

# Ursula Klingmüller

## List of Publications by Year in descending order

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131  
papers

9,277  
citations

46984

47  
h-index

42364

92  
g-index

141  
all docs

141  
docs citations

141  
times ranked

10910  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and practical identifiability analysis of partially observed dynamical models by exploiting the profile likelihood. <i>Bioinformatics</i> , 2009, 25, 1923-1929.	1.8	1,061
2	Specific recruitment of SH-PTP1 to the erythropoietin receptor causes inactivation of JAK2 and termination of proliferative signals. <i>Cell</i> , 1995, 80, 729-738.	13.5	952
3	Comparative Proteomic Phenotyping of Cell Lines and Primary Cells to Assess Preservation of Cell Type-specific Functions. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 443-450.	2.5	426
4	Identification of nucleocytoplasmic cycling as a remote sensor in cellular signaling by databased modeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 1028-1033.	3.3	336
5	Interaction of the erythropoietin and stem-cell-factor receptors. <i>Nature</i> , 1995, 377, 242-246.	13.7	290
6	Lessons Learned from Quantitative Dynamical Modeling in Systems Biology. <i>PLoS ONE</i> , 2013, 8, e74335.	1.1	275
7	The liver-specific microRNA miR-122 controls systemic iron homeostasis in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 1386-1396.	3.9	221
8	Data2Dynamics: a modeling environment tailored to parameter estimation in dynamical systems. <i>Bioinformatics</i> , 2015, 31, 3558-3560.	1.8	206
9	Intramolecular Regulation of Protein Tyrosine Phosphatase SH-PTP1: A New Function for Src Homology 2 Domains. <i>Biochemistry</i> , 1994, 33, 15483-15493.	1.2	202
10	CYTOKINE RECEPTOR SIGNAL TRANSDUCTION AND THE CONTROL OF HEMATOPOIETIC CELL DEVELOPMENT. <i>Annual Review of Cell and Developmental Biology</i> , 1996, 12, 91-128.	4.0	196
11	Multiple tyrosine residues in the cytosolic domain of the erythropoietin receptor promote activation of STAT5. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 8324-8328.	3.3	183
12	Functional interaction of erythropoietin and stem cell factor receptors is essential for erythroid colony formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 1806-1810.	3.3	171
13	Identification of a novel pathway important for proliferation and differentiation of primary erythroid progenitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 3016-3021.	3.3	166
14	Managing the challenge of drug-induced liver injury: a roadmap for the development and deployment of preclinical predictive models. <i>Nature Reviews Drug Discovery</i> , 2020, 19, 131-148.	21.5	153
15	Covering a Broad Dynamic Range: Information Processing at the Erythropoietin Receptor. <i>Science</i> , 2010, 328, 1404-1408.	6.0	152
16	A mouse model for visualization and conditional mutations in the erythroid lineage. <i>Blood</i> , 2004, 104, 659-666.	0.6	139
17	Interleukin-6 and oncostatin M-induced growth inhibition of human A375 melanoma cells is STAT-dependent and involves upregulation of the cyclin-dependent kinase inhibitor p27/Kip1. <i>Oncogene</i> , 1999, 18, 3742-3753.	2.6	130
18	The Glucocorticoid Receptor Controls Hepatic Dyslipidemia through Hes1. <i>Cell Metabolism</i> , 2008, 8, 212-223.	7.2	126

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19	Addressing parameter identifiability by model-based experimentation. <i>IET Systems Biology</i> , 2011, 5, 120-130.	0.8	126
20	Primary mouse hepatocytes for systems biology approaches: a standardized in vitro system for modelling of signal transduction pathways. <i>IET Systems Biology</i> , 2006, 153, 433.	2.0	122
21	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
22	BMP-9 interferes with liver regeneration and promotes liver fibrosis. <i>Gut</i> , 2017, 66, 939-954.	6.1	107
23	The Role of Tyrosine Phosphorylation in Proliferation and Maturation of Erythroid Progenitor Cells. Signals Emanating from the Erythropoietin Receptor. <i>FEBS Journal</i> , 1997, 249, 637-647.	0.2	105
24	Stat5 activation enables erythropoiesis in the absence of EpoR and Jak2. <i>Blood</i> , 2008, 111, 4511-4522.	0.6	101
25	Identifiability and observability analysis for experimental design in nonlinear dynamical models. <i>Chaos</i> , 2010, 20, 045105.	1.0	101
26	Self assembly of the transmembrane domain promotes signal transduction through the erythropoietin receptor. <i>Current Biology</i> , 2001, 11, 110-115.	1.8	100
27	Enhanced transgene expression in primitive hematopoietic progenitor cells and embryonic stem cells efficiently transduced by optimized retroviral hybrid vectors. <i>Gene Therapy</i> , 2002, 9, 477-487.	2.3	92
28	mTOR-mediated cancer drug resistance suppresses autophagy and generates a druggable metabolic vulnerability. <i>Nature Communications</i> , 2020, 11, 4684.	5.8	87
29	Dynamic Mathematical Modeling of IL13-Induced Signaling in Hodgkin and Primary Mediastinal B-Cell Lymphoma Allows Prediction of Therapeutic Targets. <i>Cancer Research</i> , 2011, 71, 693-704.	0.4	82
30	Downregulation of the TGF $\beta$ 2 Pseudoreceptor BAMBI in Non-Small Cell Lung Cancer Enhances TGF $\beta$ 2 Signaling and Invasion. <i>Cancer Research</i> , 2016, 76, 3785-3801.	0.4	75
31	Theoretical and experimental analysis links isoform-specific ERK signalling to cell fate decisions. <i>Molecular Systems Biology</i> , 2009, 5, 334.	3.2	72
32	Protein abundance of AKT and ERK pathway components governs cell type-specific regulation of proliferation. <i>Molecular Systems Biology</i> , 2017, 13, 904.	3.2	72
33	Forced Dimerization of gp130 Leads to Constitutive STAT3 Activation, Cytokine-independent Growth, and Blockade of Differentiation of Embryonic Stem Cells. <i>Molecular Biology of the Cell</i> , 2006, 17, 2986-2995.	0.9	71
34	The microtubule affinity regulating kinase MARK4 promotes axoneme extension during early ciliogenesis. <i>Journal of Cell Biology</i> , 2013, 200, 505-522.	2.3	71
35	A Rapidly Reversible Chemical Dimerizer System to Study Lipid Signaling in Living Cells. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6720-6723.	7.2	70
36	The Interface between Self-assembling Erythropoietin Receptor Transmembrane Segments Corresponds to a Membrane-spanning Leucine Zipper. <i>Journal of Biological Chemistry</i> , 2004, 279, 3273-3279.	1.6	68

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37	Effects of Telomerase Modulation in Human Hematopoietic Progenitor Cells. <i>Stem Cells</i> , 2004, 22, 741-749.	1.4	67
38	Sox6 cell-autonomously stimulates erythroid cell survival, proliferation, and terminal maturation and is thereby an important enhancer of definitive erythropoiesis during mouse development. <i>Blood</i> , 2006, 108, 1198-1207.	0.6	67
39	Computational processing and error reduction strategies for standardized quantitative data in biological networks. <i>FEBS Journal</i> , 2005, 272, 6400-6411.	2.2	66
40	Distinct roles of Mdm2 and Mdm4 in red cell production. <i>Blood</i> , 2007, 109, 2630-2633.	0.6	63
41	Unbiased RNAi screen for hepcidin regulators links hepcidin suppression to proliferative Ras/RAF and nutrient-dependent mTOR signaling. <i>Blood</i> , 2014, 123, 1574-1585.	0.6	62
42	MODELING THE NONLINEAR DYNAMICS OF CELLULAR SIGNAL TRANSDUCTION. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2004, 14, 2069-2079.	0.7	59
43	Predictive mathematical models of cancer signalling pathways. <i>Journal of Internal Medicine</i> , 2012, 271, 155-165.	2.7	56
44	High-dimensional Bayesian parameter estimation: Case study for a model of JAK2/STAT5 signaling. <i>Mathematical Biosciences</i> , 2013, 246, 293-304.	0.9	56
45	Resolving the Combinatorial Complexity of Smad Protein Complex Formation and Its Link to Gene Expression. <i>Cell Systems</i> , 2018, 6, 75-89.e11.	2.9	55
46	Erythropoietin Receptor Mutations Associated With Familial Erythrocytosis Cause Hypersensitivity to Erythropoietin in the Heterozygous State. <i>Blood</i> , 1999, 94, 2530-2532.	0.6	54
47	Conditional deletion of Nedd4-2 in lung epithelial cells causes progressive pulmonary fibrosis in adult mice. <i>Nature Communications</i> , 2020, 11, 2012.	5.8	52
48	Whither systems medicine?. <i>Experimental and Molecular Medicine</i> , 2018, 50, e453-e453.	3.2	49
49	Quenched Substrates for Live-Cell Labeling of SNAP-Tagged Fusion Proteins with Improved Fluorescent Background. <i>Analytical Chemistry</i> , 2010, 82, 8186-8193.	3.2	48
50	Erythropoiesis and globin switching in compound Klf1::Bcl11a mutant mice. <i>Blood</i> , 2013, 121, 2553-2562.	0.6	46
51	Combining theoretical analysis and experimental data generation reveals IRF9 as a crucial factor for accelerating interferon $\alpha$ -induced early antiviral signalling. <i>FEBS Journal</i> , 2010, 277, 4741-4754.	2.2	45
52	Quantitative analysis of amino acid metabolism in liver cancer links glutamate excretion to nucleotide synthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10294-10304.	3.3	45
53	Heterogeneous kinetics of AKT signaling in individual cells are accounted for by variable protein concentration. <i>Frontiers in Physiology</i> , 2012, 3, 451.	1.3	43
54	The virtual liver: state of the art and future perspectives. <i>Archives of Toxicology</i> , 2014, 88, 2071-2075.	1.9	41

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55	Identification of Cell Type-Specific Differences in Erythropoietin Receptor Signaling in Primary Erythroid and Lung Cancer Cells. <i>PLoS Computational Biology</i> , 2016, 12, e1005049.	1.5	41
56	Disentangling molecular mechanisms regulating sensitization of interferon alpha signal transduction. <i>Molecular Systems Biology</i> , 2020, 16, e8955.	3.2	41
57	Identification of Isoform-Specific Dynamics in Phosphorylation-Dependent STAT5 Dimerization by Quantitative Mass Spectrometry and Mathematical Modeling. <i>Journal of Proteome Research</i> , 2014, 13, 5685-5694.	1.8	38
58	A systems biology approach to analyse amplification in the JAK2-STAT5 signalling pathway. <i>BMC Systems Biology</i> , 2008, 2, 38.	3.0	37
59	Transcription Factors KLF1 and KLF2 Positively Regulate Embryonic and Fetal $\beta$ -Globin Genes through Direct Promoter Binding. <i>Journal of Biological Chemistry</i> , 2011, 286, 24819-24827.	1.6	36
60	Cancer cell specific inhibition of Wnt/ $\beta$ -catenin signaling by forced intracellular acidification. <i>Cell Discovery</i> , 2018, 4, 37.	3.1	34
61	Tyrosine Residues within the Intracellular Domain of the Erythropoietin Receptor Mediate Activation of AP-1 Transcription Factors. <i>Journal of Biological Chemistry</i> , 1998, 273, 2396-2401.	1.6	33
62	Quantitative data generation for systems biology: the impact of randomisation, calibrators and normalisers. <i>IET Systems Biology</i> , 2005, 152, 193.	2.0	33
63	Quantitative protein microarrays for time-resolved measurements of protein phosphorylation. <i>Proteomics</i> , 2008, 8, 4603-4612.	1.3	30
64	An integrative model links multiple inputs and signaling pathways to the onset of DNA synthesis in hepatocytes. <i>FEBS Journal</i> , 2012, 279, 3290-3313.	2.2	30
65	Dynamics and feedback loops in the transforming growth factor $\beta$ signaling pathway. <i>Biophysical Chemistry</i> , 2012, 162, 22-34.	1.5	29
66	The Erythropoietin Receptor: Biogenesis, Dimerization, and Intracellular Signal Transduction. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 1995, 60, 93-104.	2.0	29
67	Protein tyrosine phosphatase 1B participates in the down-regulation of erythropoietin receptor signalling. <i>Biochemical Journal</i> , 2004, 377, 517-524.	1.7	28
68	Tests for cycling in a signalling pathway. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2004, 53, 557-568.	0.5	27
69	Erythropoietin Improves the Accumulation and Therapeutic Effects of Carboplatin by Enhancing Tumor Vascularization and Perfusion. <i>Theranostics</i> , 2015, 5, 905-918.	4.6	27
70	Systems biology of JAK/STAT signalling. <i>Essays in Biochemistry</i> , 2008, 45, 109-120.	2.1	27
71	Phosphorylation of erythropoietin receptors in the endoplasmic reticulum by pervanadate-mediated inhibition of tyrosine phosphatases. <i>Biochemical Journal</i> , 1997, 327, 391-397.	1.7	26
72	Cytokinesis failure in RhoA-deficient mouse erythroblasts involves actomyosin and midbody dysregulation and triggers p53 activation. <i>Blood</i> , 2015, 126, 1473-1482.	0.6	26

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73	A Functional Green Fluorescent Protein-tagged Erythropoietin Receptor Despite Physical Separation of JAK2 Binding Site and Tyrosine Residues. <i>Journal of Biological Chemistry</i> , 2002, 277, 26547-26552.	1.6	24
74	Targeted Near-Infrared Imaging of the Erythropoietin Receptor in Human Lung Cancer Xenografts. <i>Journal of Nuclear Medicine</i> , 2012, 53, 304-311.	2.8	24
75	Vegf regulates embryonic erythroid development through Gata1 modulation. <i>Blood</i> , 2010, 116, 2141-2151.	0.6	23
76	The Cytokine-inducible Scr Homology Domain-containing Protein Negatively Regulates Signaling by Promoting Apoptosis in Erythroid Progenitor Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 2654-2660.	1.6	22
77	High-Content Imaging Platform for Profiling Intracellular Signaling Network Activity in Living Cells. <i>Cell Chemical Biology</i> , 2016, 23, 1550-1559.	2.5	21
78	Standardizing experimental protocols. <i>Current Opinion in Biotechnology</i> , 2008, 19, 354-359.	3.3	20
79	T160-phosphorylated $\text{CDK}2$ defines threshold for HGF-dependent proliferation in primary hepatocytes. <i>Molecular Systems Biology</i> , 2015, 11, 795.	3.2	19
80	Model Based Targeting of IL-6-Induced Inflammatory Responses in Cultured Primary Hepatocytes to Improve Application of the JAK Inhibitor Ruxolitinib. <i>Frontiers in Physiology</i> , 2017, 8, 775.	1.3	19
81	Model-based identification of TNF-induced IKK $2$ -mediated and I $\beta$ -mediated regulation of NF $\kappa$ B signal transduction as a tool to quantify the impact of drug-induced liver injury compounds. <i>Npj Systems Biology and Applications</i> , 2018, 4, 23.	1.4	19
82	Cellular ERK Phospho-Form Profiles with Conserved Preference for a Switch-Like Pattern. <i>Journal of Proteome Research</i> , 2013, 12, 637-646.	1.8	18
83	Context-specific flow through the MEK/ERK module produces cell- and ligand-specific patterns of ERK single and double phosphorylation. <i>Science Signaling</i> , 2016, 9, ra13.	1.6	18
84	Hepatocyte-specific S100a8 and S100a9 transgene expression in mice causes Cxcl1 induction and systemic neutrophil enrichment. <i>Cell Communication and Signaling</i> , 2012, 10, 40.	2.7	17
85	Knowledge-based matrix factorization temporally resolves the cellular responses to IL-6 stimulation. <i>BMC Bioinformatics</i> , 2010, 11, 585.	1.2	16
86	Short-term information processing, long-term responses: Insights by mathematical modeling of signal transduction. <i>BioEssays</i> , 2012, 34, 542-550.	1.2	16
87	Unraveling liver complexity from molecular to organ level: Challenges and perspectives. <i>Progress in Biophysics and Molecular Biology</i> , 2015, 117, 78-86.	1.4	16
88	TTCA: an R package for the identification of differentially expressed genes in time course microarray data. <i>BMC Bioinformatics</i> , 2017, 18, 33.	1.2	16
89	Packing Density of the Erythropoietin Receptor Transmembrane Domain Correlates with Amplification of Biological Responses. <i>Biochemistry</i> , 2008, 47, 11771-11782.	1.2	15
90	Disentangling the Complexity of HGF Signaling by Combining Qualitative and Quantitative Modeling. <i>PLoS Computational Biology</i> , 2015, 11, e1004192.	1.5	15

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91	One-source peptide/phosphopeptide standards for accurate phosphorylation degree determination. <i>Proteomics</i> , 2011, 11, 490-494.	1.3	14
92	Hfe Deficiency Impairs Pulmonary Neutrophil Recruitment in Response to Inflammation. <i>PLoS ONE</i> , 2012, 7, e39363.	1.1	14
93	IL-1 $\beta$ -induced and p38MAPK-dependent activation of the mitogen-activated protein kinase-activated protein kinase 2 (MK2) in hepatocytes: Signal transduction with robust and concentration-independent signal amplification. <i>Journal of Biological Chemistry</i> , 2017, 292, 6291-6302.	1.6	14
94	Dynamic Pathway Modeling: Feasibility Analysis and Optimal Experimental Design. <i>Annals of the New York Academy of Sciences</i> , 2007, 1115, 212-220.	1.8	13
95	Hepatocellular carcinoma: a systems biology perspective. <i>Frontiers in Physiology</i> , 2013, 4, 28.	1.3	12
96	A Thymic Epithelial Stem Cell Pool Persists throughout Ontogeny and Is Modulated by TGF- $\beta$ 2. <i>Cell Reports</i> , 2016, 17, 448-457.	2.9	12
97	Expression ratio of the TGF- $\beta$ 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
98	Model-based extension of high-throughput to high-content data. <i>BMC Systems Biology</i> , 2010, 4, 106.	3.0	10
99	Correlated receptor transport processes buffer single-cell heterogeneity. <i>PLoS Computational Biology</i> , 2017, 13, e1005779.	1.5	10
100	Cell-to-cell variability in JAK2/STAT5 pathway components and cytoplasmic volumes defines survival threshold in erythroid progenitor cells. <i>Cell Reports</i> , 2021, 36, 109507.	2.9	10
101	A Systems Biology Study on NF- $\kappa$ B Signaling in Primary Mouse Hepatocytes. <i>Frontiers in Physiology</i> , 2012, 3, 466.	1.3	9
102	Prognostic Significance of Erythropoietin in Pancreatic Adenocarcinoma. <i>PLoS ONE</i> , 2011, 6, e23151.	1.1	8
103	Genome-Wide DNA Methylation Profiling in Early Stage I Lung Adenocarcinoma Reveals Predictive Aberrant Methylation in the Promoter Region of the Long Noncoding RNA PLUT: An Exploratory Study. <i>Journal of Thoracic Oncology</i> , 2020, 15, 1338-1350.	0.5	8
104	Leukemogenic Ptpn11 Allele Causes Defective Erythropoiesis in Mice. <i>PLoS ONE</i> , 2014, 9, e109682.	1.1	8
105	Centrosomal targeting of tyrosine kinase activity does not enhance oncogenicity in chronic myeloproliferative disorders. <i>Leukemia</i> , 2012, 26, 728-735.	3.3	7
106	Receptor Dynamics in Signaling. <i>Advances in Experimental Medicine and Biology</i> , 2012, 736, 313-323.	0.8	6
107	In silico labeling reveals the time-dependent label half-life and transit-time in dynamical systems. <i>BMC Systems Biology</i> , 2012, 6, 13.	3.0	6
108	Spatial aspects in the SMAD signaling pathway. <i>Journal of Mathematical Biology</i> , 2013, 67, 1171-1197.	0.8	6

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109	The hepatotoxic fluoroquinolone trovafloxacin disturbs TNF- and LPS-induced p65 nuclear translocation in vivo and in vitro. <i>Toxicology and Applied Pharmacology</i> , 2020, 391, 114915.	1.3	6
110	Hypoxia Routes Tryptophan Homeostasis Towards Increased Tryptamine Production. <i>Frontiers in Immunology</i> , 2021, 12, 590532.	2.2	6
111	MSPipeline: a python package for streamlined data analysis of mass spectrometry-based proteomics. <i>Bioinformatics Advances</i> , 2022, 2, .	0.9	6
112	Identification of Interleukin1 $\beta$ as an Amplifier of Interferon alpha-induced Antiviral Responses. <i>PLoS Pathogens</i> , 2020, 16, e1008461.	2.1	5
113	Theoretical Analysis of Time-to-Peak Responses in Biological Reaction Networks. <i>Bulletin of Mathematical Biology</i> , 2011, 73, 978-1003.	0.9	4
114	The ParaHox gene Cdx4 induces acute erythroid leukemia in mice. <i>Blood Advances</i> , 2019, 3, 3729-3739.	2.5	4
115	Deciphering signal transduction networks in the liver by mechanistic mathematical modelling. <i>Biochemical Journal</i> , 2022, 479, 1361-1374.	1.7	4
116	Exemplify: A Flexible Template Based Solution, Parsing and Managing Data in Spreadsheets for Experimentalists. <i>Journal of Integrative Bioinformatics</i> , 2013, 10, 58-70.	1.0	3
117	Biological Foundations of Signal Transduction and the Systems Biology Perspective. , 2006, , 149-168.		2
118	Biological Foundations of Signal Transduction, Systems Biology and Aberrations in Disease. , 2014, , 45-64.		1
119	Automated Detection of Portal Fields and Central Veins in Whole-Slide Images of Liver Tissue. <i>Journal of Pathology Informatics</i> , 2022, 13, 100001.	0.8	1
120	Exemplify: a flexible template based solution, parsing and managing data in spreadsheets for experimentalists. <i>Journal of Integrative Bioinformatics</i> , 2013, 10, 220.	1.0	1
121	Quantification of frap experiments in live cell image sequences by combining segmentation and registration. , 2011, , .		0
122	P117 HOLISTIC APPROACH TO UNRAVEL FUNCTIONS AND REGULATION OF HGF IN LIVER REGENERATION. <i>Journal of Hepatology</i> , 2014, 60, S105.	1.8	0
123	A systems biology approach to unravel the drug-TNF $\alpha$ signaling synergy in idiosyncratic DILI. <i>Toxicology Letters</i> , 2014, 229, S39.	0.4	0
124	P0428 : LPS-stimulated mouse hepatic stellate cells secrete specific factors that directly contribute to the acute phase response of hepatocytes. <i>Journal of Hepatology</i> , 2015, 62, S473.	1.8	0
125	Characterisation of cell-type-specific responses in the liver towards IL-1 $\beta$ by a mathematical model for the p38MAPK/MK2 pathway. <i>Journal of Hepatology</i> , 2017, 66, S642.	1.8	0
126	Liver progenitor cells regulate ductular reaction and induce fibrosis upon severe liver injury via RAGE signaling. <i>Zeitschrift Fur Gastroenterologie</i> , 2021, 59, .	0.2	0



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127	Interaction Between Experiment, Modeling and Simulation of Spatial Aspects in the JAK2/STAT5 Signaling Pathway. Contributions in Mathematical and Computational Sciences, 2013, , 125-143.	0.3	0
128	Cellular and nuclear hepatocyte ploidy represent a repository in regenerating livers. Zeitschrift Fur Gastroenterologie, 2019, 57, .	0.2	0
129	Prediction of Pathway Desensitization by Mathematical Modeling of IFN $\gamma$ Signal Transduction. Zeitschrift Fur Gastroenterologie, 2019, 57, .	0.2	0
130	Extracellular vesicles from steatotic hepatocytes influence stellate cells in liver fibrosis. Zeitschrift Fur Gastroenterologie, 2020, 58, .	0.2	0
131	Interference of TGF $\beta$ with the activation state of liver macrophages and consequences for liver injury and regeneration. Zeitschrift Fur Gastroenterologie, 2022, 60, .	0.2	0