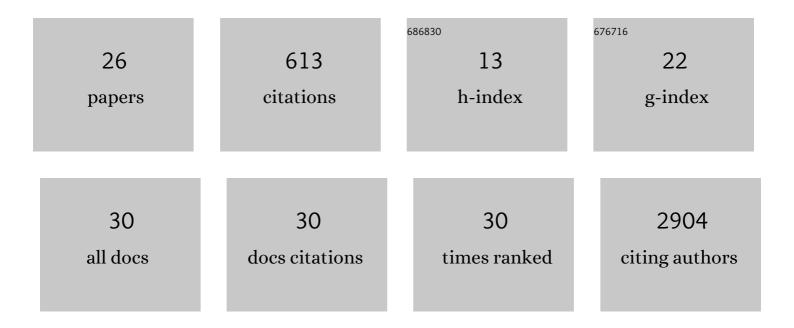
Kristyn Gumpper

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	MG53-mediated cell membrane repair protects against acute kidney injury. Science Translational Medicine, 2015, 7, 279ra36.	5.8	103
2	Biological Functions and Therapeutic Potential of Lipocalin 2 in Cancer. International Journal of Molecular Sciences, 2020, 21, 4365.	1.8	78
3	Lysosomal Two-pore Channel Subtype 2 (TPC2) Regulates Skeletal Muscle Autophagic Signaling. Journal of Biological Chemistry, 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. Biochemistry, 2014, 53, 2701-2709.	1.2	59
5	Sustained elevation of MG53 in the bloodstream increases tissue regenerative capacity without compromising metabolic function. Nature Communications, 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. Stem Cell Research and Therapy, 2019, 10, 352.	2.4	40
7	MG53 suppresses interferon-l² and inflammation via regulation of ryanodine receptor-mediated intracellular calcium signaling. Nature Communications, 2020, 11, 3624.	5.8	32
8	3D multifocus astigmatism and compressed sensing (3D MACS) based superresolution reconstruction. Biomedical Optics Express, 2015, 6, 902.	1.5	29
9	MicroRNA regulation of autophagy in cardiovascular disease. Frontiers in Bioscience - Landmark, 2017, 22, 48-65.	3.0	23
10	MG53 Protein Protects Aortic Valve Interstitial Cells From Membrane Injury and Fibrocalcific Remodeling. Journal of the American Heart Association, 2019, 8, e009960.	1.6	19
11	Fast two-dimensional super-resolution image reconstruction algorithm for ultra-high emitter density. Optics Letters, 2015, 40, 2989.	1.7	18
12	MG53 preserves mitochondrial integrity of cardiomyocytes during ischemia reperfusion-induced oxidative stress. Redox Biology, 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. Optics Express, 2014, 22, 12160.	1.7	16
14	Biomarkers of Chronic Pancreatitis: A systematic literature review. Pancreatology, 2021, 21, 323-333.	0.5	16
15	Lipocalin-2 expression and function in pancreatic diseases. Pancreatology, 2020, 20, 419-424.	0.5	14
16	Skeletal Muscle Lysosomal Function via Cathepsin Activity Measurement. Methods in Molecular Biology, 2017, 1854, 35-43.	0.4	10
17	Assessment of Calcium Sparks in Intact Skeletal Muscle Fibers. Journal of Visualized Experiments, 2014, , e50898.	0.2	9
18	Delayed Processing of Secretin-Induced Pancreas Fluid Influences the Quality and Integrity of Proteins and Nucleic Acids. Pancreas, 2021, 50, 17-28.	0.5	4

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#	Article	IF	CITATIONS
19	Altered Plasma Fatty Acid Abundance Is Associated with Cachexia in Treatment-NaÃ ⁻ ve Pancreatic Cancer. Cells, 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. Cell and Bioscience, 2018, 8, 28.	2.1	3
21	TRIM Family Proteins in Intracellular Vesicle Trafficking. Biophysical Journal, 2017, 112, 239a.	0.2	1
22	Superresolution Microscopy Reveals Nanometer-Scale Reorganization of MG53 Associated with Membrane Repair. Biophysical Journal, 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. Biophysical Journal, 2015, 108, 267a.	0.2	0
24	Fast Two Dimensional Superresolution Image Reconstruction Algorithm for Ultrahigh Emitter Density. Biophysical Journal, 2016, 110, 170a.	0.2	0
25	MG53 Interacts with Cardiolipin to Protect Mitochondria from Ischemia-Reperfusion Induced Oxidative Stress. Biophysical Journal, 2017, 112, 102a.	0.2	0
26	MG29 Interacts with Bin1 for Maintaining T-Tubule Structure in Skeletal Muscle Physiology and Regeneration. Biophysical Journal, 2017, 112, 118a.	0.2	0