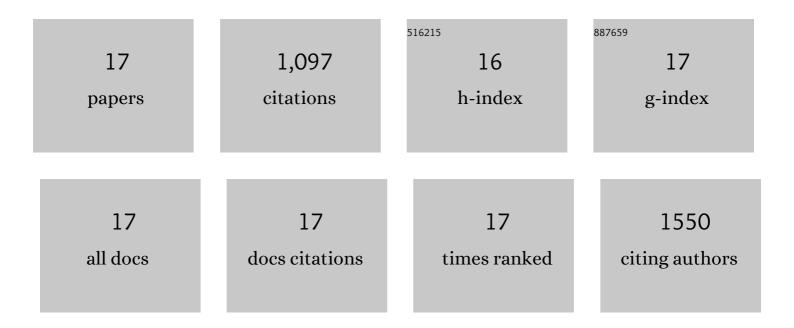
TomÃ;Å; Mazel

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8060781/publications.pdf Version: 2024-02-01



Τομᾶ:ᡭ: Μαζει

#	ARTICLE	IF	CITATIONS
1	Optogenetic Tuning Reveals Rho Amplification-Dependent Dynamics of a Cell Contraction Signal Network. Cell Reports, 2020, 33, 108467.	2.9	31
2	Crosstalk of cell polarity signaling pathways. Protoplasma, 2017, 254, 1241-1258.	1.0	14
3	An excitable Rho GTPase signaling network generates dynamic subcellular contraction patterns. Journal of Cell Biology, 2017, 216, 4271-4285.	2.3	88
4	System with embedded drug release and nanoparticle degradation sensor showing efficient rifampicin delivery into macrophages. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 307-315.	1.7	38
5	Reproduction of the FC/DFC units in nucleoli. Nucleus, 2016, 7, 203-215.	0.6	18
6	Direct observation of microtubule pushing by cortical dynein in living cells. Molecular Biology of the Cell, 2014, 25, 95-106.	0.9	19
7	RabGEFs are a major determinant for specific Rab membrane targeting. Journal of Cell Biology, 2013, 200, 287-300.	2.3	166
8	Stochastic Modeling of Calcium in 3D Geometry. Biophysical Journal, 2009, 96, 1691-1706.	0.2	24
9	Reaction Diffusion Modeling of Calcium Dynamics with Realistic ER Geometry. Biophysical Journal, 2006, 91, 537-557.	0.2	99
10	Reduced extracellular space in the brain of tenascin-R- and HNK-1-sulphotransferase deficient mice. European Journal of Neuroscience, 2005, 22, 1873-1880.	1.2	66
11	Changes in extracellular space size and geometry in APP23 transgenic mice: A model of Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 479-484.	3.3	107
12	Dysregulated FcεRI Signaling and Altered Fyn and SHIP Activities in Lyn-Deficient Mast Cells. Journal of Immunology, 2004, 173, 100-112.	0.4	120
13	Independence of extracellular tortuosity and volume fraction during osmotic challenge in rat neocortex. Journal of Physiology, 2002, 542, 515-527.	1.3	69
14	Effect of elevated K+, hypotonic stress, and cortical spreading depression on astrocyte swelling in GFAP-deficient mice. Glia, 2001, 35, 189-203.	2.5	61
15	Extracellular space diffusion and pathological states. Progress in Brain Research, 2000, 125, 155-178.	0.9	56
16	Long distance signalling in volume transmission. Focus on clearance mechanisms. Progress in Brain Research, 2000, 125, 399-413.	0.9	22
17	Diffusion constraints and neuron–glia interaction during aging. Experimental Gerontology, 1998, 33, 837-851.	1.2	99