Stefan Kurtenbach

List of Publications by Year
in descending order

43 papers	1,725 citations	430874 18 h-index	414414 32 g-index
49 all docs	49 docs citations	49 times ranked	2802 citing authors

#	Article	IF	Citations
1	Single-cell analysis reveals new evolutionary complexity in uveal melanoma. Nature Communications, 2020, 11, 496.	12.8	268
2	PRAME as an Independent Biomarker for Metastasis in Uveal Melanoma. Clinical Cancer Research, 2016, 22, 1234-1242.	7.0	205
3	Single-cell analysis of olfactory neurogenesis and differentiation in adult humans. Nature Neuroscience, 2020, 23, 323-326.	14.8	165
4	Punctuated evolution of canonical genomic aberrations in uveal melanoma. Nature Communications, 2018, 9, 116.	12.8	144
5	Gain of function of ASXL1 truncating protein in the pathogenesis of myeloid malignancies. Blood, 2018, 131, 328-341.	1.4	133
6	Pannexin1 Stabilizes Synaptic Plasticity and Is Needed for Learning. PLoS ONE, 2012, 7, e51767.	2.5	121
7	Tmem16b is Specifically Expressed in the Cilia of Olfactory Sensory Neurons. Chemical Senses, 2010, 35, 239-245.	2.0	94
8	Epigenetic reprogramming and aberrant expression of PRAME are associated with increased metastatic risk in Class 1 and Class 2 uveal melanomas. Oncotarget, 2016, 7, 59209-59219.	1.8	94
9	BAP1 regulates epigenetic switch from pluripotency to differentiation in developmental lineages giving rise to BAP1-mutant cancers. Science Advances, 2019, 5, eaax1738.	10.3	57
10	Gap junction modulation and its implications for heart function. Frontiers in Physiology, 2014, 5, 82.	2.8	44
11	BAP1 Loss Is Associated with DNA Methylomic Repatterning in Highly Aggressive Class 2 Uveal Melanomas. Clinical Cancer Research, 2019, 25, 5663-5673.	7.0	41
12	Pannexin1 Channel Proteins in the Zebrafish Retina Have Shared and Unique Properties. PLoS ONE, 2013, 8, e77722.	2.5	41
13	Sleep-wakefulness cycle and behavior in pannexin1 knockout mice. Behavioural Brain Research, 2017, 318, 24-27.	2.2	35
14	Olfaction in Three Genetic and Two MPTP-Induced Parkinsonâ€™s Disease Mouse Models. PLoS ONE, 2013, 8, e77509.	2.5	32
15	The smelling of Hedione results in sex-differentiated human brain activity. NeuroImage, 2015, 113, 365-373.	4.2	27
16	Investigation of olfactory function in a Panx1 knock out mouse model. Frontiers in Cellular Neuroscience, 2014, 8, 266.	3.7	23
17	Dual Screen for Efficacy and Toxicity Identifies HDAC Inhibitor with Distinctive Activity Spectrum for BAP1-Mutant Uveal Melanoma. Molecular Cancer Research, 2021, 19, 215-222.	3.4	21
18	Odorant-Dependent Generation of Nitric Oxide in Mammalian Olfactory Sensory Neurons. PLoS ONE, 2009, 4, e5499.	2.5	21

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19	Impact of the Usher syndrome on olfaction. Human Molecular Genetics, 2016, 25, 524-533.	2.9	19
20	Emerging functions of pannexin 1 in the eye. Frontiers in Cellular Neuroscience, 2014, 8, 263.	3.7	17
21	Uphyloplot2: visualizing phylogenetic trees from single-cell RNA-seq data. BMC Genomics, 2021, 22, 419.	2.8	17
22	Molecular evolution of a chordate specific family of G protein-coupled receptors. BMC Evolutionary Biology, 2011, 11, 234.	3.2	16
23	A Potential Compensatory Role of Panx3 in the VNO of a Panx1 Knock Out Mouse Model. Frontiers in Molecular Neuroscience, 2018, 11, 135.	2.9	15
24	The BEACH Protein LRBA Promotes the Localization of the Heterotrimeric G-protein Golf to Olfactory Cilia. Scientific Reports, 2017, 7, 8409.	3.3	10
25	ChIPprimersDB: a public repository of verified qPCR primers for chromatin immunoprecipitation (ChIP). Nucleic Acids Research, 2019, 47, D46-D49.	14.5	9
26	Isolation, culture optimization and functional characterization of stem cell neurospheres from mouse neonatal olfactory bulb and epithelium. European Archives of Oto-Rhino-Laryngology, 2017, 274, 3071-3085.	1.6	7
27	Establishment and Characterization of a Novel Human Ocular Adnexal Sebaceous Carcinoma Cell Line. Translational Vision Science and Technology, 2021, 10, 34.	2.2	4
28	PieParty: visualizing cells from scRNA-seq data as pie charts. Life Science Alliance, 2021, 4, e202000986.	2.8	2
29	Abstract 4861: The role of PRAME in promoting uveal melanoma metastasis. Cancer Research, 2017, 77, 4861-4861.	0.9	2
30	Array data extractor (ADE): a LabVIEW program to extract and merge gene array data. BMC Research Notes, 2013, 6, 496.	1.4	1
31	Abstract 1541: The tumor suppressor BAP1 promotes a developmental switch from pluripotency to differentiation. Cancer Research, 2017, 77, 1541-1541.	0.9	1
32	Abstract 4025: New candidate therapy for BAP1-mutant cancer identified using novel screen. , 2020, , .		1
33	Abstract 3027: Role of BCOR in retinoblastoma. , 2021, , .		0
34	Abstract 2764: Mechanisms of genomic-microenvironmental interactions in uveal melanoma. , 2021, , .		0
35	Abstract 4348: Methylation analysis of uveal melanoma reveals definitive patterns in tumors harboring BAP1 mutations. , 2017, , .		0
36	Abstract 794: Potential role of DLL4 in uveal melanoma vascular mimicry. , 2017, , .		0

#	Article	IF	Citations
37	Abstract 5369: Epigenetic, transciptomic and ubiquitomic changes associated with BAP1 loss in uveal melanoma. , 2017, , .		0
38	Abstract 3390: Clonal evolution in uveal melanoma. , 2017, , .		0
39	Abstract 5199: A novel role for BAP1 in development and tumor suppression. , 2019, , .		0
40	Abstract 4244: Novel expressed long non-coding RNAs in uveal melanoma. , 2019, , .		0
41	Abstract 1591: Single cell analysis of uveal melanoma reveals new evolutionary complexity. , 2020, , .		0
42	Abstract 2737: PRAME misexpression alters protein ubiquitination and leads to increased invasion and metastasis in uveal melanoma. , 2019, , .		0
43	Abstract 855: Analysis of canonical uveal melanoma mutations reveals novel signaling effects. Cancer Research, 2022, 82, 855-855.	0.9	0