

Marleen Van Troys

List of Publications by Year in descending order

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31
papers

893
citations

623734

14
h-index

477307

29
g-index

32
all docs

32
docs citations

32
times ranked

1531
citing authors

#	ARTICLE	IF	CITATIONS
1	Ins and outs of ADF/cofilin activity and regulation. <i>European Journal of Cell Biology</i> , 2008, 87, 649-667.	3.6	287
2	Taking Aim at Moving Targets in Computational Cell Migration. <i>Trends in Cell Biology</i> , 2016, 26, 88-110.	7.9	100
3	The XTT Cell Proliferation Assay Applied to Cell Layers Embedded in Three-Dimensional Matrix. <i>Assay and Drug Development Technologies</i> , 2012, 10, 382-392.	1.2	69
4	Tauroursodeoxycholic acid dampens oncogenic apoptosis induced by endoplasmic reticulum stress during hepatocarcinogen exposure. <i>Oncotarget</i> , 2015, 6, 28011-28025.	1.8	36
5	TetraThymosin β 15 Is Required for Actin Dynamics in <i>Caenorhabditis elegans</i> and Acts via Functionally Different Actin-binding Repeats. <i>Molecular Biology of the Cell</i> , 2004, 15, 4735-4748.	2.1	35
6	Maillard conjugation of whey protein isolate with water-soluble fraction of almond gum or flaxseed mucilage by dry heat treatment. <i>Food Research International</i> , 2020, 128, 108779.	6.2	35
7	An end-to-end software solution for the analysis of high-throughput single-cell migration data. <i>Scientific Reports</i> , 2017, 7, 42383.	3.3	30
8	Mammalian Actins: Isoform-Specific Functions and Diseases. <i>Handbook of Experimental Pharmacology</i> , 2016, 235, 1-37.	1.8	28
9	Structural requirements for thymosin β 4 in its contact with actin. <i>FEBS Journal</i> , 2000, 267, 3530-3538.	0.2	26
10	An open data ecosystem for cell migration research. <i>Trends in Cell Biology</i> , 2015, 25, 55-58.	7.9	26
11	Combination of EGFR Inhibitor Lapatinib and MET Inhibitor Foretinib Inhibits Migration of Triple Negative Breast Cancer Cell Lines. <i>Cancers</i> , 2018, 10, 335.	3.7	26
12	Inhibitory cortactin nanobodies delineate the role of NTA β and SH3 β domain β specific functions during invadopodium formation and cancer cell invasion. <i>FASEB Journal</i> , 2017, 31, 2460-2476.	0.5	22
13	Cross-Linking Furan-Modified Kisspeptin-10 to the KISS Receptor. <i>ACS Chemical Biology</i> , 2017, 12, 2191-2200.	3.4	20
14	Surveillance of Myelodysplastic Syndrome via Migration Analyses of Blood Neutrophils: A Potential Prognostic Tool. <i>Journal of Immunology</i> , 2018, 201, 3546-3557.	0.8	17
15	p210 bcr β abl induces amoeboid motility by recruiting ADF/destrin through RhoA/ROCK1. <i>FASEB Journal</i> , 2013, 27, 123-134.	0.5	16
16	The Mouse Thymosin Beta15 Gene Family Displays Unique Complexity and Encodes A Functional Thymosin Repeat. <i>Journal of Molecular Biology</i> , 2009, 387, 809-825.	4.2	14
17	CellMissy: a tool for management, storage and analysis of cell migration data produced in wound healing-like assays. <i>Bioinformatics</i> , 2013, 29, 2661-2663.	4.1	12
18	Expanding the Interactome of TES by Exploiting TES Modules with Different Subcellular Localizations. <i>Journal of Proteome Research</i> , 2017, 16, 2054-2071.	3.7	12

#	ARTICLE	IF	CITATIONS
19	Community standards for open cell migration data. <i>GigaScience</i> , 2020, 9, .	6.4	12
20	A new evolutionary model for the vertebrate actin family including two novel groups. <i>Molecular Phylogenetics and Evolution</i> , 2019, 141, 106632.	2.7	10
21	Prevalence of Cytoplasmic Actin Mutations in Diffuse Large B-Cell Lymphoma and Multiple Myeloma: A Functional Assessment Based on Actin Three-Dimensional Structures. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3093.	4.1	10
22	Active invadopodia of mesenchymally migrating cancer cells contain both β 2 and β 3 cytoplasmic actin isoforms. <i>Experimental Cell Research</i> , 2015, 339, 206-219.	2.6	9
23	β 2-Agonists Selectively Modulate Proinflammatory Gene Expression in Skeletal Muscle Cells via Non-Canonical Nuclear Crosstalk Mechanisms. <i>PLoS ONE</i> , 2014, 9, e90649.	2.5	8
24	Delineating the Tes Interaction Site in Zyxin and Studying Cellular Effects of Its Disruption. <i>PLoS ONE</i> , 2015, 10, e0140511.	2.5	7
25	The PET and LIM1-2 domains of testin contribute to intramolecular and homodimeric interactions. <i>PLoS ONE</i> , 2017, 12, e0177879.	2.5	6
26	Cancer type-specific alterations in actin genes: Worth a closer look?. <i>International Review of Cell and Molecular Biology</i> , 2021, 360, 133-184.	3.2	5
27	Furan warheads for covalent trapping of weak protein-protein interactions: cross-linking of thymosin β 4 to actin. <i>Chemical Communications</i> , 2021, 57, 6054-6057.	4.1	5
28	Analysis of Invasion Dynamics of Matrix-Embedded Cells in a Multisample Format. <i>Methods in Molecular Biology</i> , 2018, 1749, 79-117.	0.9	4
29	Innovative mouse models for the tumor suppressor activity of Protocadherin-10 isoforms. <i>BMC Cancer</i> , 2022, 22, 451.	2.6	2
30	DoRes within CellMissy: dose-response analysis on cell migration and related data. <i>Bioinformatics</i> , 2019, 35, 696-697.	4.1	1
31	Furan Cross-Linking Technology for Investigating GPCR-Ligand Interactions. <i>Methods in Molecular Biology</i> , 2019, 1947, 81-102.	0.9	0