

# Ya Guo

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

2,011  
citations

567281

15  
h-index

414414

32  
g-index

35  
all docs

35  
docs citations

35  
times ranked

3264  
citing authors

#	ARTICLE	IF	CITATIONS
1	CRISPR Inversion of CTCF Sites Alters Genome Topology and Enhancer/Promoter Function. <i>Cell</i> , 2015, 162, 900-910.	28.9	846
2	CTCF/cohesin-mediated DNA looping is required for protocadherin $\hat{\pm}$ promoter choice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21081-21086.	7.1	218
3	Control of inducible gene expression links cohesin to hematopoietic progenitor self-renewal and differentiation. <i>Nature Immunology</i> , 2018, 19, 932-941.	14.5	175
4	Efficient inversions and duplications of mammalian regulatory DNA elements and gene clusters by CRISPR/Cas9. <i>Journal of Molecular Cell Biology</i> , 2015, 7, 284-298.	3.3	116
5	Pectin extraction from common fig skin by different methods: The physicochemical, rheological, functional, and structural evaluations. <i>International Journal of Biological Macromolecules</i> , 2019, 136, 275-283.	7.5	101
6	Ultrasound-microwave assisted extraction of pectin from fig ( <i>Ficus carica</i> L.) skin: Optimization, characterization and bioactivity. <i>Carbohydrate Polymers</i> , 2019, 222, 114992.	10.2	88
7	Microwave-assisted extraction of polysaccharides from the marshmallow roots: Optimization, purification, structure, and bioactivity. <i>Carbohydrate Polymers</i> , 2020, 240, 116301.	10.2	66
8	Tandem CTCF sites function as insulators to balance spatial chromatin contacts and topological enhancer-promoter selection. <i>Genome Biology</i> , 2020, 21, 75.	8.8	55
9	SLE non-coding genetic risk variant determines the epigenetic dysfunction of an immune cell specific enhancer that controls disease-critical microRNA expression. <i>Nature Communications</i> , 2021, 12, 135.	12.8	48
10	Study amino acid contents, plant growth variables and cell ultrastructural changes induced by cadmium stress between two contrasting cadmium accumulating cultivars of <i>Brassica rapa</i> ssp. <i>chinensis</i> L. (pak choi). <i>Ecotoxicology and Environmental Safety</i> , 2020, 200, 110748.	6.0	30
11	Identifying proteins bound to native mitotic ESC chromosomes reveals chromatin repressors are important for compaction. <i>Nature Communications</i> , 2020, 11, 4118.	12.8	26
12	Regulation of the Protocadherin <i>Celsr3</i> Gene and Its Role in Globus Pallidus Development and Connectivity. <i>Molecular and Cellular Biology</i> , 2014, 34, 3895-3910.	2.3	25
13	Effects of antibiotics stress on growth variables, ultrastructure, and metabolite pattern of <i>Brassica rapa</i> ssp. <i>chinensis</i> . <i>Science of the Total Environment</i> , 2021, 778, 146333.	8.0	24
14	A scientometric analysis of agricultural pollution by using bibliometric software VoSViewer and Histcite $\hat{a}$ , $\hat{c}$ . <i>Environmental Science and Pollution Research</i> , 2022, 29, 37882-37893.	5.3	23
15	The order and logic of CD4 versus CD8 lineage choice and differentiation in mouse thymus. <i>Nature Communications</i> , 2021, 12, 99.	12.8	21
16	Pose Estimation of Sweet Pepper through Symmetry Axis Detection. <i>Sensors</i> , 2018, 18, 3083.	3.8	20
17	Neuronal genes deregulated in Cornelia de Lange Syndrome respond to removal and re-expression of cohesin. <i>Nature Communications</i> , 2021, 12, 2919.	12.8	18
18	Lupus enhancer risk variant causes dysregulation of IRF8 through cooperative lncRNA and DNA methylation machinery. <i>Nature Communications</i> , 2022, 13, 1855.	12.8	16

#	ARTICLE	IF	CITATIONS
19	Spatiotemporal Heterogeneity of Chlorophyll Content and Fluorescence Response Within Rice ( <i>Oryza</i> ) Tj ETQq1 1 0.784314 19 BT /Over	3.6	19
20	Inhibition of STAT1 sensitizes radioresistant nasopharyngeal carcinoma cell line CNE-2R to radiotherapy. <i>Oncotarget</i> , 2018, 9, 8303-8310.	1.8	13
21	Self-balanced real-time photonic scheme for ultrafast random number generation. <i>APL Photonics</i> , 2018, 3, 061301.	5.7	12
22	Genetic evidence for asymmetric blocking of higher-order chromatin structure by CTCF/cohesin. <i>Protein and Cell</i> , 2019, 10, 914-920.	11.0	12
23	Feedforward regulation of <i>Myc</i> coordinates lineage-specific with housekeeping gene expression during B cell progenitor cell differentiation. <i>PLoS Biology</i> , 2019, 17, e2006506.	5.6	8
24	Characterization of a cluster of CTCF-binding sites in a protocadherin regulatory region. <i>Yi Chuan = Hereditas / Zhongguo Yi Chuan Xue Hui Bian Ji</i> , 2016, 38, 323-36.	0.2	7
25	Evaluating the Impact of Summer Drought on Vegetation Growth Using Space-Based Solar-Induced Chlorophyll Fluorescence Across Extensive Spatial Measures. <i>Big Data</i> , 2022, 10, 230-245.	3.4	6
26	Abnormal brain functional network dynamics in <sc>obsessiveâ€“compulsive</sc> disorder patients and their unaffected <sc>firstâ€“degree</sc> relatives. <i>Human Brain Mapping</i> , 2021, 42, 4387-4398.	3.6	6
27	Effects of temperature and fluid velocity on beer pasteurization in open and closed loop heating systems: numerical modeling and simulation. <i>International Journal of Food Engineering</i> , 2020, 16, .	1.5	6
28	Bioavailability and Bioaccessibility of Cd in Low and High Cd Uptake Affinity Cultivars of <i>Brassica rapa ssp. Chinensis</i> L. (Pakchoi) using an In vitro Gastrointestinal and Physiologically-based Extraction Test. <i>Communications in Soil Science and Plant Analysis</i> , 2020, 51, 28-37.	1.4	3
29	Phytotoxic effects on chloroplast and UHPLC-HRMS based untargeted metabolomic responses in <i>Allium tuberosum</i> Rottler ex Sprengel (Chinese leek) exposed to antibiotics. <i>Ecotoxicology and Environmental Safety</i> , 2022, 234, 113418.	6.0	3
30	Modeling and simulation of phototransduction cascade in vertebrate rod photoreceptors. <i>BMC Ophthalmology</i> , 2019, 19, 55.	1.4	1
31	Bipartite Network of Interest (BNOI): Extending Co-Word Network with Interest of Researchers Using Sensor Data and Corresponding Applications as an Example. <i>Sensors</i> , 2021, 21, 1668.	3.8	1
32	The Global Amylase Research Trend in Food Science Technology: A Data-Driven Analysis. <i>Food Reviews International</i> , 2023, 39, 2492-2506.	8.4	1