

Mark R Tanner

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

543
citations

623574

14
h-index

887953

17
g-index

17
all docs

17
docs citations

17
times ranked

950
citing authors

#	ARTICLE	IF	CITATIONS
1	AAV-CRISPR Gene Editing Is Negated by Pre-existing Immunity to Cas9. <i>Molecular Therapy</i> , 2020, 28, 1432-1441.	3.7	140
2	A potent and Kv1.3-selective analogue of the scorpion toxin HsTX1 as a potential therapeutic for autoimmune diseases. <i>Scientific Reports</i> , 2014, 4, 4509.	1.6	73
3	Prolonged immunomodulation in inflammatory arthritis using the selective Kv1.3 channel blocker HsTX1 [R14A] and its PEGylated analog. <i>Clinical Immunology</i> , 2017, 180, 45-57.	1.4	50
4	Differences in ion channel phenotype and function between humans and animal models. <i>Frontiers in Bioscience - Landmark</i> , 2018, 23, 43-64.	3.0	34
5	The cation channel Trpv2 is a new suppressor of arthritis severity, joint damage, and synovial fibroblast invasion. <i>Clinical Immunology</i> , 2015, 158, 183-192.	1.4	33
6	Preferential uptake of antioxidant carbon nanoparticles by T lymphocytes for immunomodulation. <i>Scientific Reports</i> , 2016, 6, 33808.	1.6	32
7	KCa1.1 Inhibition Attenuates Fibroblast-like Synoviocyte Invasiveness and Ameliorates Disease in Rat Models of Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2015, 67, 96-106.	2.9	29
8	Structural Plasticity of the Coiled-Coil Domain of Rotavirus NSP4. <i>Journal of Virology</i> , 2014, 88, 13602-13612.	1.5	22
9	KCa1.1 channels regulate \hat{I}^2 integrin function and cell adhesion in rheumatoid arthritis fibroblast-like synoviocytes. <i>FASEB Journal</i> , 2017, 31, 3309-3320.	0.2	22
10	Different expression of \hat{I}^2 subunits of the KCa1.1 channel by invasive and non-invasive human fibroblast-like synoviocytes. <i>Arthritis Research and Therapy</i> , 2016, 18, 103.	1.6	21
11	Targeting KCa1.1 Channels with a Scorpion Venom Peptide for the Therapy of Rat Models of Rheumatoid Arthritis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 365, 227-236.	1.3	20
12	Functional KCa1.1 channels are crucial for regulating the proliferation, migration and differentiation of human primary skeletal myoblasts. <i>Cell Death and Disease</i> , 2016, 7, e2426-e2426.	2.7	19
13	KCa1.1 and Kv1.3 channels regulate the interactions between fibroblast-like synoviocytes and T lymphocytes during rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2019, 21, 6.	1.6	19
14	Modulation of Lymphocyte Potassium Channel $K_{V}1.3$ by Membrane-Penetrating, Joint-Targeting Immunomodulatory Plant Defensin. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 720-736.	2.5	18
15	Changes in Gene Expression and Metabolism in the Testes of the Rat following Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2017, 34, 1175-1186.	1.7	7
16	Antioxidant Carbon Nanoparticles Inhibit Fibroblast-Like Synoviocyte Invasiveness and Reduce Disease Severity in a Rat Model of Rheumatoid Arthritis. <i>Antioxidants</i> , 2020, 9, 1005.	2.2	3