

# Karl KÄhler

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,386  
citations

361413

20  
h-index

377865

34  
g-index

54  
all docs

54  
docs citations

54  
times ranked

3063  
citing authors

#	ARTICLE	IF	CITATIONS
1	Type I Interferon Protects Antiviral CD8+ T Cells from NK Cell Cytotoxicity. <i>Immunity</i> , 2014, 40, 949-960.	14.3	191
2	Molecular Diagnostics of Gliomas Using Next Generation Sequencing of a Glioma-tailored Gene Panel. <i>Brain Pathology</i> , 2017, 27, 146-159.	4.1	130
3	Aryl Hydrocarbon Receptor in Keratinocytes Is Essential for Murine Skin Barrier Integrity. <i>Journal of Investigative Dermatology</i> , 2016, 136, 2260-2269.	0.7	97
4	Evidence for phloem loading via the abaxial bundle sheath cells in maize leaves. <i>Plant Cell</i> , 2021, 33, 531-547.	6.6	85
5	An intact gut microbiome protects genetically predisposed mice against leukemia. <i>Blood</i> , 2020, 136, 2003-2017.	1.4	64
6	Reprogramming of pro-inflammatory human macrophages to an anti-inflammatory phenotype by bile acids. <i>Scientific Reports</i> , 2018, 8, 255.	3.3	60
7	Inhibition of Wnt/beta-catenin signaling downregulates expression of aldehyde dehydrogenase isoform 3A1 (ALDH3A1) to reduce resistance against temozolomide in glioblastoma <i>in vitro</i> . <i>Oncotarget</i> , 2018, 9, 22703-22716.	1.8	50
8	Melanocortin-1 receptor activation is neuroprotective in mouse models of neuroinflammatory disease. <i>Science Translational Medicine</i> , 2016, 8, 362ra146.	12.4	48
9	Inhibition of Class I Histone Deacetylases 1 and 2 Promotes Urothelial Carcinoma Cell Death by Various Mechanisms. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 299-312.	4.1	48
10	USP8 Mutations in Pituitary Cushing Adenomas Targeted Analysis by Next-Generation Sequencing. <i>Journal of the Endocrine Society</i> , 2018, 2, 266-278.	0.2	40
11	The mobile SAR signal N-hydroxypipicolinic acid induces NPR1-dependent transcriptional reprogramming and immune priming. <i>Plant Physiology</i> , 2021, 186, 1679-1705.	4.8	39
12	Trehalose-6-Phosphate-Mediated Toxicity Determines Essentiality of OtsB2 in Mycobacterium tuberculosis In Vitro and in Mice. <i>PLoS Pathogens</i> , 2016, 12, e1006043.	4.7	35
13	Acid ceramidase of macrophages traps herpes simplex virus in multivesicular bodies and protects from severe disease. <i>Nature Communications</i> , 2020, 11, 1338.	12.8	32
14	A transcriptome comparison of time-matched developing human, mouse and rat neural progenitor cells reveals human uniqueness. <i>Toxicology and Applied Pharmacology</i> , 2018, 354, 40-55.	2.8	28
15	16S ribosomal DNA sequence-based identification of bacteria in laboratory rodents: a practical approach in laboratory animal bacteriology diagnostics. <i>Laboratory Animals</i> , 2014, 48, 305-312.	1.0	26
16	Characterization and application of electrically active neuronal networks established from human induced pluripotent stem cell-derived neural progenitor cells for neurotoxicity evaluation. <i>Stem Cell Research</i> , 2020, 45, 101761.	0.7	25
17	The Mammalian Orthologs of <i>Drosophila</i> Lgd, CC2D1A and CC2D1B, Function in the Endocytic Pathway, but Their Individual Loss of Function Does Not Affect Notch Signalling. <i>PLoS Genetics</i> , 2015, 11, e1005749.	3.5	25
18	Dysregulation of a specific immune-related network of genes biologically defines a subset of schizophrenia. <i>Translational Psychiatry</i> , 2019, 9, 156.	4.8	24

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19	Combination of Decitabine and Entinostat Synergistically Inhibits Urothelial Bladder Cancer Cells via Activation of FoxO1. <i>Cancers</i> , 2020, 12, 337.	3.7	23
20	Increased Remyelination and Proregenerative Microglia Under Siponimod Therapy in Mechanistic Models. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2022, 9, .	6.0	23
21	Contingencies of UTX/KDM6A Action in Urothelial Carcinoma. <i>Cancers</i> , 2019, 11, 481.	3.7	21
22	Impact of dietary nitrate on age-related diastolic dysfunction. <i>European Journal of Heart Failure</i> , 2016, 18, 599-610.	7.1	20
23	MicroRNA-1-associated effects of neuron-specific brain-derived neurotrophic factor gene deletion in dorsal root ganglia. <i>Molecular and Cellular Neurosciences</i> , 2016, 75, 36-43.	2.2	19
24	MiR-34a is differentially expressed in dorsal root ganglia in a rat model of chronic neuropathic pain. <i>Neuroscience Letters</i> , 2019, 708, 134365.	2.1	19
25	Epigenetic Priming of Bladder Cancer Cells With Decitabine Increases Cytotoxicity of Human EGFR and CD44v6 CAR Engineered T-Cells. <i>Frontiers in Immunology</i> , 2021, 12, 782448.	4.8	15
26	HDAC5 Expression in Urothelial Carcinoma Cell Lines Inhibits Long-Term Proliferation but Can Promote Epithelial-to-Mesenchymal Transition. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2135.	4.1	14
27	Flavanol Consumption in Healthy Men Preserves Integrity of Immunological Endothelial Barrier Cell Functions: Nutri(epi)genomic Analysis. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100991.	3.3	14
28	Dietary Nitrate Is a Modifier of Vascular Gene Expression in Old Male Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-12.	4.0	13
29	Long-Term, Low-Frequency Cluster of a German-Imipenemase-1-Producing <i>Enterobacter hormaechei</i> ssp. <i>steigerwaltii</i> ST89 in a Tertiary Care Hospital in Germany. <i>Microbial Drug Resistance</i> , 2018, 24, 1305-1315.	2.0	13
30	AHR Signaling Dampens Inflammatory Signature in Neonatal Skin $\gamma\delta$ T Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2249.	4.1	11
31	TBBPA targets converging key events of human oligodendrocyte development resulting in two novel AOPs. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2021, 38, 215-234.	1.5	10
32	Cooperative role of lymphotoxin $\beta$ 2 receptor and tumor necrosis factor receptor p55 in murine liver regeneration. <i>Journal of Hepatology</i> , 2016, 64, 1108-1117.	3.7	9
33	Dominant TNF $\alpha$ and impaired IL $\beta$ 2 cytokine profiles of CD4 + T cells from children with type 1 diabetes. <i>Immunology and Cell Biology</i> , 2017, 95, 630-639.	2.3	9
34	Many Different LINE-1 Retroelements Are Activated in Bladder Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9433.	4.1	9
35	Regulation of the Mitochondrion-Fatty Acid Axis for the Metabolic Reprogramming of <i>Chlamydia trachomatis</i> during Treatment with $\beta$ -Lactam Antimicrobials. <i>MBio</i> , 2021, 12, .	4.1	9
36	Microglia contributes to remyelination in cerebral but not spinal cord ischemia. <i>Glia</i> , 2021, 69, 2739-2751.	4.9	9

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37	Cooperative and distinct functions of MK2 and MK3 in the regulation of the macrophage transcriptional response to lipopolysaccharide. <i>Scientific Reports</i> , 2019, 9, 11021.	3.3	8
38	Distinctive mutational spectrum and karyotype disruption in long-term cisplatin-treated urothelial carcinoma cell lines. <i>Scientific Reports</i> , 2019, 9, 14476.	3.3	8
39	GLI3 repressor but not GLI3 activator is essential for mouse eye patterning and morphogenesis. <i>Developmental Biology</i> , 2019, 450, 141-154.	2.0	8
40	Influence of somatic mutations and pretransplant strategies in patients allografted for myelodysplastic syndrome or secondary acute myeloid leukemia. <i>American Journal of Hematology</i> , 2021, 96, E15-E17.	4.1	7
41	Rodentibacter haemolyticus sp. nov. isolated from laboratory rodents. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	1.7	7
42	Genome sequencing of <i>Chlamydia trachomatis</i> serovars E and F reveals substantial genetic variation. <i>Pathogens and Disease</i> , 2017, 75, .	2.0	6
43	Acute myeloid leukemia-induced functional inhibition of healthy CD34+ hematopoietic stem and progenitor cells. <i>Stem Cells</i> , 2021, 39, 1270-1284.	3.2	6
44	Knockdown of UTX/KDM6A Enriches Precursor Cell Populations in Urothelial Cell Cultures and Cell Lines. <i>Cancers</i> , 2020, 12, 1023.	3.7	5
45	Application of the adverse outcome pathway concept for investigating developmental neurotoxicity potential of Chinese herbal medicines by using human neural progenitor cells in vitro. <i>Cell Biology and Toxicology</i> , 2023, 39, 319-343.	5.3	5
46	MRI-based molecular imaging of epicardium-derived stromal cells (EpiSC) by peptide-mediated active targeting. <i>Scientific Reports</i> , 2020, 10, 21669.	3.3	4
47	The transcription factor reservoir and chromatin landscape in activated plasmacytoid dendritic cells. <i>BMC Genomic Data</i> , 2021, 22, 37.	1.7	4
48	Proteomic and transcriptomic profiles of human urothelial cancer cells with histone deacetylase 5 overexpression. <i>Scientific Data</i> , 2022, 9, .	5.3	4
49	The Mycotoxin Beauvericin Exhibits Immunostimulatory Effects on Dendritic Cells via Activating the TLR4 Signaling Pathway. <i>Frontiers in Immunology</i> , 2022, 13, 856230.	4.8	2
50	Lymphotoxin $\hat{I}^2$ Receptor: a Crucial Role in Innate and Adaptive Immune Responses against <i>Toxoplasma gondii</i> . <i>Infection and Immunity</i> , 2021, 89, .	2.2	1
51	Lymphotoxin- $\hat{I}^2$ -receptor (LT $\hat{I}^2$ R) signaling on hepatocytes is required for liver regeneration after partial hepatectomy. <i>Biological Chemistry</i> , 2021, 402, 1147-1154.	2.5	0