2 define the Orai-activating site. <i>Nature Communications</i> , 2014, 5, 3183.	12.8	140
4	Promotion of regeneration of corticospinal tract axons in rats with recombinant vascular endothelial growth factor alone and combined with adenovirus coding for this factor. <i>Journal of Neurosurgery</i> , 2002, 97, 161-168.	1.6	135
5	STIM protein coupling in the activation of Orai channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7391-7396.	7.1	121
6	The Short N-terminal Domains of STIM1 and STIM2 Control the Activation Kinetics of Orai1 Channels. <i>Journal of Biological Chemistry</i> , 2009, 284, 19164-19168.	3.4	97
7	Targeted STIM deletion impairs calcium homeostasis, NFAT activation, and growth of smooth muscle. <i>FASEB Journal</i> , 2013, 27, 893-906.	0.5	67
8	Gene disruption of the calcium channel Orai1 results in inhibition of osteoclast and osteoblast differentiation and impairs skeletal development. <i>Laboratory Investigation</i> , 2012, 92, 1071-1083.	3.7	62
9	Congenital heart block: Identification of autoantibody binding site on the extracellular loop (domain) Tj ETQq1 1 0.784314 rgBT /Over 6.5 59	0.784314	59
10	Impaired Ca ²⁺ homeostasis is associated with atrial fibrillation in the $\hat{\pm}$ 1D L-type Ca ²⁺ channel KO mouse. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 295, H2017-H2024.	3.2	53
11	Hypoxia-induced Acidosis Uncouples the STIM-Orai Calcium Signaling Complex*. <i>Journal of Biological Chemistry</i> , 2011, 286, 44788-44798.	3.4	51
12	Sugar-Induced Modification of Fibroblast Growth Factor 2 Reduces Its Angiogenic Activity in Vivo. <i>American Journal of Pathology</i> , 2002, 161, 531-541.	3.8	46
13	Rescue and Worsening of Congenital Heart Block-Associated Electrocardiographic Abnormalities in Two Transgenic Mice. <i>Journal of Cardiovascular Electrophysiology</i> , 2011, 22, 922-930.	1.7	38
14	STIM1-dependent Ca ²⁺ microdomains are required for myofilament remodeling and signaling in the heart. <i>Scientific Reports</i> , 2016, 6, 25372.	3.3	38
15	Myofibroblast secretome and its auto-/paracrine signaling. <i>Expert Review of Cardiovascular Therapy</i> , 2016, 14, 591-598.	1.5	25
16	Calcium Signals: STIM Dynamics Mediate Spatially Unique Oscillations. <i>Current Biology</i> , 2009, 19, R950-R952.	3.9	17
17	Silencing of Cav1.2 gene in neonatal cardiomyocytes by lentiviral delivered shRNA. <i>Biochemical and Biophysical Research Communications</i> , 2009, 384, 409-414.	2.1	16
18	TREK-1 protects the heart against ischemia-reperfusion-induced injury and from adverse remodeling after myocardial infarction. <i>Pflügers Archiv European Journal of Physiology</i> , 2019, 471, 1263-1272.	2.8	13

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19	STIM1 senses both Ca ²⁺ and heat. <i>Nature Chemical Biology</i> , 2011, 7, 344-345.	8.0	12
20	Identification of novel transplantable GPCR recycling motif for drug discovery. <i>Biochemical Pharmacology</i> , 2016, 120, 22-32.	4.4	12
21	Cardiac-specific Deletion of Orai3 Leads to Severe Dilated Cardiomyopathy and Heart Failure in Mice. <i>Journal of the American Heart Association</i> , 2021, 10, e019486.	3.7	12
22	Atrophied cardiomyocytes and their potential for rescue and recovery of ventricular function. <i>Heart Failure Reviews</i> , 2016, 21, 191-198.	3.9	11
23	Elevated plasma catecholamines functionally compensate for the reduced myogenic tone in smooth muscle STIM1 knockout mice but with deleterious cardiac effects. <i>Cardiovascular Research</i> , 2018, 114, 668-678.	3.8	11
24	New mouse model of pulmonary hypertension induced by respiratory syncytial virus bronchiolitis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H581-H589.	3.2	10
25	Long-term Blood Pressure Measurement in Freely Moving Mice Using Telemetry. <i>Journal of Visualized Experiments</i> , 2016, , .	0.3	9
26	Novel Paradigms Governing β_1 -Adrenergic Receptor Trafficking in Primary Adult Rat Cardiac Myocytes. <i>Molecular Pharmacology</i> , 2018, 94, 862-875.	2.3	8
27	Paradoxical Effect of Dofetilide on Action Potential Duration and Calcium Transient Amplitude in Newborn Rabbit Ventricular Myocytes. <i>Journal of Cardiovascular Pharmacology</i> , 2005, 45, 165-174.	1.9	5
28	Deficiency in ST2 signaling ameliorates RSV-associated pulmonary hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 321, H309-H317.	3.2	2
29	Critical Role for the Calcium-Release Activated Calcium Channel Orai1 In RANKL-Stimulated Osteoclast Formation From Monocytic Cells. <i>Blood</i> , 2010, 116, 928-928.	1.4	1
30	Silencing of Cav1.2 gene in Rat Neonatal Cardiomyocytes by Lentiviral delivered shRNA. <i>Biophysical Journal</i> , 2009, 96, 180a-181a.	0.5	0