

Hauke Busch

List of Publications by Year in descending order

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Version: 2024-02-01

166
papers

5,381
citations

125106

35
h-index

124990

64
g-index

187
all docs

187
docs citations

187
times ranked

11708
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrative genomic and transcriptomic analysis in plasmablastic lymphoma identifies disruption of key regulatory pathways. <i>Blood Advances</i> , 2022, 6, 637-651.	2.5	15
2	Gain-of-function mutations in RPA1 cause a syndrome with short telomeres and somatic genetic rescue. <i>Blood</i> , 2022, 139, 1039-1051.	0.6	29
3	Mutational landscape of high-grade B-cell lymphoma with <i>MYC</i>, <i>BCL2</i> and/or <i>BCL6</i> rearrangements characterized by whole-exome sequencing. <i>Haematologica</i> , 2022, 107, 1850-1863.	1.7	17
4	Changes of Gut Microbiota by Natural mtDNA Variant Differences Augment Susceptibility to Metabolic Disease and Ageing. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1056.	1.8	3
5	Elucidating Hexanucleotide Repeat Number and Methylation within the X-Linked Dystonia-Parkinsonism (XDP)-Related SVA Retrotransposon in TAF1 with Nanopore Sequencing. <i>Genes</i> , 2022, 13, 126.	1.0	9
6	Predominance of Staphylococcus Correlates with Wound Burden and Disease Activity in Dystrophic Epidermolysis Bullosa: A Prospective Case-Control Study. <i>Journal of Investigative Dermatology</i> , 2022, 142, 2117-2127.e8.	0.3	10
7	Searching of Clinical Trials Made Easier in cBioPortal Using Patients' Genetic and Clinical Profiles. <i>Applied Clinical Informatics</i> , 2022, 13, 363-369.	0.8	6
8	Palatinose™ (Isomaltulose) and Prebiotic Inulin-Type Fructans Have Beneficial Effects on Glycemic Response and Gut Microbiota Composition in Healthy Volunteers—A Real-Life, Retrospective Study of a Cohort That Participated in a Digital Nutrition Program. <i>Frontiers in Nutrition</i> , 2022, 9, 829933.	1.6	2
9	Thyroid cancer incidences in the United Arab Emirates: a retrospective study on association with age and gender. <i>F1000Research</i> , 2022, 11, 338.	0.8	0
10	In Silico Bioinformatics Followed by Molecular Validation Using Archival FFPE Tissue Biopsies Identifies a Panel of Transcripts Associated with Severe Asthma and Lung Cancer. <i>Cancers</i> , 2022, 14, 1663.	1.7	2
11	Longitudinal Characterization of the Fungal Skin Microbiota in Healthy Subjects Over the Period of One Year. <i>Journal of Investigative Dermatology</i> , 2022, , .	0.3	1
12	UBTF::ATXN7L3 gene fusion defines novel B cell precursor ALL subtype with CDX2 expression and need for intensified treatment. <i>Leukemia</i> , 2022, 36, 1676-1680.	3.3	12
13	Data on draft genomes and transcriptomes from females and males of the flour moth, <i>Ephesia kuehniella</i> . <i>Data in Brief</i> , 2022, 42, 108140.	0.5	0
14	Therapy-Related Transcriptional Subtypes in Matched Primary and Recurrent Head and Neck Cancer. <i>Clinical Cancer Research</i> , 2022, 28, 1038-1052.	3.2	13
15	One-year surveillance of SARS-CoV-2 transmission of the ELISA cohort: A model for population-based monitoring of infection risk. <i>Science Advances</i> , 2022, 8, eabm5016.	4.7	14
16	Genetic Associations and Differential mRNA Expression Levels of Host Genes Suggest a Viral Trigger for Endemic <i>Pemphigus Foliaceus</i> . <i>Viruses</i> , 2022, 14, 879.	1.5	4
17	Biodiversity of mycobial communities in health and onychomycosis. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
18	Dysbiosis of skin microbiota with increased fungal diversity is associated with severity of disease in atopic dermatitis. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2022, 36, 1811-1819.	1.3	11

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19	Protocol of the Luebeck longitudinal investigation of SARS-CoV-2 infection (ELISA) study – a prospective population-based cohort study. BMC Public Health, 2022, 22, .	1.2	3
20	Host plant diet affects growth and induces altered gene expression and microbiome composition in the wood white (<i>Leptidea sinapis</i>) butterfly. Molecular Ecology, 2021, 30, 499-516.	2.0	17
21	Genetic variability of immune-related lncRNAs: polymorphisms in <i>LINC01013</i> and <i>LY86AS1</i> are associated with pemphigus foliaceus susceptibility. Experimental Dermatology, 2021, 30, 831-840.	1.4	11
22	Diagnostic Value and Practicability of Serration Pattern Analysis by Direct Immunofluorescence Microscopy in Pemphigoid Diseases. Acta Dermato-Venereologica, 2021, 101, adv00410.	0.6	9
23	A Mitochondrial Polymorphism Alters Immune Cell Metabolism and Protects Mice from Skin Inflammation. International Journal of Molecular Sciences, 2021, 22, 1006.	1.8	17
24	Linking Penetrance and Transcription in <i>DYT1</i> / <i>HAP1</i> : Insights From a Human <i>iPSC</i> -Derived Cortical Model. Movement Disorders, 2021, 36, 1381-1391.	2.2	14
25	In silico candidate variant and gene identification using inbred mouse strains. PeerJ, 2021, 9, e11017.	0.9	0
26	Enhanced Glycolysis Is Required for Antileishmanial Functions of Neutrophils Upon Infection With <i>Leishmania donovani</i> . Frontiers in Immunology, 2021, 12, 632512.	2.2	16
27	Wnt Signaling Is Deranged in Asthmatic Bronchial Epithelium and Fibroblasts. Frontiers in Cell and Developmental Biology, 2021, 9, 641404.	1.8	14
28	Performance of international prognostic indices in plasmablastic lymphoma: a comparative evaluation. Journal of Cancer Research and Clinical Oncology, 2021, 147, 3043-3050.	1.2	6
29	Draft Genome Sequences and Antimicrobial Profiles of Three <i>Staphylococcus epidermidis</i> Strains from Neonatal Blood Samples. Microbiology Resource Announcements, 2021, 10, .	0.3	1
30	Identification of two novel bullous pemphigoid- associated alleles, HLA-DQA1*05:05 and -DRB1*07:01, in Germans. Orphanet Journal of Rare Diseases, 2021, 16, 228.	1.2	16
31	Effect of Differences in the Microbiome of <i>Cyp17a1</i> -Deficient Mice on Atherosclerotic Background. Cells, 2021, 10, 1292.	1.8	3
32	openEHR Mapper – A Tool to Fuse Clinical and Genomic Data Using the openEHR Standard. Studies in Health Technology and Informatics, 2021, 278, 86-93.	0.2	2
33	FhirSpark – Implementing a Mediation Layer to Bring FHIR to the cBioPortal for Cancer Genomics. Studies in Health Technology and Informatics, 2021, 281, 303-307.	0.2	4
34	Genomic insights into the pathogenesis of Epstein-Barr virus-associated diffuse large B-cell lymphoma by whole-genome and targeted amplicon sequencing. Blood Cancer Journal, 2021, 11, 102.	2.8	28
35	OP0244...28 NEW AUTOANTIBODIES AGAINST GPCR, GROWTH FACTORS AND GROWTH FACTOR RECEPTORS ARE ASSOCIATED WITH DISEASE MANIFESTATIONS IN SYSTEMIC SCLEROSIS. Annals of the Rheumatic Diseases, 2021, 80, 149.1-150.	0.5	0
36	Unsuspected Associations of Variants within the Genes NOTCH4 and STEAP2-AS1 Uncovered by a GWAS in Endemic Pemphigus Foliaceus. Journal of Investigative Dermatology, 2021, 141, 2741-2744.	0.3	4

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37	Systems Immunology Analysis Reveals the Contribution of Pulmonary and Extrapulmonary Tissues to the Immunopathogenesis of Severe COVID-19 Patients. <i>Frontiers in Immunology</i> , 2021, 12, 595150.	2.2	18
38	Telmisartan induces a specific gut microbiota signature which may mediate its antiobesity effect. <i>Pharmacological Research</i> , 2021, 170, 105724.	3.1	6
39	The impact of the Covid-19 pandemic on quality of life in skin cancer patients. <i>PLoS ONE</i> , 2021, 16, e0255501.	1.1	8
40	Kpna6 deficiency causes infertility in male mice by disrupting spermatogenesis. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	11
41	PD-L1 Dependent Immunogenic Landscape in Hot Lung Adenocarcinomas Identified by Transcriptome Analysis. <i>Cancers</i> , 2021, 13, 4562.	1.7	2
42	Genetic association and differential expression of HLA Complex Group lncRNAs in pemphigus. <i>Journal of Autoimmunity</i> , 2021, 123, 102705.	3.0	8
43	Medical Data Engineering “ Theory and Practice. <i>Communications in Computer and Information Science</i> , 2021, , 269-284.	0.4	1
44	The SARS-CoV-2 main protease Mpro causes microvascular brain pathology by cleaving NEMO in brain endothelial cells. <i>Nature Neuroscience</i> , 2021, 24, 1522-1533.	7.1	164
45	Challenges and Experiences Extending the cBioPortal for Cancer Genomics to a Molecular Tumor Board Platform. <i>Studies in Health Technology and Informatics</i> , 2021, 287, 139-143.	0.2	9
46	Hyperoxia/Hypoxia Exposure Primes a Sustained Pro-Inflammatory Profile of Preterm Infant Macrophages Upon LPS Stimulation. <i>Frontiers in Immunology</i> , 2021, 12, 762789.	2.2	12
47	Increased Fibrosis in a Mouse Model of Anti-Laminin 332 Mucous Membrane Pemphigoid Remains Unaltered by Inhibition of Aldehyde Dehydrogenase. <i>Frontiers in Immunology</i> , 2021, 12, 812627.	2.2	4
48	Oxidative stress as candidate therapeutic target to overcome microenvironmental protection of CLL. <i>Leukemia</i> , 2020, 34, 115-127.	3.3	23
49	SNAIL1 employs “Catenin“LEF1 complexes to control colorectal cancer cell invasion and proliferation. <i>International Journal of Cancer</i> , 2020, 146, 2229-2242.	2.3	32
50	miR-149 Suppresses Breast Cancer Metastasis by Blocking Paracrine Interactions with Macrophages. <i>Cancer Research</i> , 2020, 80, 1330-1341.	0.4	41
51	Image-derived models of cell organization changes during differentiation and drug treatments. <i>Molecular Biology of the Cell</i> , 2020, 31, 655-666.	0.9	7
52	Interactions between host genetics and gut microbiota determine susceptibility to CNS autoimmunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27516-27527.	3.3	58
53	An integrated personal and population-based Egyptian genome reference. <i>Nature Communications</i> , 2020, 11, 4719.	5.8	20
54	Ambrisentan, an endothelin receptor type A-selective antagonist, inhibits cancer cell migration, invasion, and metastasis. <i>Scientific Reports</i> , 2020, 10, 15931.	1.6	11

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55	Longitudinal Multi-omics Analyses Identify Responses of Megakaryocytes, Erythroid Cells, and Plasmablasts as Hallmarks of Severe COVID-19. <i>Immunity</i> , 2020, 53, 1296-1314.e9.	6.6	278
56	Immunoglobulin G of systemic sclerosis patients programs a pro-inflammatory and profibrotic phenotype in monocyte-like THP-1 cells. <i>Rheumatology</i> , 2020, 60, 3012-3022.	0.9	4
57	Linking Complement C3 and B Cells in Nasal Polyposis. <i>Journal of Immunology Research</i> , 2020, 2020, 1-12.	0.9	3
58	“Moving genes”™: how dystonia genes functionally converge on the transcriptome. <i>Brain</i> , 2020, 143, 2631-2634.	3.7	0
59	QTLizer: comprehensive QTL annotation of GWAS results. <i>Scientific Reports</i> , 2020, 10, 20417.	1.6	23
60	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.	3.3	38
61	A Comprehensive Molecular Characterization of the Pancreatic Neuroendocrine Tumor Cell Lines BON-1 and QGP-1. <i>Cancers</i> , 2020, 12, 691.	1.7	29
62	IgG Fc sialylation is regulated during the germinal center reaction following immunization with different adjuvants. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 652-666.e11.	1.5	45
63	Requirements Analysis and Specification for a Molecular Tumor Board Platform Based on cBioPortal. <i>Diagnostics</i> , 2020, 10, 93.	1.3	29
64	AB0166“...IMMUNOGLOBULIN G DERIVED FROM PATIENTS WITH SYSTEMIC SCLEROSIS IMPRINTS A PRO-INFLAMMATORY AND PRO-FIBROTIC PHENOTYPE IN MONOCYTE-LIKE THP-1 CELLS. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 1383.2-1383.	0.5	0
65	OC-0321: Transcriptional subtypes in primary and recurrent head and neck squamous cell carcinomas. <i>Radiotherapy and Oncology</i> , 2020, 152, S168-S169.	0.3	0
66	RPA1 Gain of Function Causes Human Short Telomere Syndrome with Revertant Somatic Mosaicism. <i>Blood</i> , 2020, 136, 36-37.	0.6	0
67	Maternally Inherited Differences within Mitochondrial Complex I Control Murine Healthspan. <i>Genes</i> , 2019, 10, 532.	1.0	8
68	075 Inhibition of phosphodiesterase-4 significantly decreases oral mucosa lesions in experimental anti-laminin 332 mucous membrane pemphigoid. <i>Journal of Investigative Dermatology</i> , 2019, 139, S227.	0.3	0
69	TGF β 2-induced cytoskeletal remodeling mediates elevation of cell stiffness and invasiveness in NSCLC. <i>Scientific Reports</i> , 2019, 9, 7667.	1.6	25
70	Optimization of reference gene panels for gene expression analysis in preclinical models of inflammatory skin diseases. <i>Experimental Dermatology</i> , 2019, 28, 985-988.	1.4	3
71	A Natural mtDNA Polymorphism in Complex III Is a Modifier of Healthspan in Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2359.	1.8	12
72	Genome-wide association study of psoriasis in an Egyptian population. <i>Experimental Dermatology</i> , 2019, 28, 623-627.	1.4	15

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73	ABA-Induced Vegetative Diaspore Formation in <i>Physcomitrella patens</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 315.	1.7	30
74	Complement Receptor 1 (CR1, CD35) Polymorphisms and Soluble CR1: A Proposed Anti-inflammatory Role to Quench the Fire of "Fogo Selvagem" Pempfigus Foliaceus. <i>Frontiers in Immunology</i> , 2019, 10, 2585.	2.2	12
75	Genetics and Omics Analysis of Autoimmune Skin Blistering Diseases. <i>Frontiers in Immunology</i> , 2019, 10, 2327.	2.2	24
76	Sequential Treatment With Targeted and Immune Checkpoint Therapy in Patients With BRAF Positive Metastatic Melanoma: The Importance of Timing?. <i>Frontiers in Medicine</i> , 2019, 6, 257.	1.2	1
77	Polymorphisms in the Mitochondrial Genome Are Associated With Bullous Pemphigoid in Germans. <i>Frontiers in Immunology</i> , 2019, 10, 2200.	2.2	4
78	IL-17A is functionally relevant and a potential therapeutic target in bullous pemphigoid. <i>Journal of Autoimmunity</i> , 2019, 96, 104-112.	3.0	85
79	Delineating the Dynamic Transcriptome Response of mRNA and microRNA during Zebrafish Heart Regeneration. <i>Biomolecules</i> , 2019, 9, 11.	1.8	21
80	MMP14 empowers tumor-initiating breast cancer cells under hypoxic nutrient-depleted conditions. <i>FASEB Journal</i> , 2019, 33, 4124-4140.	0.2	24
81	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.	1.1	12
82	DNA Methyltransferase 1 Controls Nephron Progenitor Cell Renewal and Differentiation. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 63-78.	3.0	52
83	Dietary ursolic acid improves health span and life span in male <i>Drosophila melanogaster</i> . <i>BioFactors</i> , 2019, 45, 169-186.	2.6	39
84	Blind normalization of public high-throughput databases. <i>PeerJ Computer Science</i> , 2019, 5, e231.	2.7	1
85	Oncogenic JAK2 ^{V617F} causes PD-L1 expression, mediating immune escape in myeloproliferative neoplasms. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	166
86	Differences in DNA Methylation and Functional Expression in Lactase Persistent and Non-persistent Individuals. <i>Scientific Reports</i> , 2018, 8, 5649.	1.6	31
87	Low-level mitochondrial heteroplasmy modulates DNA replication, glucose metabolism and lifespan in mice. <i>Scientific Reports</i> , 2018, 8, 5872.	1.6	26
88	Smac mimetic induces an early wave of gene expression via NF- κ B and AP-1 and a second wave via TNFR1 signaling. <i>Cancer Letters</i> , 2018, 421, 170-185.	3.2	12
89	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.	15.2	216
90	Constitutional <i>SAMD9L</i> mutations cause familial myelodysplastic syndrome and transient monosomy 7. <i>Haematologica</i> , 2018, 103, 427-437.	1.7	83

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91	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.	2.6	37
92	Robust prediction of gene regulation in colorectal cancer tissues from DNA methylation profiles. <i>Epigenetics</i> , 2018, 13, 386-397.	1.3	24
93	Information Theoretic Concepts to Unravel Cell-Cell Communication. <i>Lecture Notes in Bioengineering</i> , 2018, , 115-136.	0.3	0
94	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.	1.5	41
95	Macrophage Migration Inhibitory Factor (MIF) Drives Murine Psoriasiform Dermatitis. <i>Frontiers in Immunology</i> , 2018, 9, 2262.	2.2	20
96	Identification of a novel anoikis signalling pathway using the fungal virulence factor gliotoxin. <i>Nature Communications</i> , 2018, 9, 3524.	5.8	40
97	A Multi-layered Quantitative In Vivo Expression Atlas of the Podocyte Unravels Kidney Disease Candidate Genes. <i>Cell Reports</i> , 2018, 23, 2495-2508.	2.9	81
98	Expression ratio of the TGF β 2-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.	1.6	11
99	Bid Expression Network Controls Neuronal Cell Fate During Avian Ciliary Ganglion Development. <i>Frontiers in Physiology</i> , 2018, 9, 797.	1.3	0
100	Lithocholic Acid Improves the Survival of <i>Drosophila Melanogaster</i> . <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800424.	1.5	11
101	Constitutional absence of epithelial integrin β 3 impacts the composition of the cellular microenvironment of ILNEB keratinocytes. <i>Matrix Biology</i> , 2018, 74, 62-76.	1.5	11
102	Identification and Validation of a Diagnostic and Prognostic Multi-Gene Biomarker Panel for Pancreatic Ductal Adenocarcinoma. <i>Frontiers in Genetics</i> , 2018, 9, 108.	1.1	68
103	Pathogenetic and Clinical Aspects of Anti-Neutrophil Cytoplasmic Autoantibody-Associated Vasculitides. <i>Frontiers in Immunology</i> , 2018, 9, 680.	2.2	76
104	872 Epithelial integrin β 3 impacts the composition of the cellular microenvironment. <i>Journal of Investigative Dermatology</i> , 2018, 138, S148.	0.3	0
105	Cilia-localized <i>LKB1</i> regulates chemokine signaling, macrophage recruitment, and tissue homeostasis in the kidney. <i>EMBO Journal</i> , 2018, 37, .	3.5	78
106	Abstract 2854: Reconstruction of BRAFV600E-driven colorectal carcinogenesis and identification of novel drug combinations involving BRAF and RTK inhibitors. , 2018, , .		0
107	Absence of the Integrin β 3 Subunit Induces an Activated Phenotype in Human Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1387-1391.	0.3	7
108	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.	2.3	46

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109	Understanding the mTOR signaling pathway via mathematical modeling. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2017, 9, e1379.	6.6	31
110	The EMT-activator Zeb1 is a key factor for cell plasticity and promotes metastasis in pancreatic cancer. Nature Cell Biology, 2017, 19, 518-529.	4.6	748
111	Epithelioid hemangioendotheliomas of the liver and lung in children and adolescents. Pediatric Blood and Cancer, 2017, 64, e26675.	0.8	31
112	Protein abundance of AKT and ERK pathway components governs cell type-specific regulation of proliferation. Molecular Systems Biology, 2017, 13, 904.	3.2	72
113	Cover Image, Volume 9, Issue 4. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2017, 9, e1394.	6.6	0
114	Smoking is associated with hypermethylation of the APC 1A promoter in colorectal cancer: the ColoCare Study. Journal of Pathology, 2017, 243, 366-375.	2.1	39
115	RAS-pathway mutation patterns define epigenetic subclasses in juvenile myelomonocytic leukemia. Nature Communications, 2017, 8, 2126.	5.8	91
116	Biglycan expression in the melanoma microenvironment promotes invasiveness via increased tissue stiffness inducing integrin- β 1 expression. Oncotarget, 2017, 8, 42901-42916.	0.8	60
117	The use of urinary proteomics in the assessment of suitability of mouse models for ageing. PLoS ONE, 2017, 12, e0166875.	1.1	17
118	Specific role of RhoC in tumor invasion and metastasis. Oncotarget, 2017, 8, 87364-87378.	0.8	23
119	SNAIL1-mediated downregulation of FOXA proteins facilitates the inactivation of transcriptional enhancer elements at key epithelial genes in colorectal cancer cells. PLoS Genetics, 2017, 13, e1007109.	1.5	52
120	Targeting of apoptotic pathways by SMAC or BH3 mimetics distinctly sensitizes paclitaxel-resistant triple negative breast cancer cells. Oncotarget, 2017, 8, 45088-45104.	0.8	22
121	Proteolysis-a characteristic of tumor-initiating cells in murine metastatic breast cancer. Oncotarget, 2016, 7, 58244-58260.	0.8	9
122	Boolean Modeling Reveals the Necessity of Transcriptional Regulation for Bistability in PC12 Cell Differentiation. Frontiers in Genetics, 2016, 7, 44.	1.1	38
123	Loss of integrin β 3 impacts keratinocyte microenvironment. Journal of Investigative Dermatology, 2016, 136, S191.	0.3	0
124	HSPB3 protein is expressed in motoneurons and induces their survival after lesion-induced degeneration. Experimental Neurology, 2016, 286, 40-49.	2.0	17
125	S100A6 Regulates Endothelial Cell Cycle Progression by Attenuating Antiproliferative Signal Transducers and Activators of Transcription 1 Signaling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1854-1867.	1.1	22
126	Monoallelic Mutations in the Translation Initiation Codon of KLHL24 Cause Skin Fragility. American Journal of Human Genetics, 2016, 99, 1395-1404.	2.6	71

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127	CREBBP is a target of epigenetic, but not genetic, modification in juvenile myelomonocytic leukemia. <i>Clinical Epigenetics</i> , 2016, 8, 50.	1.8	19
128	ERN1 and ALPK1 inhibit differentiation of bi-potential tumor-initiating cells in human breast cancer. <i>Oncotarget</i> , 2016, 7, 83278-83293.	0.8	19
129	Implementation of a Molecular Tumor Board in Clinical Decision Making at the Medical Center University of Freiburg. <i>Blood</i> , 2016, 128, 3579-3579.	0.6	0
130	Functional Consequences of TCAB1 Mutations in Dyskeratosis Congenita. <i>Blood</i> , 2016, 128, 3890-3890.	0.6	0
131	RAR β regulates neuronal cell death and differentiation in the avian ciliary ganglion. <i>Developmental Neurobiology</i> , 2015, 75, 1204-1218.	1.5	6
132	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
133	Selective inhibition of esophageal cancer cells by combination of HDAC inhibitors and Azacytidine. <i>Epigenetics</i> , 2015, 10, 431-445.	1.3	69
134	B-Raf Inhibitors Induce Epithelial Differentiation in <i>BRAF</i> -Mutant Colorectal Cancer Cells. <i>Cancer Research</i> , 2015, 75, 216-229.	0.4	43
135	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.	1.4	27
136	Proteome-wide analysis reveals an age-associated cellular phenotype of in situ aged human fibroblasts. <i>Aging</i> , 2014, 6, 856-872.	1.4	65
137	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.	3.3	82
138	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.	2.6	49
139	miR149 Functions as a Tumor Suppressor by Controlling Breast Epithelial Cell Migration and Invasion. <i>Cancer Research</i> , 2014, 74, 5256-5265.	0.4	71
140	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.	2.3	26
141	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.	1.2	35
142	Molecular fingerprinting of the podocyte reveals novel gene and protein regulatory networks. <i>Kidney International</i> , 2013, 83, 1052-1064.	2.6	130
143	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.	2.5	36
144	A distributed stochastic perception-action loop model of cell motility. , 2013, , .		0

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145	Global remodelling of cellular microenvironment due to loss of collagen VII. <i>Molecular Systems Biology</i> , 2013, 9, 657.	3.2	89
146	In Silico Approaches and the Role of Ontologies in Aging Research. <i>Rejuvenation Research</i> , 2013, 16, 540-546.	0.9	2
147	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.	2.5	32
148	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.	1.1	16
149	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.	1.1	27
150	Boolean approach to signalling pathway modelling in HGF-induced keratinocyte migration. <i>Bioinformatics</i> , 2012, 28, i495-i501.	1.8	48
151	Division of labor by dual feedback regulators controls JAK2/STAT5 signaling over broad ligand range. <i>Molecular Systems Biology</i> , 2011, 7, 516.	3.2	110
152	Nurse-like cells show deregulated expression of genes involved in immunocompetence. <i>British Journal of Haematology</i> , 2011, 154, 349-356.	1.2	32
153	Integration of Activating and Inhibitory Receptor Signaling by Regulated Phosphorylation of Vav1 in Immune Cells. <i>Science Signaling</i> , 2011, 4, ra36.	1.6	56
154	Induction of phenotype modifying cytokines by <i>FERMT1</i> mutations. <i>Human Mutation</i> , 2011, 32, 397-406.	1.1	32
155	Identification of the Rage-dependent gene regulatory network in a mouse model of skin inflammation. <i>BMC Genomics</i> , 2010, 11, 537.	1.2	29
156	Combining theoretical analysis and experimental data generation reveals IRF9 as a crucial factor for accelerating interferon- α -induced early antiviral signalling. <i>FEBS Journal</i> , 2010, 277, 4741-4754.	2.2	45
157	Abstract 2284: Dissecting signaling networks involved in the tumor-microenvironment crosstalk in chronic lymphocytic leukemia (CLL). , 2010, , .		0
158	Decision making in NK cells. <i>Cell Communication and Signaling</i> , 2009, 7, .	2.7	0
159	Gene network dynamics controlling keratinocyte migration. <i>Molecular Systems Biology</i> , 2008, 4, 199.	3.2	52
160	Noise-memory induced excitability and pattern formation in oscillatory neural models. <i>Physical Review E</i> , 2006, 73, 026216.	0.8	15
161	SCALE-DEPENDENCE OF SPATIOTEMPORAL FILTERS INSPIRED BY CELLULAR AUTOMATA. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2004, 14, 1957-1973.	0.7	1
162	Influence of spatiotemporally correlated noise on structure formation in excitable media. <i>Physical Review E</i> , 2003, 67, 041105.	0.8	46

#	ARTICLE	IF	CITATIONS
163	Influence of spatiotemporal $1/f$ noise on structure formation in excitable media. , 2003, 5114, 468.		1
164	Method for detecting the signature of noise-induced structures in spatiotemporal data sets. Physical Review E, 2002, 66, 026117.	0.8	14
165	Effect of colored noise on networks of nonlinear oscillators. Physical Review E, 2001, 64, 021105.	0.8	15
166	New tools for analyzing noise-induced phenomena in biological oscillators. , 0, 2003, .		0