

Robert Gurke

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

963
citations

687363

13
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

1783
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous determination of most prescribed antibiotics in multiple urban wastewater by SPE-LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 969, 162-170.	2.3	170
2	Occurrence and removal of frequently prescribed pharmaceuticals and corresponding metabolites in wastewater of a sewage treatment plant. <i>Science of the Total Environment</i> , 2015, 532, 762-770.	8.0	153
3	Seasonality of antibiotic prescriptions for outpatients and resistance genes in sewers and wastewater treatment plant outflow. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw060.	2.7	124
4	Photocatalytic degradation of pharmaceuticals present in conventional treated wastewater by nanoparticle suspensions. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 287-292.	6.7	82
5	Development of a SPE-HPLC-MS/MS method for the determination of most prescribed pharmaceuticals and related metabolites in urban sewage samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 990, 23-30.	2.3	66
6	Members of the endocannabinoid system are distinctly regulated in inflammatory bowel disease and colorectal cancer. <i>Scientific Reports</i> , 2019, 9, 2358.	3.3	60
7	Evaluation of the matrix effect of different sample matrices for 33 pharmaceuticals by post-column infusion. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1000, 84-94.	2.3	36
8	Top soil removal reduces water pollution from phosphorus and dissolved organic matter and lowers methane emissions from rewetted peatlands. <i>Journal of Applied Ecology</i> , 2018, 55, 311-320.	4.0	33
9	UGCG overexpression leads to increased glycolysis and increased oxidative phosphorylation of breast cancer cells. <i>Scientific Reports</i> , 2020, 10, 8182.	3.3	32
10	High Glucosylceramides and Low Anandamide Contribute to Sensory Loss and Pain in Parkinson's Disease. <i>Movement Disorders</i> , 2020, 35, 1822-1833.	3.9	25
11	Implementation of lipidomics in clinical routine: Can fluoride/citrate blood sampling tubes improve preanalytical stability?. <i>Talanta</i> , 2020, 209, 120593.	5.5	23
12	Ge in-plane nanowires grown by MBE: influence of surface treatment. <i>CrystEngComm</i> , 2013, 15, 3478.	2.6	22
13	Low brain endocannabinoids associated with persistent non-goal directed nighttime hyperactivity after traumatic brain injury in mice. <i>Scientific Reports</i> , 2020, 10, 14929.	3.3	19
14	Endothelial Sphingosine-1-Phosphate Receptor 4 Regulates Blood-Brain Barrier Permeability and Promotes a Homeostatic Endothelial Phenotype. <i>Journal of Neuroscience</i> , 2022, 42, 1908-1929.	3.6	17
15	Ether lipid and sphingolipid expression patterns are estrogen receptor-dependently altered in breast cancer cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2020, 127, 105834.	2.8	11
16	Sphingolipid and Endocannabinoid Profiles in Adult Attention Deficit Hyperactivity Disorder. <i>Biomedicines</i> , 2021, 9, 1173.	3.2	11
17	Monoacylglycerol lipase deficiency in the tumor microenvironment slows tumor growth in non-small cell lung cancer. <i>Oncolmmunology</i> , 2021, 10, 1965319.	4.6	10
18	Metabolic Profiling in Rheumatoid Arthritis, Psoriatic Arthritis, and Psoriasis: Elucidating Pathogenesis, Improving Diagnosis, and Monitoring Disease Activity. <i>Journal of Personalized Medicine</i> , 2022, 12, 924.	2.5	10

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19	Endocannabinoids as potential biomarkers: It's all about pre-analytics. <i>Journal of Mass Spectrometry and Advances in the Clinical Lab</i> , 2021, 22, 56-63.	2.4	9
20	Impact of Hyperhomocysteinemia and Different Dietary Interventions on Cognitive Performance in a Knock-in Mouse Model for Alzheimer's Disease. <i>Nutrients</i> , 2020, 12, 3248.	4.1	8
21	A Data Science-Based Analysis Points at Distinct Patterns of Lipid Mediator Plasma Concentrations in Patients With Dementia. <i>Frontiers in Psychiatry</i> , 2019, 10, 41.	2.6	7
22	Phosphatidylethanolamine Deficiency and Triglyceride Overload in Perilesional Cortex Contribute to Non-Goal-Directed Hyperactivity after Traumatic Brain Injury in Mice. <i>Biomedicines</i> , 2022, 10, 914.	3.2	7
23	Sapropterin (BH4) Aggravates Autoimmune Encephalomyelitis in Mice. <i>Neurotherapeutics</i> , 2021, 18, 1862-1879.	4.4	5
24	Effects of Alzheimer-Like Pathology on Homocysteine and Homocysteic Acid Levels—An Exploratory In Vivo Kinetic Study. <i>International Journal of Molecular Sciences</i> , 2021, 22, 927.	4.1	5
25	Increased glucosylceramide production leads to decreased cell energy metabolism and lowered tumor marker expression in non-cancerous liver cells. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 7025-7041.	5.4	5
26	Functional Characterization of Knock-In Mice Expressing a 12/15-Lipoxygenating Alox5 Mutant Instead of the 5-Lipoxygenating Wild-Type Enzyme. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 1-17.	5.4	4
27	Visually guided preprocessing of bioanalytical laboratory data using an interactive R notebook (<i>pgulMP</i>). <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2021, 10, 1371-1381.	2.5	4
28	Increased Fat Taste Preference in Progranulin-Deficient Mice. <i>Nutrients</i> , 2021, 13, 4125.	4.1	2
29	The Roles of Long-Term Hyperhomocysteinemia and Micronutrient Supplementation in the APPNL ^{G4} Model of Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 876826.	3.4	0