

Kristyn Gumpper

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

613
citations

686830

13
h-index

676716

22
g-index

30
all docs

30
docs citations

30
times ranked

2904
citing authors

#	ARTICLE	IF	CITATIONS
1	MG53-mediated cell membrane repair protects against acute kidney injury. <i>Science Translational Medicine</i> , 2015, 7, 279ra36.	5.8	103
2	Biological Functions and Therapeutic Potential of Lipocalin 2 in Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4365.	1.8	78
3	Lysosomal Two-pore Channel Subtype 2 (TPC2) Regulates Skeletal Muscle Autophagic Signaling. <i>Journal of Biological Chemistry</i> , 2015, 290, 3377-3389.	1.6	69
4	Reconstituted Human Myosin Light Chain Phosphatase Reveals Distinct Roles of Two Inhibitory Phosphorylation Sites of the Regulatory Subunit, MYPT1. <i>Biochemistry</i> , 2014, 53, 2701-2709.	1.2	59
5	Sustained elevation of MG53 in the bloodstream increases tissue regenerative capacity without compromising metabolic function. <i>Nature Communications</i> , 2019, 10, 4659.	5.8	47
6	The TRIM protein Mitsugumin 53 enhances survival and therapeutic efficacy of stem cells in murine traumatic brain injury. <i>Stem Cell Research and Therapy</i> , 2019, 10, 352.	2.4	40
7	MG53 suppresses interferon- γ and inflammation via regulation of ryanodine receptor-mediated intracellular calcium signaling. <i>Nature Communications</i> , 2020, 11, 3624.	5.8	32
8	3D multifocus astigmatism and compressed sensing (3D MACS) based superresolution reconstruction. <i>Biomedical Optics Express</i> , 2015, 6, 902.	1.5	29
9	MicroRNA regulation of autophagy in cardiovascular disease. <i>Frontiers in Bioscience - Landmark</i> , 2017, 22, 48-65.	3.0	23
10	MG53 Protein Protects Aortic Valve Interstitial Cells From Membrane Injury and Fibrocalcific Remodeling. <i>Journal of the American Heart Association</i> , 2019, 8, e009960.	1.6	19
11	Fast two-dimensional super-resolution image reconstruction algorithm for ultra-high emitter density. <i>Optics Letters</i> , 2015, 40, 2989.	1.7	18
12	MG53 preserves mitochondrial integrity of cardiomyocytes during ischemia reperfusion-induced oxidative stress. <i>Redox Biology</i> , 2022, 54, 102357.	3.9	17
13	Superresolution microscope image reconstruction by spatiotemporal object decomposition and association: application in resolving t-tubule structure in skeletal muscle. <i>Optics Express</i> , 2014, 22, 12160.	1.7	16
14	Biomarkers of Chronic Pancreatitis: A systematic literature review. <i>Pancreatology</i> , 2021, 21, 323-333.	0.5	16
15	Lipocalin-2 expression and function in pancreatic diseases. <i>Pancreatology</i> , 2020, 20, 419-424.	0.5	14
16	Skeletal Muscle Lysosomal Function via Cathepsin Activity Measurement. <i>Methods in Molecular Biology</i> , 2017, 1854, 35-43.	0.4	10
17	Assessment of Calcium Sparks in Intact Skeletal Muscle Fibers. <i>Journal of Visualized Experiments</i> , 2014, , e50898.	0.2	9
18	Delayed Processing of Secretin-Induced Pancreas Fluid Influences the Quality and Integrity of Proteins and Nucleic Acids. <i>Pancreas</i> , 2021, 50, 17-28.	0.5	4

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19	Altered Plasma Fatty Acid Abundance Is Associated with Cachexia in Treatment-Naïve Pancreatic Cancer. <i>Cells</i> , 2022, 11, 910.	1.8	4
20	A novel organ preservation solution with efficient clearance of red blood cells improves kidney transplantation in a canine model. <i>Cell and Bioscience</i> , 2018, 8, 28.	2.1	3
21	TRIM Family Proteins in Intracellular Vesicle Trafficking. <i>Biophysical Journal</i> , 2017, 112, 239a.	0.2	1
22	Superresolution Microscopy Reveals Nanometer-Scale Reorganization of MG53 Associated with Membrane Repair. <i>Biophysical Journal</i> , 2014, 106, 633a.	0.2	0
23	Superresolution Microscope Image Reconstruction by Spatiotemporal Object Decomposition and Association: Application in Resolving T-Tubule Structure in Skeletal Muscle. <i>Biophysical Journal</i> , 2015, 108, 267a.	0.2	0
24	Fast Two Dimensional Superresolution Image Reconstruction Algorithm for Ultrahigh Emitter Density. <i>Biophysical Journal</i> , 2016, 110, 170a.	0.2	0
25	MG53 Interacts with Cardiolipin to Protect Mitochondria from Ischemia-Reperfusion Induced Oxidative Stress. <i>Biophysical Journal</i> , 2017, 112, 102a.	0.2	0
26	MG29 Interacts with Bin1 for Maintaining T-Tubule Structure in Skeletal Muscle Physiology and Regeneration. <i>Biophysical Journal</i> , 2017, 112, 118a.	0.2	0