Guangchuang Yu

List of Publications by Citations

46 papers	**14,595** citations	**23** h-index	**57** g-index
57 ext. papers	**26,709** ext. citations	**5.7** avg, IF	**7.3** L-index

#	Paper	IF	Citations
46	clusterProfiler: an R package for comparing biological themes among gene clusters. *OMICS A Journal of Integrative Biology*, **2012**, 16, 284-7	3.8	9093
45	ggtree: an r package for visualization and annotation of phylogenetic trees with their covariates and other associated data. *Methods in Ecology and Evolution*, **2017**, 8, 28-36	7.7	1399
44	ChIPseeker: an R/Bioconductor package for ChIP peak annotation, comparison and visualization. *Bioinformatics*, **2015**, 31, 2382-3	7.2	1036
43	GOSemSim: an R package for measuring semantic similarity among GO terms and gene products. *Bioinformatics*, **2010**, 26, 976-8	7.2	595
42	ReactomePA: an R/Bioconductor package for reactome pathway analysis and visualization. *Molecular BioSystems*, **2016**, 12, 477-9		576
41	DOSE: an R/Bioconductor package for disease ontology semantic and enrichment analysis. *Bioinformatics*, **2015**, 31, 608-9	7.2	360
40	clusterProfiler 4.0: A universal enrichment tool for interpreting omics data. *Innovation(China)*, **2021**, 2, 100141	17.8	238
39	Using ggtree to Visualize Data on Tree-Like Structures. *Current Protocols in Bioinformatics*, **2020**, 69, e96	24.2	233
38	Two Methods for Mapping and Visualizing Associated Data on Phylogeny Using Ggtree. *Molecular Biology and Evolution*, **2018**, 35, 3041-3043	8.3	223
37	Treeio: An R Package for Phylogenetic Tree Input and Output with Richly Annotated and Associated Data. *Molecular Biology and Evolution*, **2020**, 37, 599-603	8.3	118
36	Cellular microRNA let-7c inhibits M1 protein expression of the H1N1 influenza A virus in infected human lung epithelial cells. *Journal of Cellular and Molecular Medicine*, **2012**, 16, 2539-46	5.6	90
35	: drawing SVG graphics to visualize and map genome-wide data on the idiograms. *PeerJ Computer Science*, **2020**, 6, e251	2.7	73
34	Genistein-induced mitotic arrest of gastric cancer cells by downregulating KIF20A, a proteomics study. *Proteomics*, **2012**, 12, 2391-9	4.8	61
33	ACK1 promotes gastric cancer epithelial-mesenchymal transition and metastasis through AKT-POU2F1-ECD signalling. *Journal of Pathology*, **2015**, 236, 175-85	9.4	57
32	IOBR: Multi-Omics Immuno-Oncology Biological Research to Decode Tumor Microenvironment and Signatures. *Frontiers in Immunology*, **2021**, 12, 687975	8.4	42
31	Gut microbiota and metabolite alterations associated with reduced bone mineral density or bone metabolic indexes in postmenopausal osteoporosis. *Aging*, **2020**, 12, 8583-8604	5.6	34
30	Gene Ontology Semantic Similarity Analysis Using GOSemSim. *Methods in Molecular Biology*, **2020**, 2117, 207-215	1.4	30

29	Putative cobalt- and nickel-binding proteins and motifs in Streptococcus pneumoniae. *Metallomics*, **2013**, 5, 928-35	4.5	28
28	Integrated Translatomics with Proteomics to Identify Novel Iron-Transporting Proteins in Streptococcus pneumoniae. *Frontiers in Microbiology*, **2016**, 7, 78	5.7	28
27	Using meshes for MeSH term enrichment and semantic analyses. *Bioinformatics*, **2018**, 34, 3766-3767	7.2	26
26	clusterProfiler: An universal enrichment tool for functional and comparative study		25
25	Proteomic investigation of the interactome of FMNL1 in hematopoietic cells unveils a role in calcium-dependent membrane plasticity. *Journal of Proteomics*, **2013**, 78, 72-82	3.9	24
24	Open-source analytics tools for studying the COVID-19 coronavirus outbreak		24
23	A novel andrographolide derivative AL-1 exerts its cytotoxicity on K562 cells through a ROS-dependent mechanism. *Proteomics*, **2013**, 13, 169-78	4.8	21
22	Quantitative proteomics characterization on the antitumor effects of isodeoxyelephantopin against nasopharyngeal carcinoma. *Proteomics*, **2013**, 13, 3222-32	4.8	19
21	ggtreeExtra: Compact Visualization of Richly Annotated Phylogenetic Data. *Molecular Biology and Evolution*, **2021**, 38, 4039-4042	8.3	15
20	Proteomic analysis of the copper resistance of Streptococcus pneumoniae. *Metallomics*, **2015**, 7, 448-54	4.5	14
19	Proteomic analysis of membrane proteins from Streptococcus pneumoniae with multiple separation methods plus high accuracy mass spectrometry. *OMICS A Journal of Integrative Biology*, **2011**, 15, 683-94	3.8	14
18	ggVennDiagram: An Intuitive, Easy-to-Use, and Highly Customizable R Package to Generate Venn Diagram. *Frontiers in Genetics*, **2021**, 12, 706907	4.5	13
17	Genetic characterization of highly pathogenic H5 influenza viruses from poultry in Taiwan, 2015. *Infection, Genetics and Evolution*, **2016**, 38, 96-100	4.5	12
16	Proteomic analysis on the antibacterial activity of a Ru(II) complex against Streptococcus pneumoniae. *Journal of Proteomics*, **2015**, 115, 107-16	3.9	12
15	Phosphoproteome profile of human lung cancer cell line A549. *Molecular BioSystems*, **2011**, 7, 472-9		12
14	Functional similarity analysis of human virus-encoded miRNAs. *Journal of Clinical Bioinformatics*, **2011**, 1, 15		12
13	Use to Effectively Utilize Plotting Space to Deal With Large Datasets and Outliers. *Frontiers in Genetics*, **2021**, 12, 774846	4.5	9
12	nCov2019: an R package for studying the COVID-19 coronavirus pandemic. *PeerJ*, **2021**, 9, e11421	3.1	5

11	LXtoo: an integrated live Linux distribution for the bioinformatics community. *BMC Research Notes*, **2012**, 5, 360	2.3	3
10	A new method for measuring functional similarity of microRNAs. *Journal of Integrated OMICS*, **2011**, 1,	0.5	3
9	Design, SAR, angiogenic activities evaluation and pro-angiogenic mechanism of new marine cyclopeptide analogs. *Current Medicinal Chemistry*, **2013**, 20, 1183-94	4.3	3
8	RIdeogram: drawing SVG graphics to visualize and map genome-wide data on the idiograms		2
7	A DNA-based semantic fusion model for remote sensing data. *PLoS ONE*, **2013**, 8, e77090	3.7	1
6	TreeSummarizedExperiment: a S4 class for data with hierarchical structure. *F1000Research*, **2020**, 9, 1246	6.6	1
5	TreeSummarizedExperiment: a S4 class for data with hierarchical structure. *F1000Research*, **2020**, 9, 1246	6.6	1
4	Identification of Prognostic Stromal-Immune Score-Based Genes in Hepatocellular Carcinoma Microenvironment. *Frontiers in Genetics*, **2021**, 12, 625236	4.5	1
3	Proteomic analysis of putative heme-binding proteins in Streptococcus pyogenes. *Metallomics*, **2014**, 6, 1451-9	4.5	0
2	Design of 16 S rRNA-based Oligonucleotide Array Using Group-specific Non-unique Probes in Large Scale Bacteria Detection*. *Progress in Biochemistry and Biophysics*, **2009**, 36, 1025-1034		
1	Altered Gut Microbiota as an Auxiliary Diagnostic Indicator for Patients With Fracture-Related Infection.. *Frontiers in Microbiology*, **2022**, 13, 723791	5.7	