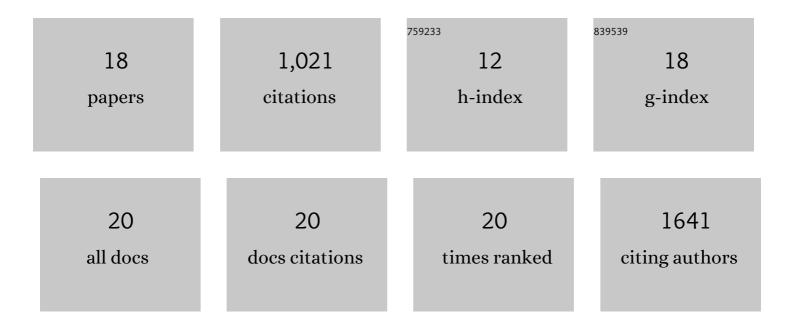
Matthew A Caporizzo

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7180027/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Transcriptional, Post-Transcriptional, and Post-Translational Mechanisms Rewrite the Tubulin Code During Cardiac Hypertrophy and Failure. Frontiers in Cell and Developmental Biology, 2022, 10, 837486.	3.7	8
2	Cochlear supporting cells require GAS2 for cytoskeletal architecture and hearing. Developmental Cell, 2021, 56, 1526-1540.e7.	7.0	18
3	Pathogenic LMNA variants disrupt cardiac lamina-chromatin interactions and de-repress alternative fate genes. Cell Stem Cell, 2021, 28, 938-954.e9.	11.1	61
4	Need for Speed: The Importance of Physiological Strain Rates in Determining Myocardial Stiffness. Frontiers in Physiology, 2021, 12, 696694.	2.8	16
5	Truncated titin proteins in dilated cardiomyopathy. Science Translational Medicine, 2021, 13, eabd7287.	12.4	39
6	Processivity and Velocity for Motors Stepping onÂPeriodic Tracks. Biophysical Journal, 2020, 118, 1537-1551.	0.5	6
7	Microtubules Increase Diastolic Stiffness in Failing Human Cardiomyocytes and Myocardium. Circulation, 2020, 141, 902-915.	1.6	63
8	Depletion of Vasohibin 1 Speeds Contraction and Relaxation in Failing Human Cardiomyocytes. Circulation Research, 2020, 127, e14-e27.	4.5	32
9	Cardiac microtubules in health and heart disease. Experimental Biology and Medicine, 2019, 244, 1255-1272.	2.4	72
10	The Antiparallel Dimerization of Myosin X Imparts Bundle Selectivity for Processive Motility. Biophysical Journal, 2018, 114, 1400-1410.	0.5	12
11	Suppression of detyrosinated microtubules improves cardiomyocyte function in human heart failure. Nature Medicine, 2018, 24, 1225-1233.	30.7	191
12	Intracellular nanoparticle dynamics affected by cytoskeletal integrity. Soft Matter, 2017, 13, 1873-1880.	2.7	44
13	Competitive Adsorption of Polyelectrolytes onto and into Pellicle-Coated Hydroxyapatite Investigated by QCM-D and Force Spectroscopy. ACS Applied Materials & (1), 1), 13079-13091.	8.0	16
14	Network confinement and heterogeneity slows nanoparticle diffusion in polymer gels. Journal of Chemical Physics, 2017, 146, 203318.	3.0	58
15	Detyrosinated microtubules buckle and bear load in contracting cardiomyocytes. Science, 2016, 352, aaf0659.	12.6	251
16	Nano-rheology of hydrogels using direct drive force modulation atomic force microscopy. Soft Matter, 2015, 11, 8165-8178.	2.7	78
17	Gold Nanorod Linking to Control Plasmonic Properties in Solution and Polymer Nanocomposites. Langmuir, 2014, 30, 1906-1914.	3.5	47
18	Nanoscale Topography Mediates the Adhesion of F-Actin. Langmuir, 2012, 28, 12216-12224.	3.5	8