

Mirko Himmel

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,633
citations

516710

16
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

2507
citing authors

#	ARTICLE	IF	CITATIONS
1	Degrading Devices: Invadosomes in Proteolytic Cell Invasion. <i>Annual Review of Cell and Developmental Biology</i> , 2011, 27, 185-211.	9.4	330
2	A Mutation in the Dimerization Domain of Filamin C Causes a Novel Type of Autosomal Dominant Myofibrillar Myopathy. <i>American Journal of Human Genetics</i> , 2005, 77, 297-304.	6.2	268
3	Indications for a Novel Muscular Dystrophy Pathway. <i>Journal of Cell Biology</i> , 2000, 151, 235-248.	5.2	172
4	KIF5B and KIF3A/KIF3B kinesins drive MT1-MMP surface exposure, CD44 shedding, and extracellular matrix degradation in primary macrophages. <i>Blood</i> , 2010, 116, 1559-1569.	1.4	125
5	Muscle-type Creatine Kinase Interacts with Central Domains of the M-band Proteins Myomesin and M-protein. <i>Journal of Molecular Biology</i> , 2003, 332, 877-887.	4.2	88
6	Xin repeats define a novel actin-binding motif. <i>Journal of Cell Science</i> , 2004, 117, 5257-5268.	2.0	83
7	Structural Determinants of Integrin Binding to the Talin Rod. <i>Journal of Biological Chemistry</i> , 2009, 284, 8866-8876.	3.4	73
8	Dimerisation of Myomesin: Implications for the Structure of the Sarcomeric M-band. <i>Journal of Molecular Biology</i> , 2005, 345, 289-298.	4.2	69
9	The Limits of Promiscuity: Isoform-Specific Dimerization of Filamins. <i>Biochemistry</i> , 2003, 42, 430-439.	2.5	64
10	Proteomic analysis of podosome fractions from macrophages reveals similarities to spreading initiation centres. <i>European Journal of Cell Biology</i> , 2012, 91, 908-922.	3.6	62
11	The Formins FMNL1 and mDia1 Regulate Coiling Phagocytosis of <i>Borrelia burgdorferi</i> by Primary Human Macrophages. <i>Infection and Immunity</i> , 2013, 81, 1683-1695.	2.2	54
12	The kinesin KIF9 and reggie/flotillin proteins regulate matrix degradation by macrophage podosomes. <i>Molecular Biology of the Cell</i> , 2011, 22, 202-215.	2.1	52
13	The pathomechanism of filaminopathy: altered biochemical properties explain the cellular phenotype of a protein aggregation myopathy. <i>Human Molecular Genetics</i> , 2007, 16, 1351-1358.	2.9	49
14	The Vinculin ^{fl} In20/21 Mouse: Characteristics of a Constitutive, Actin-Binding Deficient Splice Variant of Vinculin. <i>PLoS ONE</i> , 2010, 5, e11530.	2.5	41
15	Control of High Affinity Interactions in the Talin C Terminus. <i>Journal of Biological Chemistry</i> , 2009, 284, 13832-13842.	3.4	38
16	Phosphorylation of CRN2 by CK2 regulates F-actin and Arp2/3 interaction and inhibits cell migration. <i>Scientific Reports</i> , 2012, 2, 241.	3.3	34
17	Lysophosphatidylcholine-mediated functional inactivation of syndecan-4 results in decreased adhesion and motility of dendritic cells. <i>Journal of Cellular Physiology</i> , 2010, 225, 905-914.	4.1	15
18	Differences in epidemic spread patterns of norovirus and influenza seasons of Germany: an application of optical flow analysis in epidemiology. <i>Scientific Reports</i> , 2020, 10, 14125.	3.3	8

#	ARTICLE	IF	CITATIONS
19	Metavinculin: New insights into functional properties of a muscle adhesion protein. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 7-13.	2.1	7
20	Can everyone help verify the bioweapons convention? Perhaps, via open source monitoring. <i>Bulletin of the Atomic Scientists</i> , 2016, 72, 412-417.	0.6	1