

Feiqiao Yu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8816298/publications.pdf>

Version: 2024-02-01

26
papers

2,709
citations

516710

16
h-index

713466

21
g-index

39
all docs

39
docs citations

39
times ranked

3598
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell transcriptional diversity is a hallmark of developmental potential. <i>Science</i> , 2020, 367, 405-411.	12.6	557
2	Gut-microbiota-targeted diets modulate human immune status. <i>Cell</i> , 2021, 184, 4137-4153.e14.	28.9	482
3	A genomic catalog of Earth's microbiomes. <i>Nature Biotechnology</i> , 2021, 39, 499-509.	17.5	457
4	Hydrogenotrophic methanogenesis in archaeal phylum Verstraetearchaeota reveals the shared ancestry of all methanogens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5037-5044.	7.1	187
5	Recovery of the Gut Microbiota after Antibiotics Depends on Host Diet, Community Context, and Environmental Reservoirs. <i>Cell Host and Microbe</i> , 2019, 26, 650-665.e4.	11.0	166
6	Single-cell RNA sequencing reveals intrinsic and extrinsic regulatory heterogeneity in yeast responding to stress. <i>PLoS Biology</i> , 2017, 15, e2004050.	5.6	118
7	Hidden diversity of soil giant viruses. <i>Nature Communications</i> , 2018, 9, 4881.	12.8	112
8	Evidence for the prepattern/cooption model of vertebrate jaw evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 17262-17267.	7.1	107
9	Microfluidic-based mini-metagenomics enables discovery of novel microbial lineages from complex environmental samples. <i>ELife</i> , 2017, 6, .	6.0	69
10	Phage-delivered CRISPR-Cas9 for strain-specific depletion and genomic deletions in the gut microbiome. <i>Cell Reports</i> , 2021, 37, 109930.	6.4	68
11	Testing of Flow-Based Microfluidic Biochips: Fault Modeling, Test Generation, and Experimental Demonstration. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2014, 33, 1463-1475.	2.7	64
12	Robust variation in infant gut microbiome assembly across a spectrum of lifestyles. <i>Science</i> , 2022, 376, 1220-1223.	12.6	63
13	Long-term microfluidic tracking of coccoid cyanobacterial cells reveals robust control of division timing. <i>BMC Biology</i> , 2017, 15, 11.	3.8	50
14	A Genomic Toolkit for the Mechanistic Dissection of Intractable Human Gut Bacteria. <i>Cell Host and Microbe</i> , 2020, 27, 1001-1013.e9.	11.0	39
15	Quantifying rapid bacterial evolution and transmission within the mouse intestine. <i>Cell Host and Microbe</i> , 2021, 29, 1454-1468.e4.	11.0	27
16	Microfluidic serial digital to analog pressure converter for arbitrary pressure generation and contamination-free flow control. <i>Lab on A Chip</i> , 2013, 13, 1911.	6.0	22
17	Nucleic acid cleavage with a hyperthermophilic Cas9 from an uncultured Ignavibacterium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23100-23105.	7.1	17
18	Microbial communities of Auka hydrothermal sediments shed light on vent biogeography and the evolutionary history of thermophily. <i>ISME Journal</i> , 2022, 16, 1750-1764.	9.8	16

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19	Genetic and behavioral adaptation of <i>Candida parapsilosis</i> to the microbiome of hospitalized infants revealed by in situ genomics, transcriptomics, and proteomics. <i>Microbiome</i> , 2021, 9, 142.	11.1	14
20	The CIAMIB: a Large and Metabolically Diverse Collection of Inflammation-Associated Bacteria from the Murine Gut. <i>MBio</i> , 2022, , e0294921.	4.1	11
21	Metagenomics and Nucleotide Composition Aid the Identification and Host Association of Novel Bacteriophage Sequences. <i>Advanced Biology</i> , 2019, 3, e1900108.	3.0	6
22	Cracking pressure control of parylene checkvalve using slanted tensile tethers. , 2010, , .		3
23	Ex Vivo implantation study of minimally invasive glaucoma drainage device. , 2010, , .		1
24	Stiction of parylene C to silicon surface measured using blister tests. , 2010, , .		1
25	Integration of slanted tether check-valves for high pressure applications. , 2011, , .		1
26	Parylene stiction. , 2010, , .		0