

# Feng Guo

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

4,388  
citations

201385

27  
h-index

223531

46  
g-index

49  
all docs

49  
docs citations

49  
times ranked

6143  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metagenomic and network analysis reveal wide distribution and co-occurrence of environmental antibiotic resistance genes. ISME Journal, 2015, 9, 2490-2502.	4.4	928
2	Structure of Cre recombinase complexed with DNA in a site-specific recombination synapse. Nature, 1997, 389, 40-46.	13.7	564
3	<i>In Situ</i> Prepared Transparent Polyaniline Electrode and Its Application in Bifacial Dye-Sensitized Solar Cells. ACS Nano, 2011, 5, 3795-3799.	7.3	383
4	Taxonomic relatedness shapes bacterial assembly in activated sludge of globally distributed wastewater treatment plants. Environmental Microbiology, 2014, 16, 2421-2432.	1.8	333
5	Structure of the Holliday junction intermediate in Cre $\epsilon$ loxP site-specific recombination. EMBO Journal, 1998, 17, 4175-4187.	3.5	263
6	Profiling bulking and foaming bacteria in activated sludge by high throughput sequencing. Water Research, 2012, 46, 2772-2782.	5.3	172
7	Structure of the Tetrahymena Ribozyme. Molecular Cell, 2004, 16, 351-362.	4.5	143
8	Biases during DNA extraction of activated sludge samples revealed by high throughput sequencing. Applied Microbiology and Biotechnology, 2013, 97, 4607-4616.	1.7	139
9	Tuning Cytokine Receptor Signaling by Re-orienting Dimer Geometry with Surrogate Ligands. Cell, 2015, 160, 1196-1208.	13.5	138
10	MTDH-SND1 Interaction Is Crucial for Expansion and Activity of Tumor-Initiating Cells in Diverse Oncogene- and Carcinogen-Induced Mammary Tumors. Cancer Cell, 2014, 26, 92-105.	7.7	106
11	An integrated meta-omics approach reveals substrates involved in synergistic interactions in a bisphenol A (BPA)-degrading microbial community. Microbiome, 2019, 7, 16.	4.9	89
12	Crystal structure of Ara h 3, a major allergen in peanut. Molecular Immunology, 2009, 46, 1796-1804.	1.0	84
13	Taxonomic Precision of Different Hypervariable Regions of 16S rRNA Gene and Annotation Methods for Functional Bacterial Groups in Biological Wastewater Treatment. PLoS ONE, 2013, 8, e76185.	1.1	84
14	Structural basis of PP2A activation by PTPA, an ATP-dependent activation chaperone. Cell Research, 2014, 24, 190-203.	5.7	76
15	PP2A $\epsilon$ holoenzyme substrate recognition, regulation and role in cytokinesis. Cell Discovery, 2017, 3, 17027.	3.1	68
16	Synapsis of loxP Sites by Cre Recombinase. Journal of Biological Chemistry, 2007, 282, 24004-24016.	1.6	61
17	Structure of the Ca <sup>2+</sup> -dependent PP2A heterotrimer and insights into Cdc6 dephosphorylation. Cell Research, 2013, 23, 931-946.	5.7	61
18	PPAR $\delta$ Interaction with UBR5/ATMIN Promotes DNA Repair to Maintain Endothelial Homeostasis. Cell Reports, 2019, 26, 1333-1343.e7.	2.9	54

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19	Peptide Trapping of the Holliday Junction Intermediate in Cre-loxP Site-specific Recombination. <i>Journal of Biological Chemistry</i> , 2005, 280, 8290-8299.	1.6	45
20	Detailed investigation of the microbial community in foaming activated sludge reveals novel foam formers. <i>Scientific Reports</i> , 2015, 5, 7637.	1.6	44
21	An <i>in vitro</i> recombination method to convert restriction- and ligation-independent expression vectors. <i>Biotechnology Journal</i> , 2008, 3, 370-377.	1.8	39
22	Crystal Structure of Prunin-1, a Major Component of the Almond ( <i>Prunus dulcis</i> ) Allergen Amandin. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 8643-8651.	2.4	39
23	Impacts of human activities on distribution of sulfate-reducing prokaryotes and antibiotic resistance genes in marine coastal sediments of Hong Kong. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw128.	1.3	37
24	Hydrophobicity of diverse bacterial populations in activated sludge and biofilm revealed by microbial adhesion to hydrocarbons assay and high-throughput sequencing. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 114, 379-385.	2.5	36
25	Structural Insights into the Tumor-Promoting Function of the MTDH-SND1 Complex. <i>Cell Reports</i> , 2014, 8, 1704-1713.	2.9	35
26	X-ray crystal structure of TNF ligand family member TL1A at 2.1Å... <i>Biochemical and Biophysical Research Communications</i> , 2007, 364, 1-6.	1.0	34
27	Stability study of carbon-based counter electrodes in dye-sensitized solar cells. <i>Electrochimica Acta</i> , 2011, 56, 8463-8466.	2.6	30
28	Population Dynamics of Bulking and Foaming Bacteria in a Full-scale Wastewater Treatment Plant over Five Years. <i>Scientific Reports</i> , 2016, 6, 24180.	1.6	30
29	Evolution of Tetrahymena ribozyme mutants with increased structural stability. , 2002, 9, 855-61.		29
30	The activation and differential signalling of the growth hormone receptor induced by pGH or anti-idiotypic monoclonal antibodies in primary rat hepatocytes. <i>Molecular and Cellular Endocrinology</i> , 2013, 376, 51-59.	1.6	26
31	In vivo selection of better self-splicing introns in <i>Escherichia coli</i> : The role of the P1 extension helix of the Tetrahymena intron. <i>Rna</i> , 2002, 8, 647-658.	1.6	24
32	Detecting the Nonviable and Heat-Tolerant Bacteria in Activated Sludge by Minimizing DNA from Dead Cells. <i>Microbial Ecology</i> , 2014, 67, 829-836.	1.4	22
33	Mechanisms of the Scaffold Subunit in Facilitating Protein Phosphatase 2A Methylation. <i>PLoS ONE</i> , 2014, 9, e86955.	1.1	20
34	Centralspindlin assembly and 2 phosphorylations on MgcRacGAP by Polo-like kinase 1 initiate Ect2 binding in early cytokinesis. <i>Cell Cycle</i> , 2014, 13, 2952-2961.	1.3	19
35	Evidence of Carbon Fixation Pathway in a Bacterium from Candidate Phylum SBR1093 Revealed with Genomic Analysis. <i>PLoS ONE</i> , 2014, 9, e109571.	1.1	17
36	An inverted fabrication method towards a flexible dye sensitized solar cell based on a free-standing TiO <sub>2</sub> nanowires membrane. <i>Electrochimica Acta</i> , 2012, 59, 581-586.	2.6	16

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37	Purification and crystallization of recombinant human TNF-like ligand TL1A. <i>Cytokine</i> , 2007, 40, 115-122.	1.4	14
38	Comparison of crystal structure interactions and thermodynamics for stabilizing mutations in the Tetrahymena ribozyme. <i>Rna</i> , 2006, 12, 387-395.	1.6	13
39	Purification, crystallization and initial crystallographic characterization of brazil-nut allergen Berâ€...â€...2. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2007, 63, 976-979.	0.7	13
40	Deciphering Cyanide-Degrading Potential of Bacterial Community Associated with the Coking Wastewater Treatment Plant with a Novel Draft Genome. <i>Microbial Ecology</i> , 2015, 70, 701-709.	1.4	12
41	Multistep Compositional Remodeling of Supported Lipid Membranes by Interfacially Active Phosphatidylinositol Kinases. <i>Analytical Chemistry</i> , 2016, 88, 5042-5045.	3.2	11
42	Crystal Structure of Cocosin, A Potential Food Allergen from Coconut (<i>Cocos nucifera</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 7560-7568.	2.4	10
43	Construction of two recombination yeast two-hybrid vectors by inÂvitro recombination. <i>Molecular Biotechnology</i> , 2007, 36, 38-43.	1.3	8
44	Facile preparation of nanofibrous polyaniline thin film as counter electrodes for dye sensitized solar cells. <i>Journal of Renewable and Sustainable Energy</i> , 2012, 4, 023109.	0.8	8
45	Impact of posttranslational modifications in pancreatic carcinogenesis and treatments. <i>Cancer and Metastasis Reviews</i> , 2021, 40, 739-759.	2.7	7
46	Geometry of the DNA Substrates in Cre-loxP Site-Specific Recombination. <i>Journal of Biomolecular Structure and Dynamics</i> , 2000, 17, 141-146.	2.0	2
47	Atomic-resolution structures of type I ribosome inactivating protein alpha-momorcharin with different substrate analogs. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 265-276.	3.6	2
48	Purification of Target Proteins from Native Tissues: CCT Complex from Bovine Testes and PP2Ac from Porcine Brains. <i>Methods in Molecular Biology</i> , 2017, 1788, 73-88.	0.4	0
49	Structural basis of PP2A phosphatase activator reveals a unique chaperone function in PP2A activation. <i>FASEB Journal</i> , 2013, 27, 1043.3.	0.2	0