

# Susanne Kneitz

## List of Publications by Citations

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**Version:** 2024-04-27

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35  
papers

614  
citations

14  
h-index

24  
g-index

37  
ext. papers

926  
ext. citations

6  
avg, IF

3.61  
L-index

#	Paper	IF	Citations
35	Subcellular transcriptome alterations in a cell culture model of spinal muscular atrophy point to widespread defects in axonal growth and presynaptic differentiation. <i>Rna</i> , <b>2014</b> , 20, 1789-802	5.8	67
34	Gene expression profiles of brain endothelial cells during embryonic development at bulk and single-cell levels. <i>Science Signaling</i> , <b>2017</b> , 10,	8.8	67
33	The sterlet sturgeon genome sequence and the mechanisms of segmental rediploidization. <i>Nature Ecology and Evolution</i> , <b>2020</b> , 4, 841-852	12.3	65
32	Clonal polymorphism and high heterozygosity in the celibate genome of the Amazon molly. <i>Nature Ecology and Evolution</i> , <b>2018</b> , 2, 669-679	12.3	60
31	RNA-seq analysis identifies different transcriptomic types and developmental trajectories of primary melanomas. <i>Oncogene</i> , <b>2018</b> , 37, 6136-6151	9.2	49
30	Regulation of matrix metalloproteinases (MMPs) expression and secretion in MDA-MB-231 breast cancer cells by LIM and SH3 protein 1 (LASP1). <i>Oncotarget</i> , <b>2016</b> , 7, 64244-64259	3.3	31
29	miR-221-3p Regulates VEGFR2 Expression in High-Risk Prostate Cancer and Represents an Escape Mechanism from Sunitinib In Vitro. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	30
28	Impact of miR-21, miR-126 and miR-221 as prognostic factors of clear cell renal cell carcinoma with tumor thrombus of the inferior vena cava. <i>PLoS ONE</i> , <b>2014</b> , 9, e109877	3.7	28
27	The transcription factor NRF2 enhances melanoma malignancy by blocking differentiation and inducing COX2 expression. <i>Oncogene</i> , <b>2020</b> , 39, 6841-6855	9.2	22
26	Comparative analysis of melanoma deregulated miRNAs in the medaka and Xiphophorus pigment cell cancer models. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2014</b> , 163, 64-76	3.2	19
25	Mechanisms of epigenetic and cell-type specific regulation of Hey target genes in ES cells and cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2015</b> , 79, 79-88	5.8	18
24	RADSex: A computational workflow to study sex determination using restriction site-associated DNA sequencing data. <i>Molecular Ecology Resources</i> , <b>2021</b> , 21, 1715-1731	8.4	16
23	The genome of the arapaima ( <i>Arapaima gigas</i> ) provides insights into gigantism, fast growth and chromosomal sex determination system. <i>Scientific Reports</i> , <b>2019</b> , 9, 5293	4.9	15
22	Independent Origin of XY and ZW Sex Determination Mechanisms in Mosquitofish Sister Species. <i>Genetics</i> , <b>2020</b> , 214, 193-209	4	15
21	Long-term experimental hybridisation results in the evolution of a new sex chromosome in swordtail fish. <i>Nature Communications</i> , <b>2018</b> , 9, 5136	17.4	14
20	Periodontal treatment prevents arthritis in mice and methotrexate ameliorates periodontal bone loss. <i>Scientific Reports</i> , <b>2019</b> , 9, 8128	4.9	12
19	Molecular genetic analysis of the melanoma regulatory locus in Xiphophorus interspecies hybrids. <i>Molecular Carcinogenesis</i> , <b>2017</b> , 56, 1935-1944	5	9

18	Analysis of the putative tumor suppressor gene <i>cdkn2ab</i> in pigment cells and melanoma of Xiphophorus and medaka. <i>Pigment Cell and Melanoma Research</i> , <b>2019</b> , 32, 248-258	4.5	9
17	Oncogenic allelic interaction in highlights hybrid incompatibility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 29786-29794	11.5	9
16	Germ cell and tumor associated piRNAs in the medaka and Xiphophorus melanoma models. <i>BMC Genomics</i> , <b>2016</b> , 17, 357	4.5	9
15	Ras-Induced miR-146a and 193a Target <i>Jmjd6</i> to Regulate Melanoma Progression. <i>Frontiers in Genetics</i> , <b>2018</b> , 9, 675	4.5	9
14	Expression signatures of early-stage and advanced medaka melanomas. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2018</b> , 208, 20-28	3.2	8
13	Comparison of Xiphophorus and human melanoma transcriptomes reveals conserved pathway interactions. <i>Pigment Cell and Melanoma Research</i> , <b>2018</b> , 31, 496-508	4.5	7
12	Expression Signatures of Cisplatin- and Trametinib-Treated Early-Stage Medaka Melanomas. <i>G3: Genes, Genomes, Genetics</i> , <b>2019</b> , 9, 2267-2276	3.2	5
11	miR-221 Augments TRAIL-Mediated Apoptosis in Prostate Cancer Cells by Inducing Endogenous TRAIL Expression and Targeting the Functional Repressors SOCS3 and PIK3R1. <i>BioMed Research International</i> , <b>2019</b> , 2019, 6392748	3	5
10	Gene expression variation and parental allele inheritance in a Xiphophorus interspecies hybridization model. <i>PLoS Genetics</i> , <b>2018</b> , 14, e1007875	6	4
9	Implications of the null mutation for synapsin phosphorylation, longevity, climbing proficiency and behavioural plasticity in adult. <i>Journal of Experimental Biology</i> , <b>2019</b> , 222,	3	3
8	A novel evolutionary conserved mechanism of RNA stability regulates synexpression of primordial germ cell-specific genes prior to the sex-determination stage in medaka. <i>PLoS Biology</i> , <b>2019</b> , 17, e3000185	8.7	3
7	Periodontal pathogens alter the synovial proteome. Periodontal pathogens do not exacerbate macroscopic arthritis but alter the synovial proteome in mice. <i>PLoS ONE</i> , <b>2020</b> , 15, e0242868	3.7	3
6	Infection With Attenuated Collagen-Induced Arthritis in Mice and Involved Mesenteric T and T Polarization. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 571049	8.4	3
5	Differential expression of transposable elements in the medaka melanoma model. <i>PLoS ONE</i> , <b>2021</b> , 16, e0251713	3.7	0
4	Periodontal pathogens alter the synovial proteome. Periodontal pathogens do not exacerbate macroscopic arthritis but alter the synovial proteome in mice <b>2020</b> , 15, e0242868		
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