

# Melanie Boerries

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4153107/publications.pdf>

Version: 2024-02-01

140  
papers

6,297  
citations

57758

44  
h-index

88630

70  
g-index

145  
all docs

145  
docs citations

145  
times ranked

10692  
citing authors

#	ARTICLE	IF	CITATIONS
1	Therapeutic targeting of endoplasmic reticulum stress in acute graft-&i&gt;versus&i&gt;-host disease. <i>Haematologica</i> , 2022, 107, 1538-1554.	3.5	3
2	Gain-of-function mutations in RPA1 cause a syndrome with short telomeres and somatic genetic rescue. <i>Blood</i> , 2022, 139, 1039-1051.	1.4	29
3	Dysregulated PI3K Signaling in B Cells of COVID Patients. <i>Cells</i> , 2022, 11, 464.	4.1	6
4	Immunopathology caused by impaired CD8 <sup>+</sup> T cell responses. <i>European Journal of Immunology</i> , 2022, 52, 1390-1395.	2.9	3
5	Canonical TGF $\beta$ 2 signaling induces collective invasion in colorectal carcinogenesis through a Snail1- and Zeb1-independent partial EMT. <i>Oncogene</i> , 2022, 41, 1492-1506.	5.9	10
6	T-cell dysfunction in the glioblastoma microenvironment is mediated by myeloid cells releasing interleukin-10. <i>Nature Communications</i> , 2022, 13, 925.	12.8	104
7	Molecular consequences of SARS-CoV-2 liver tropism. <i>Nature Metabolism</i> , 2022, 4, 310-319.	11.9	98
8	Searching of Clinical Trials Made Easier in cBioPortal Using Patients' Genetic and Clinical Profiles. <i>Applied Clinical Informatics</i> , 2022, 13, 363-369.	1.7	6
9	Spontaneous activity of the mitochondrial apoptosis pathway drives chromosomal defects, the appearance of micronuclei and cancer metastasis through the Caspase-Activated DNase. <i>Cell Death and Disease</i> , 2022, 13, 315.	6.3	14
10	Progressive liver, kidney, and heart degeneration in children and adults affected by TULP3 mutations. <i>American Journal of Human Genetics</i> , 2022, 109, 928-943.	6.2	22
11	Early PSA Change after [177Lu]PSMA-617 Radioligand Therapy as a Predictor of Biochemical Response and Overall Survival. <i>Cancers</i> , 2022, 14, 149.	3.7	8
12	Gab2 deficiency prevents Flt3-ITD driven acute myeloid leukemia in vivo. <i>Leukemia</i> , 2022, 36, 970-982.	7.2	4
13	SMAD4 mutations do not preclude epithelial $\rightarrow$ mesenchymal transition in colorectal cancer. <i>Oncogene</i> , 2022, 41, 824-837.	5.9	12
14	RNA interference screens discover proteases as synthetic lethal partners of PI3K inhibition in breast cancer cells. <i>Theranostics</i> , 2022, 12, 4348-4373.	10.0	3
15	Spatially resolved multi-omics deciphers bidirectional tumor-host interdependence in glioblastoma. <i>Cancer Cell</i> , 2022, 40, 639-655.e13.	16.8	166
16	Bile acids regulate intestinal antigen presentation and reduce graft-versus-host disease without impairing the graft-versus-leukemia effect. <i>Haematologica</i> , 2021, 106, 2131-2146.	3.5	26
17	Lack of Electron Acceptors Contributes to Redox Stress and Growth Arrest in Asparagine-Starved Sarcoma Cells. <i>Cancers</i> , 2021, 13, 412.	3.7	1
18	Perioperative cell-free mutant KRAS dynamics in patients with pancreatic cancer. <i>British Journal of Surgery</i> , 2021, 108, 239-243.	0.3	3

#	ARTICLE	IF	CITATIONS
19	CD20 as a gatekeeper of the resting state of human B cells. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	59
20	Transitioning the Molecular Tumor Board from Proof of Concept to Clinical Routine: A German Single-Center Analysis. Cancers, 2021, 13, 1151.	3.7	27
21	Comprehensive Genomic and Transcriptomic Analysis for Guiding Therapeutic Decisions in Patients with Rare Cancers. Cancer Discovery, 2021, 11, 2780-2795.	9.4	125
22	Negative correlation of single-cell <i>PAX3:FOXO1</i> expression with tumorigenicity in rhabdomyosarcoma. Life Science Alliance, 2021, 4, e202001002.	2.8	4
23	Oncogenic <i>KrasG12D</i> Activation in the Nonhematopoietic Bone Marrow Microenvironment Causes Myelodysplastic Syndrome in Mice. Molecular Cancer Research, 2021, 19, 1596-1608.	3.4	5
24	Quantitative evaluation of chromosomal rearrangements in gene-edited human stem cells by CAST-Seq. Cell Stem Cell, 2021, 28, 1136-1147.e5.	11.1	95
25	Basophils balance healing after myocardial infarction via IL-4/IL-13. Journal of Clinical Investigation, 2021, 131, .	8.2	42
26	Combination of Lenvatinib and Pembrolizumab Is an Effective Treatment Option for Anaplastic and Poorly Differentiated Thyroid Carcinoma. Thyroid, 2021, 31, 1076-1085.	4.5	96
27	Therapeutic Effects of Inhibition of Sphingosine-1-Phosphate Signaling in HIF-2 $\alpha$ Inhibitor-Resistant Clear Cell Renal Cell Carcinoma. Cancers, 2021, 13, 4801.	3.7	6
28	Automated library preparation for whole genome sequencing by centrifugal microfluidics. Analytica Chimica Acta, 2021, 1182, 338954.	5.4	6
29	A distinct CD38 <sup>+</sup> CD45RA <sup>+</sup> population of CD4 <sup>+</sup> , CD8 <sup>+</sup> , and double-negative T cells is controlled by FAS. Journal of Experimental Medicine, 2021, 218, .	8.5	25
30	Spatially confined sub-tumor microenvironments in pancreatic cancer. Cell, 2021, 184, 5577-5592.e18.	28.9	182
31	The expansion of human T-bet <sup>high</sup> CD21 <sup>low</sup> B cells is T cell dependent. Science Immunology, 2021, 6, eabh0891.	11.9	82
32	Molecular characterization and natural history of linear porokeratosis: A case series. Journal of the American Academy of Dermatology, 2021, 85, 1603-1606.	1.2	5
33	Dynamic transcriptome analysis reveals signatures of paradoxical effect of vemurafenib on human dermal fibroblasts. Cell Communication and Signaling, 2021, 19, 123.	6.5	3
34	SNAIL1 employs $\beta$ -Catenin $\beta$ -E-cadherin complexes to control colorectal cancer cell invasion and proliferation. International Journal of Cancer, 2020, 146, 2229-2242.	5.1	32
35	miR-149 Suppresses Breast Cancer Metastasis by Blocking Paracrine Interactions with Macrophages. Cancer Research, 2020, 80, 1330-1341.	0.9	41
36	Next-generation hypomethylating agent SGI-110 primes acute myeloid leukemia cells to IAP antagonist by activating extrinsic and intrinsic apoptosis pathways. Cell Death and Differentiation, 2020, 27, 1878-1895.	11.2	8

#	ARTICLE	IF	CITATIONS
37	Cathepsin D deficiency in mammary epithelium transiently stalls breast cancer by interference with mTORC1 signaling. <i>Nature Communications</i> , 2020, 11, 5133.	12.8	37
38	BRAFV600E drives dedifferentiation in small intestinal and colonic organoids and cooperates with mutant p53 and Apc loss in transformation. <i>Oncogene</i> , 2020, 39, 6053-6070.	5.9	19
39	Metabolic reprogramming of donor T cells enhances graft-versus-leukemia effects in mice and humans. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	70
40	Annotation of Human Exome Gene Variants with Consensus Pathogenicity. <i>Genes</i> , 2020, 11, 1076.	2.4	4
41	HIF-1 $\alpha$ and HIF-2 $\alpha$ differently regulate tumour development and inflammation of clear cell renal cell carcinoma in mice. <i>Nature Communications</i> , 2020, 11, 4111.	12.8	141
42	Cardiac Regeneration and Tumor Growth—What Do They Have in Common?. <i>Frontiers in Genetics</i> , 2020, 11, 586658.	2.3	2
43	Alteration of Proteotranscriptomic Landscape Reveals the Transcriptional Regulatory Circuits Controlling Key-Signaling Pathways and Metabolic Reprogramming During Tumor Evolution. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 586479.	3.7	6
44	Development and Clinical Validation of Discriminatory Multitarget Digital Droplet PCR Assays for the Detection of Hot Spot KRAS and NRAS Mutations in Cell-Free DNA. <i>Journal of Molecular Diagnostics</i> , 2020, 22, 943-956.	2.8	17
45	Glucagon-like peptide 2 for intestinal stem cell and Paneth cell repair during graft-versus-host disease in mice and humans. <i>Blood</i> , 2020, 136, 1442-1455.	1.4	60
46	Synonymous GATA2 mutations result in selective loss of mutated RNA and are common in patients with GATA2 deficiency. <i>Leukemia</i> , 2020, 34, 2673-2687.	7.2	38
47	Existence of reprogrammed lymphoma stem cells in a murine ALCL-like model. <i>Leukemia</i> , 2020, 34, 3242-3255.	7.2	4
48	Loss of the nuclear Wnt pathway effector TCF7L2 promotes migration and invasion of human colorectal cancer cells. <i>Oncogene</i> , 2020, 39, 3893-3909.	5.9	45
49	CCL5 mediates target-kinase independent resistance to FLT3 inhibitors in FLT3-ITD-positive AML. <i>Molecular Oncology</i> , 2020, 14, 779-794.	4.6	15
50	Oncogenic KrasG12D causes myeloproliferation via NLRP3 inflammasome activation. <i>Nature Communications</i> , 2020, 11, 1659.	12.8	92
51	Canonical BMP Signaling Executes Epithelial-Mesenchymal Transition Downstream of SNAIL1. <i>Cancers</i> , 2020, 12, 1019.	3.7	17
52	MicroRNA-146a regulates immune-related adverse events caused by immune checkpoint inhibitors. <i>JCI Insight</i> , 2020, 5, .	5.0	49
53	Loss of the Fanconi anemia-associated protein NIPA causes bone marrow failure. <i>Journal of Clinical Investigation</i> , 2020, 130, 2827-2844.	8.2	8
54	Graft-versus-host disease of the CNS is mediated by TNF upregulation in microglia. <i>Journal of Clinical Investigation</i> , 2020, 130, 1315-1329.	8.2	35

#	ARTICLE	IF	CITATIONS
55	The Integrin Adaptor Kindlin-3 Is Important for Development and Retention of Marginal Zone B Cells. <i>Blood</i> , 2020, 136, 46-47.	1.4	0
56	Genome-wide mapping of DNA-binding sites identifies stemness-related genes as directly repressed targets of SNAIL1 in colorectal cancer cells. <i>Oncogene</i> , 2019, 38, 6647-6661.	5.9	24
57	Harnessing the tissue and plasma lncRNA-peptidome to discover peptide-based cancer biomarkers. <i>Scientific Reports</i> , 2019, 9, 12322.	3.3	26
58	TGF $\beta$ 2-induced cytoskeletal remodeling mediates elevation of cell stiffness and invasiveness in NSCLC. <i>Scientific Reports</i> , 2019, 9, 7667.	3.3	25
59	Variant classification in precision oncology. <i>International Journal of Cancer</i> , 2019, 145, 2996-3010.	5.1	76
60	Heterogeneous pathway activation and drug response modelled in colorectal-tumor-derived 3D cultures. <i>PLoS Genetics</i> , 2019, 15, e1008076.	3.5	59
61	Delineating the Dynamic Transcriptome Response of mRNA and microRNA during Zebrafish Heart Regeneration. <i>Biomolecules</i> , 2019, 9, 11.	4.0	21
62	miR-146a Controls Immune Response in the Melanoma Microenvironment. <i>Cancer Research</i> , 2019, 79, 183-195.	0.9	69
63	MMP14 empowers tumor-initiating breast cancer cells under hypoxic nutrient-depleted conditions. <i>FASEB Journal</i> , 2019, 33, 4124-4140.	0.5	24
64	Infection of HeLa cells with <i>Chlamydia trachomatis</i> inhibits protein synthesis and causes multiple changes to host cell pathways. <i>Cellular Microbiology</i> , 2019, 21, e12993.	2.1	12
65	DNA Methyltransferase 1 Controls Nephron Progenitor Cell Renewal and Differentiation. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 63-78.	6.1	52
66	S861 LOSS OF THE F-BOX PROTEIN NIPA CAUSES BONE MARROW FAILURE. <i>HemaSphere</i> , 2019, 3, 385.	2.7	0
67	Examining the Role of CD30 in an Anaplastic Large Cell Lymphoma Mouse Model. <i>Blood</i> , 2019, 134, 2542-2542.	1.4	0
68	Blind normalization of public high-throughput databases. <i>PeerJ Computer Science</i> , 2019, 5, e231.	4.5	1
69	Oncogenic JAK2 <sup>V617F</sup> causes PD-L1 expression, mediating immune escape in myeloproliferative neoplasms. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	166
70	Differences in DNA Methylation and Functional Expression in Lactase Persistent and Non-persistent Individuals. <i>Scientific Reports</i> , 2018, 8, 5649.	3.3	31
71	Smac mimetic induces an early wave of gene expression via NF- $\kappa$ B and AP-1 and a second wave via TNFR1 signaling. <i>Cancer Letters</i> , 2018, 421, 170-185.	7.2	12
72	Sorafenib promotes graft-versus-leukemia activity in mice and humans through IL-15 production in FLT3-ITD-mutant leukemia cells. <i>Nature Medicine</i> , 2018, 24, 282-291.	30.7	216

#	ARTICLE	IF	CITATIONS
73	Constitutional <i>SAMD9L</i> mutations cause familial myelodysplastic syndrome and transient monosomy 7. <i>Haematologica</i> , 2018, 103, 427-437.	3.5	83
74	BRAF inhibition upregulates a variety of receptor tyrosine kinases and their downstream effector Gab2 in colorectal cancer cell lines. <i>Oncogene</i> , 2018, 37, 1576-1593.	5.9	37
75	Microenvironment-Derived Regulation of HIF Signaling Drives Transcriptional Heterogeneity in Glioblastoma Multiforme. <i>Molecular Cancer Research</i> , 2018, 16, 655-668.	3.4	21
76	Robust prediction of gene regulation in colorectal cancer tissues from DNA methylation profiles. <i>Epigenetics</i> , 2018, 13, 386-397.	2.7	24
77	Validating Comprehensive Next-Generation Sequencing Results for Precision Oncology: The NCT/DKTK Molecularly Aided Stratification for Tumor Eradication Research Experience. <i>JCO Precision Oncology</i> , 2018, 2, 1-13.	3.0	20
78	Copper-induced cell death and the protective role of glutathione: the implication of impaired protein folding rather than oxidative stress. <i>Metallomics</i> , 2018, 10, 1743-1754.	2.4	65
79	Personalized Clinical Decision Making Through Implementation of a Molecular Tumor Board: A German Single-Center Experience. <i>JCO Precision Oncology</i> , 2018, 2, 1-16.	3.0	41
80	CXCL12 and MYC control energy metabolism to support adaptive responses after kidney injury. <i>Nature Communications</i> , 2018, 9, 3660.	12.8	39
81	Identification of a novel anoikis signalling pathway using the fungal virulence factor gliotoxin. <i>Nature Communications</i> , 2018, 9, 3524.	12.8	40
82	A Multi-layered Quantitative In Vivo Expression Atlas of the Podocyte Unravels Kidney Disease Candidate Genes. <i>Cell Reports</i> , 2018, 23, 2495-2508.	6.4	81
83	Expression ratio of the TGF $\beta$ -inducible gene MYO10 is prognostic for overall survival of squamous cell lung cancer patients and predicts chemotherapy response. <i>Scientific Reports</i> , 2018, 8, 9517.	3.3	11
84	Bid Expression Network Controls Neuronal Cell Fate During Avian Ciliary Ganglion Development. <i>Frontiers in Physiology</i> , 2018, 9, 797.	2.8	0
85	Constitutional absence of epithelial integrin $\beta$ 3 impacts the composition of the cellular microenvironment of ILNEB keratinocytes. <i>Matrix Biology</i> , 2018, 74, 62-76.	3.6	11
86	Identification and Validation of a Diagnostic and Prognostic Multi-Gene Biomarker Panel for Pancreatic Ductal Adenocarcinoma. <i>Frontiers in Genetics</i> , 2018, 9, 108.	2.3	68
87	Metabolic Reprogramming Overcomes T Cell Inhibition By AML Cells. <i>Blood</i> , 2018, 132, 3328-3328.	1.4	0
88	In Vivo Kinetics of Early, Hypomethylating Agent-Induced Methylome and Transcriptome Changes in Primary AML Blasts: Random or Specific?. <i>Blood</i> , 2018, 132, 3892-3892.	1.4	0
89	Oncogenic KRASG12D in the Hematopoietic System Causes NLRP3 Inflammasome Activation Leading to Myeloproliferative Syndrome. <i>Blood</i> , 2018, 132, 2618-2618.	1.4	0
90	Absence of the Integrin $\beta$ 3 Subunit Induces an Activated Phenotype in Human Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1387-1391.	0.7	7

#	ARTICLE	IF	CITATIONS
91	miR-181 elevates Akt signaling by co-targeting PHLPP2 and INPP4B phosphatases in luminal breast cancer. <i>International Journal of Cancer</i> , 2017, 140, 2310-2320.	5.1	46
92	Understanding the mTOR signaling pathway via mathematical modeling. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2017, 9, e1379.	6.6	31
93	The EMT-activator Zeb1 is a key factor for cell plasticity and promotes metastasis in pancreatic cancer. <i>Nature Cell Biology</i> , 2017, 19, 518-529.	10.3	748
94	Epithelioid hemangioendotheliomas of the liver and lung in children and adolescents. <i>Pediatric Blood and Cancer</i> , 2017, 64, e26675.	1.5	31
95	KDM4 Inhibition Targets Breast Cancer Stem-like Cells. <i>Cancer Research</i> , 2017, 77, 5900-5912.	0.9	75
96	Protein abundance of AKT and ERK pathway components governs cell type-specific regulation of proliferation. <i>Molecular Systems Biology</i> , 2017, 13, 904.	7.2	72
97	IDENTIFICATION AND CHARACTERISATION OF THE LYMPHOMA-INITIATING CELL (LIC) POPULATION IN AN ALCL MOUSE MODEL. <i>Hematological Oncology</i> , 2017, 35, 163-163.	1.7	0
98	Cover Image, Volume 9, Issue 4. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2017, 9, e1394.	6.6	0
99	Smoking is associated with hypermethylation of the APC 1A promoter in colorectal cancer: the ColoCare Study. <i>Journal of Pathology</i> , 2017, 243, 366-375.	4.5	39
100	RAS-pathway mutation patterns define epigenetic subclasses in juvenile myelomonocytic leukemia. <i>Nature Communications</i> , 2017, 8, 2126.	12.8	91
101	Biglycan expression in the melanoma microenvironment promotes invasiveness via increased tissue stiffness inducing integrin- $\beta$ 1 expression. <i>Oncotarget</i> , 2017, 8, 42901-42916.	1.8	60
102	Specific role of RhoC in tumor invasion and metastasis. <i>Oncotarget</i> , 2017, 8, 87364-87378.	1.8	23
103	SNAIL1-mediated downregulation of FOXA proteins facilitates the inactivation of transcriptional enhancer elements at key epithelial genes in colorectal cancer cells. <i>PLoS Genetics</i> , 2017, 13, e1007109.	3.5	52
104	Targeting of apoptotic pathways by SMAC or BH3 mimetics distinctly sensitizes paclitaxel-resistant triple negative breast cancer cells. <i>Oncotarget</i> , 2017, 8, 45088-45104.	1.8	22
105	Proteolysis-a characteristic of tumor-initiating cells in murine metastatic breast cancer. <i>Oncotarget</i> , 2016, 7, 58244-58260.	1.8	9
106	HSPB3 protein is expressed in motoneurons and induces their survival after lesion-induced degeneration. <i>Experimental Neurology</i> , 2016, 286, 40-49.	4.1	17
107	S100A6 Regulates Endothelial Cell Cycle Progression by Attenuating Antiproliferative Signal Transducers and Activators of Transcription 1 Signaling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1854-1867.	2.4	22
108	Monoallelic Mutations in the Translation Initiation Codon of KLHL24 Cause Skin Fragility. <i>American Journal of Human Genetics</i> , 2016, 99, 1395-1404.	6.2	71

#	ARTICLE	IF	CITATIONS
109	CREBBP is a target of epigenetic, but not genetic, modification in juvenile myelomonocytic leukemia. <i>Clinical Epigenetics</i> , 2016, 8, 50.	4.1	19
110	A flexible, multilayered protein scaffold maintains the slit in between glomerular podocytes. <i>JCI Insight</i> , 2016, 1, .	5.0	69
111	ERN1 and ALPK1 inhibit differentiation of bi-potential tumor-initiating cells in human breast cancer. <i>Oncotarget</i> , 2016, 7, 83278-83293.	1.8	19
112	Implementation of a Molecular Tumor Board in Clinical Decision Making at the Medical Center University of Freiburg. <i>Blood</i> , 2016, 128, 3579-3579.	1.4	0
113	Functional Consequences of TCAB1 Mutations in Dyskeratosis Congenita. <i>Blood</i> , 2016, 128, 3890-3890.	1.4	0
114	RAR $\beta$ regulates neuronal cell death and differentiation in the avian ciliary ganglion. <i>Developmental Neurobiology</i> , 2015, 75, 1204-1218.	3.0	6
115	Global gene expression profiling analysis reveals reduction of stemness after B-RAF inhibition in colorectal cancer cell lines. <i>Genomics Data</i> , 2015, 4, 158-161.	1.3	2
116	Selective inhibition of esophageal cancer cells by combination of HDAC inhibitors and Azacytidine. <i>Epigenetics</i> , 2015, 10, 431-445.	2.7	69
117	B-Raf Inhibitors Induce Epithelial Differentiation in <i>BRAF</i> -Mutant Colorectal Cancer Cells. <i>Cancer Research</i> , 2015, 75, 216-229.	0.9	43
118	Structural chromosome abnormalities, increased DNA strand breaks and DNA strand break repair deficiency in dermal fibroblasts from old female human donors. <i>Aging</i> , 2015, 7, 110-122.	3.1	27
119	From a Traditional Medicinal Plant to a Rational Drug: Understanding the Clinically Proven Wound Healing Efficacy of Birch Bark Extract. <i>PLoS ONE</i> , 2014, 9, e86147.	2.5	85
120	Proteome-wide analysis reveals an age-associated cellular phenotype of in situ aged human fibroblasts. <i>Aging</i> , 2014, 6, 856-872.	3.1	65
121	mTORC1 maintains renal tubular homeostasis and is essential in response to ischemic stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2817-26.	7.1	82
122	STAT3 expression, activity and functional consequences of STAT3 inhibition in esophageal squamous cell carcinomas and Barrett's adenocarcinomas. <i>Oncogene</i> , 2014, 33, 3256-3266.	5.9	49
123	miR149 Functions as a Tumor Suppressor by Controlling Breast Epithelial Cell Migration and Invasion. <i>Cancer Research</i> , 2014, 74, 5256-5265.	0.9	71
124	The natural anticancer compound rocaglamide selectively inhibits the G1-S-phase transition in cancer cells through the ATM/ATR-mediated Chk1/2 cell cycle checkpoints. <i>International Journal of Cancer</i> , 2014, 134, 1991-2002.	5.1	26
125	S100A1 is released from ischemic cardiomyocytes and signals myocardial damage via Toll-like receptor 4. <i>EMBO Molecular Medicine</i> , 2014, 6, 778-794.	6.9	66
126	Inadequate mito-biogenesis in primary dermal fibroblasts from old humans is associated with impairment of PGC1A-independent stimulation. <i>Experimental Gerontology</i> , 2014, 56, 59-68.	2.8	35



#	ARTICLE	IF	CITATIONS
127	Molecular fingerprinting of the podocyte reveals novel gene and protein regulatory networks. <i>Kidney International</i> , 2013, 83, 1052-1064.	5.2	130
128	Deletion of Cysteine Cathepsins B or L Yields Differential Impacts on Murine Skin Proteome and Degradome. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 611-625.	3.8	36
129	A distributed stochastic perception-action loop model of cell motility. , 2013, , .		0
130	Consistency of the Proteome in Primary Human Keratinocytes With Respect to Gender, Age, and Skin Localization. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 2509-2521.	3.8	32
131	Label-Free Detection of Neuronal Differentiation in Cell Populations Using High-Throughput Live-Cell Imaging of PC12 Cells. <i>PLoS ONE</i> , 2013, 8, e56690.	2.5	16
132	Network Theory Inspired Analysis of Time-Resolved Expression Data Reveals Key Players Guiding P. patens Stem Cell Development. <i>PLoS ONE</i> , 2013, 8, e60494.	2.5	27
133	Induction of phenotype modifying cytokines by <i>FERMT1</i> mutations. <i>Human Mutation</i> , 2011, 32, 397-406.	2.5	32
134	Comparative quantitation of proteome alterations induced by aging or immortalization in primary human fibroblasts and keratinocytes for clinical applications. <i>Molecular BioSystems</i> , 2010, 6, 1579.	2.9	29
135	S100A1 in cardiovascular health and disease: Closing the gap between basic science and clinical therapy. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 47, 445-455.	1.9	73
136	Ca <sup>2+</sup> -Dependent Interaction of S100A1 with F <sub>1</sub> -ATPase Leads to an Increased ATP Content in Cardiomyocytes. <i>Molecular and Cellular Biology</i> , 2007, 27, 4365-4373.	2.3	89
137	189 Extracellular S100A1 protein modulates cardiac matrix gene expression through activation of the MAPK - NF-kappaB signalling pathway. <i>European Journal of Heart Failure, Supplement</i> , 2007, 6, 45-45.	0.0	0
138	Distinct subcellular location of the Ca <sup>2+</sup> -binding protein S100A1 differentially modulates Ca <sup>2+</sup> -cycling in ventricular rat cardiomyocytes. <i>Journal of Cell Science</i> , 2005, 118, 421-431.	2.0	57
139	Cardiac adenoviral S100A1 gene delivery rescues failing myocardium. <i>Journal of Clinical Investigation</i> , 2004, 114, 1550-1563.	8.2	179
140	Extracellular S100A1 Protein Inhibits Apoptosis in Ventricular Cardiomyocytes via Activation of the Extracellular Signal-regulated Protein Kinase 1/2 (ERK1/2). <i>Journal of Biological Chemistry</i> , 2003, 278, 48404-48412.	3.4	71