Friederike Ehrhart

List of Publications by Year
in descending order

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36 papers	2,001 citations	516561 16 h-index	395590 33 g-index
44 all docs	44 docs citations	44 times ranked	4343 citing authors

#	Article	IF	Citations
1	WikiPathways: a multifaceted pathway database bridging metabolomics to other omics research. Nucleic Acids Research, 2018, 46, D661-D667.	6.5	708
2	WikiPathways: connecting communities. Nucleic Acids Research, 2021, 49, D613-D621.	6.5	519
3	Physical and biological properties of barium cross-linked alginate membranes. Biomaterials, 2007, 28, 1327-1345.	5.7	64
4	Rett syndrome â€“ biological pathways leading from MECP2 to disorder phenotypes. Orphanet Journal of Rare Diseases, 2016, 11, 158.	1.2	63
5	Integration among databases and data sets to support productive nanotechnology: Challenges and recommendations. NanoImpact, 2018, 9, 85-101.	2.4	56
6	COVID19 Disease Map, a computational knowledge repository of virusâ€“host interaction mechanisms. Molecular Systems Biology, 2021, 17, e10387.	3.2	53
7	Review and gap analysis: molecular pathways leading to fetal alcohol spectrum disorders. Molecular Psychiatry, 2019, 24, 10-17.	4.1	52
8	A Data Fusion Pipeline for Generating and Enriching Adverse Outcome Pathway Descriptions. Toxicological Sciences, 2018, 162, 264-275.	1.4	51
9	Physicochemical features of ultra-high viscosity alginates. Carbohydrate Research, 2009, 344, 985-995.	1.1	46
10	Low maternal melatonin level increases autism spectrum disorder risk in children. Research in Developmental Disabilities, 2018, 82, 79-89.	1.2	42
11	Current developments in the genetics of Rett and Rett-like syndrome. Current Opinion in Psychiatry, 2018, 31, 103-108.	3.1	35
12	CyTargetLinker app update: A flexible solution for network extension in Cytoscape. F1000Research, 2018, 7, 743.	0.8	26
13	Magnetic separation of encapsulated islet cells labeled with superparamagnetic iron oxide nano particles. Xenotransplantation, 2013, 20, 219-226.	1.6	21
14	Nanopublications: A Growing Resource of Provenance-Centric Scientific Linked Data. , 2018, , .		21
15	Integrated analysis of human transcriptome data for Rett syndrome finds a network of involved genes. World Journal of Biological Psychiatry, 2020, 21, 712-725.	1.3	19
16	CyTargetLinker app update: A flexible solution for network extension in Cytoscape. F1000Research, 2018, 7, 743.	0.8	18
17	Dispensing of very low volumes of ultra high viscosity alginate gels: a new tool for encapsulation of adherent cells and rapid prototyping of scaffolds and implants. BioTechniques, 2009, 46, 31-43.	0.8	17
18	Alterations in Human Liver Metabolome during Prolonged Cryostorage. Journal of Proteome Research, 2015, 14, 2758-2768.	1.8	16

#	Article	IF	Citations
19	Precision medicine in circadian rhythm sleepâ€“wake disorders: current state and future perspectives. Personalized Medicine, 2017, 14, 171-182.	0.8	16
20	MECP2 variation in Rett syndrome-An overview of current coverage of genetic and phenotype data within existing databases. Human Mutation, 2018, 39, 914-924.	1.1	15
21	Biocompatible Coating of Encapsulated Cells Using Ionotropic Gelation. PLoS ONE, 2013, 8, e73498.	1.1	14
22	Prader-Willi syndrome and Angelman syndrome: Visualisation of the molecular pathways for two chromosomal disorders. World Journal of Biological Psychiatry, 2019, 20, 670-682.	1.3	13
23	Ten simple rules for creating reusable pathway models for computational analysis and visualization. PLoS Computational Biology, 2021, 17, e1009226.	1.5	13
24	Encapsulation of Langerhans' islets: Microtechnological developments for transplantation. Engineering in Life Sciences, 2011, 11, 165-173.	2.0	12
25	A catalogue of 863 Rett-syndrome-causing MECP2 mutations and lessons learned from data integration. Scientific Data, 2021, 8, 10.	2.4	12
26	A resource to explore the discovery of rare diseases and their causative genes. Scientific Data, 2021, 8, 124.	2.4	11
27	Beyond Pathway Analysis: Identification of Active Subnetworks in Rett Syndrome. Frontiers in Genetics, 2019, 10, 59.	1.1	10
28	New insights in Rett syndrome using pathway analysis for transcriptomics data. Wiener Medizinische Wochenschrift, 2016, 166, 346-352.	0.5	9
29	Neuroimaging findings in neurodevelopmental copy number variants: identifying molecular pathways to convergent phenotypes. Biological Psychiatry, 2022, , .	0.7	9
30	Overlap of vitamin A and vitamin D target genes with CAKUT-related processes. F1000Research, 2021, 10, 395.	0.8	5
31	A new validation method for clinical grade micro-encapsulation: quantitative high speed video analysis of alginate capsule. Microsystem Technologies, 2015, 21, 75-84.	1.2	4
32	A Community-Driven, Openly Accessible Molecular Pathway Integrating Knowledge on Malignant Pleural Mesothelioma. Frontiers in Oncology, 2022, 12, 849640.	1.3	4
33	Ten simple rules to make your publication look better. PLoS Computational Biology, 2021, 17, e1008938.	1.5	2
34	Providing gene-to-variant and variant-to-gene database identifier mappings to use with BridgeDb mapping services.. F1000Research, 0, 7, 1390.	0.8	1
35	Overlap of vitamin A and vitamin D target genes with CAKUT-related processes. F1000Research, 0, 10, 395.	0.8	1
36	A formalization of one of the main claims of â€œOverlap of vitamin A and vitamin D target genes with CAKUT-related processesâ€•by Ozisik et al. 20211. Data Science, 2022, 5, 25-27.	0.7	0