

Maria A Spassova

List of Publications by Year in descending order

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12
papers

1,743
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1763
citing authors

#	ARTICLE	IF	CITATIONS
1	Orai1 and STIM Reconstitute Store-operated Calcium Channel Function. <i>Journal of Biological Chemistry</i> , 2006, 281, 20661-20665.	3.4	490
2	A common mechanism underlies stretch activation and receptor activation of TRPC6 channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16586-16591.	7.1	436
3	STIM1 has a plasma membrane role in the activation of store-operated Ca ²⁺ channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 4040-4045.	7.1	286
4	STIM2 Is an Inhibitor of STIM1-Mediated Store-Operated Ca ²⁺ Entry. <i>Current Biology</i> , 2006, 16, 1465-1470.	3.9	223
5	Calcium entry mediated by SOCs and TRP channels: variations and enigma. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2004, 1742, 9-20.	4.1	91
6	Evidence That Rapid Vesicle Replenishment of the Synaptic Ribbon Mediates Recovery from Short-Term Adaptation at the Hair Cell Afferent Synapse. <i>JARO - Journal of the Association for Research in Otolaryngology</i> , 2004, 5, 376-390.	1.8	78
7	Calcium signals mediated by STIM and Orai proteinsâ€”A new paradigm in inter-organelle communication. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2006, 1763, 1161-1168.	4.1	75
8	SIGNAL TRANSDUCTION: Calcium Entry Signals--Trickles and Torrents. <i>Science</i> , 2006, 313, 183-184.	12.6	18
9	Voltage Gating at the Selectivity Filter of the Ca ²⁺ Release-activated Ca ²⁺ Channel Induced by Mutation of the Orai1 Protein. <i>Journal of Biological Chemistry</i> , 2008, 283, 14938-14945.	3.4	17
10	Doseâ€”response analysis of bromateâ€”induced DNA damage and mutagenicity is consistent with lowâ€”dose linear, nonthreshold processes. <i>Environmental and Molecular Mutagenesis</i> , 2013, 54, 19-35.	2.2	13
11	Kinetic Modeling Reveals the Roles of Reactive Oxygen Species Scavenging and DNA Repair Processes in Shaping the Dose-Response Curve of KBrO ₃ -Induced DNA Damage. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-12.	4.0	10
12	Statistical Approach to Identify Threshold and Point of Departure in Doseâ€”Response Data. <i>Risk Analysis</i> , 2019, 39, 940-956.	2.7	6