Feng Guo

List of Publications by Year in descending order

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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	Impact of posttranslational modifications in pancreatic carcinogenesis and treatments. Cancer and Metastasis Reviews, 2021, 40, 739-759.	2.7	7
2	Atomic-resolution structures of type I ribosome inactivating protein alpha-momorcharin with different substrate analogs. International Journal of Biological Macromolecules, 2020, 164, 265-276.	3.6	2
3	PPARÎ³ Interaction with UBR5/ATMIN Promotes DNA Repair to Maintain Endothelial Homeostasis. Cell Reports, 2019, 26, 1333-1343.e7.	2.9	54
4	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
5	PP2A-Bâ€² holoenzyme substrate recognition, regulation and role in cytokinesis. Cell Discovery, 2017, 3, 17027.	3.1	68
6	Crystal Structure of Cocosin, A Potential Food Allergen from Coconut (Cocos nucifera). Journal of Agricultural and Food Chemistry, 2017, 65, 7560-7568.	2.4	10
7	Purification of Target Proteins from Native Tissues: CCT Complex from Bovine Testes and PP2Ac from Porcine Brains. Methods in Molecular Biology, 2017, 1788, 73-88.	0.4	0
8	Population Dynamics of Bulking and Foaming Bacteria in a Full-scale Wastewater Treatment Plant over Five Years. Scientific Reports, 2016, 6, 24180.	1.6	30
9	Multistep Compositional Remodeling of Supported Lipid Membranes by Interfacially Active Phosphatidylinositol Kinases. Analytical Chemistry, 2016, 88, 5042-5045.	3.2	11
10	Impacts of human activities on distribution of sulfate-reducing prokaryotes and antibiotic resistance genes in marine coastal sediments of Hong Kong. FEMS Microbiology Ecology, 2016, 92, fiw128.	1.3	37
11	Tuning Cytokine Receptor Signaling by Re-orienting Dimer Geometry with Surrogate Ligands. Cell, 2015, 160, 1196-1208.	13.5	138
12	Metagenomic and network analysis reveal wide distribution and co-occurrence of environmental antibiotic resistance genes. ISME Journal, 2015, 9, 2490-2502.	4.4	928
13	Deciphering Cyanide-Degrading Potential of Bacterial Community Associated with the Coking Wastewater Treatment Plant with a Novel Draft Genome. Microbial Ecology, 2015, 70, 701-709.	1.4	12
14	Detailed investigation of the microbial community in foaming activated sludge reveals novel foam formers. Scientific Reports, 2015, 5, 7637.	1.6	44
15	Structural Insights into the Tumor-Promoting Function of the MTDH-SND1 Complex. Cell Reports, 2014, 8, 1704-1713.	2.9	35
16	Structural basis of PP2A activation by PTPA, an ATP-dependent activation chaperone. Cell Research, 2014, 24, 190-203.	5.7	76
17	Centralspindlin assembly and 2 phosphorylations on MgcRacGAP by Polo-like kinase 1 initiate Ect2 binding in early cytokinesis. Cell Cycle, 2014, 13, 2952-2961.	1.3	19
18	Detecting the Nonviable and Heat-Tolerant Bacteria in Activated Sludge by Minimizing DNA from Dead Cells. Microbial Ecology, 2014, 67, 829-836.	1.4	22

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19	Taxonomic relatedness shapes bacterial assembly in activated sludge of globally distributed wastewater treatment plants. Environmental Microbiology, 2014, 16, 2421-2432.	1.8	333
20	Hydrophobicity of diverse bacterial populations in activated sludge and biofilm revealed by microbial adhesion to hydrocarbons assay and high-throughput sequencing. Colloids and Surfaces B: Biointerfaces, 2014, 114, 379-385.	2.5	36
21	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
22	Mechanisms of the Scaffold Subunit in Facilitating Protein Phosphatase 2A Methylation. PLoS ONE, 2014, 9, e86955.	1.1	20
23	Evidence of Carbon Fixation Pathway in a Bacterium from Candidate Phylum SBR1093 Revealed with Genomic Analysis. PLoS ONE, 2014, 9, e109571.	1.1	17
24	The activation and differential signalling of the growth hormone receptor induced by pGH or anti-idiotypic monoclonal antibodies in primary rat hepatocytes. Molecular and Cellular Endocrinology, 2013, 376, 51-59.	1.6	26
25	Biases during DNA extraction of activated sludge samples revealed by high throughput sequencing. Applied Microbiology and Biotechnology, 2013, 97, 4607-4616.	1.7	139
26	Structure of the Ca2+-dependent PP2A heterotrimer and insights into Cdc6 dephosphorylation. Cell Research, 2013, 23, 931-946.	5.7	61
27	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
28	Structural basis of PP2A phosphatase activator reveals a unique chaperone function in PP2A activation. FASEB Journal, 2013, 27, 1043.3.	0.2	0
29	Facile preparation of nanofibrous polyaniline thin film as counter electrodes for dye sensitized solar cells. Journal of Renewable and Sustainable Energy, 2012, 4, 023109.	0.8	8
30	Profiling bulking and foaming bacteria in activated sludge by high throughput sequencing. Water Research, 2012, 46, 2772-2782.	5.3	172
31	An inverted fabrication method towards a flexible dye sensitized solar cell based on a free-standing TiO2 nanowires membrane. Electrochimica Acta, 2012, 59, 581-586.	2.6	16
32	Stability study of carbon-based counter electrodes in dye-sensitized solar cells. Electrochimica Acta, 2011, 56, 8463-8466.	2.6	30
33	In Situ Prepared Transparent Polyaniline Electrode and Its Application in Bifacial Dye-Sensitized Solar Cells. ACS Nano, 2011, 5, 3795-3799.	7.3	383
34	Crystal Structure of Prunin-1, a Major Component of the Almond (Prunus dulcis) Allergen Amandin. Journal of Agricultural and Food Chemistry, 2009, 57, 8643-8651.	2.4	39
35	Crystal structure of Ara h 3, a major allergen in peanut. Molecular Immunology, 2009, 46, 1796-1804.	1.0	84
36	An in vitro recombination method to convert restrictionâ€•and ligationâ€independent expression vectors. Biotechnology Journal, 2008, 3, 370-377.	1.8	39

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37	Synapsis of loxP Sites by Cre Recombinase. Journal of Biological Chemistry, 2007, 282, 24004-24016.	1.6	61
38	X-ray crystal structure of TNF ligand family member TL1A at 2.1Ã.... Biochemical and Biophysical Research Communications, 2007, 364, 1-6.	1.0	34
39	Purification and crystallization of recombinant human TNF-like ligand TL1A. Cytokine, 2007, 40, 115-122.	1.4	14
40	Purification, crystallization and initial crystallographic characterization of brazil-nut allergen Berâ€...eâ€...2. Acta Crystallographica Section F: Structural Biology Communications, 2007, 63, 976-979.	0.7	13
41	Construction of two recombination yeast two-hybrid vectors by inÂvitro recombination. Molecular Biotechnology, 2007, 36, 38-43.	1.3	8
42	Comparison of crystal structure interactions and thermodynamics for stabilizing mutations in the Tetrahymena ribozyme. Rna, 2006, 12, 387-395.	1.6	13
43	Peptide Trapping of the Holliday Junction Intermediate in Cre-loxP Site-specific Recombination. Journal of Biological Chemistry, 2005, 280, 8290-8299.	1.6	45
44	Structure of the Tetrahymena Ribozyme. Molecular Cell, 2004, 16, 351-362.	4.5	143
45	In vivo selection of better self-splicing introns in Escherichia coli: The role of the P1 extension helix of the Tetrahymena intron. Rna, 2002, 8, 647-658.	1.6	24
46	Evolution of Tetrahymena ribozyme mutants with increased structural stability. , 2002, 9, 855-61.		29
47	Geometry of the DNA Substrates in Cre-loxP Site-Specific Recombination. Journal of Biomolecular Structure and Dynamics, 2000, 17, 141-146.	2.0	2
48	Structure of the Holliday junction intermediate in Creâ€“loxP site-specific recombination. EMBO Journal, 1998, 17, 4175-4187.	3.5	263
49	Structure of Cre recombinase complexed with DNA in a site-specific recombination synapse. Nature, 1997, 389, 40-46.	13.7	564