

Xiao Yang

List of Publications by Year in descending order

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109
papers

3,753
citations

147566

31
h-index

149479

56
g-index

110
all docs

110
docs citations

110
times ranked

4504
citing authors

#	ARTICLE	IF	CITATIONS
1	METTL3 promote tumor proliferation of bladder cancer by accelerating pri-miR221/222 maturation in m6A-dependent manner. <i>Molecular Cancer</i> , 2019, 18, 110.	7.9	475
2	Circular RNA circ-ITCH inhibits bladder cancer progression by sponging miR-17/miR-224 and regulating p21, PTEN expression. <i>Molecular Cancer</i> , 2018, 17, 19.	7.9	395
3	Vector-Virus Mutualism Accelerates Population Increase of an Invasive Whitefly. <i>PLoS ONE</i> , 2007, 2, e182.	1.1	272
4	CircRNA-Cdr1as Exerts Anti-Oncogenic Functions in Bladder Cancer by Sponging MicroRNA-135a. <i>Cellular Physiology and Biochemistry</i> , 2018, 46, 1606-1616.	1.1	126
5	ALKBH5 Inhibited Cell Proliferation and Sensitized Bladder Cancer Cells to Cisplatin by m6A-CK2I±-Mediated Glycolysis. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 23, 27-41.	2.3	102
6	<i>Screenomics</i>: A Framework to Capture and Analyze Personal Life Experiences and the Ways that Technology Shapes Them. <i>Human-Computer Interaction</i> , 2021, 36, 150-201.	3.1	93
7	Circular RNA Cdr1as sensitizes bladder cancer to cisplatin by upregulating APAF1 expression through miRâ€1270 inhibition. <i>Molecular Oncology</i> , 2019, 13, 1559-1576.	2.1	85
8	MicroRNA-218 Increases the Sensitivity of Bladder Cancer to Cisplatin by Targeting Glut1. <i>Cellular Physiology and Biochemistry</i> , 2017, 41, 921-932.	1.1	81
9	A novel 5â€nolpyruvoylshikimateâ€â€phosphate (<sc>EPSP</sc>) synthase transgene for glyphosate resistance stimulates growth and fecundity in weedy rice (<i><sc>O</sc>ryza sativa</i>) without herbicide. <i>New Phytologist</i> , 2014, 202, 679-688.	3.5	66
10	Comparative study of combustion and thermal performance in a swirling micro combustor under premixed and non-premixed modes. <i>Applied Thermal Engineering</i> , 2019, 160, 114110.	3.0	66
11	A novel integrated non-targeted metabolomic analysis reveals significant metabolite variations between different lettuce (<i>Lactuca sativa</i> . L) varieties. <i>Horticulture Research</i> , 2018, 5, 33.	2.9	65
12	Repolarizing heterogeneous leukemia-associated macrophages with more M1 characteristics eliminates their pro-leukemic effects. <i>Oncolmmunology</i> , 2018, 7, e1412910.	2.1	62
13	Flame stability analysis of premixed hydrogen/air mixtures in a swirl micro-combustor. <i>Energy</i> , 2020, 209, 118495.	4.5	54
14	Asthma and toxocariasis. <i>Annals of Allergy, Asthma and Immunology</i> , 2014, 113, 187-192.	0.5	53
15	Transgenes for insect resistance reduce herbivory and enhance fecundity in advanced generations of cropâ€weed hybrids of rice. <i>Evolutionary Applications</i> , 2011, 4, 672-684.	1.5	51
16	Blocking migration of regulatory T cells to leukemic hematopoietic microenvironment delays disease progression in mouse leukemia model. <i>Cancer Letters</i> , 2020, 469, 151-161.	3.2	51
17	Tea Is a Significant Dietary Source of Ellagitannins and Ellagic Acid. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 5394-5404.	2.4	50
18	MicroRNA-218 inhibits bladder cancer cell proliferation, migration, and invasion by targeting BMI-1. <i>Tumor Biology</i> , 2015, 36, 8015-8023.	0.8	47

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19	Organ-Specific Microenvironment Modifies Diverse Functional and Phenotypic Characteristics of Leukemia-Associated Macrophages in Mouse T Cell Acute Lymphoblastic Leukemia. <i>Journal of Immunology</i> , 2015, 194, 2919-2929.	0.4	47
20	Genome-wide investigation of the NAC transcription factor family in melon (<i>Cucumis melo</i> L.) and their expression analysis under salt stress. <i>Plant Cell Reports</i> , 2016, 35, 1827-1839.	2.8	46
21	The Young's modulus of high-aspect-ratio carbon/carbon nanotube composite microcantilevers by experimental and modeling validation. <i>Applied Physics Letters</i> , 2015, 106, .	1.5	45
22	Fbxw11 promotes the proliferation of lymphocytic leukemia cells through the concomitant activation of NF- κ B and β -catenin/TCF signaling pathways. <i>Cell Death and Disease</i> , 2018, 9, 427.	2.7	45
23	Performance of Hybrids between Weedy Rice and Insect-Resistant Transgenic Rice under Field Experiments: Implication for Environmental Biosafety Assessment. <i>Journal of Integrative Plant Biology</i> , 2009, 51, 1138-1148.	4.1	44
24	Enhanced yield performance of Bt rice under target-insect attacks: implications for field insect management. <i>Transgenic Research</i> , 2011, 20, 655-664.	1.3	41
25	Enhancement of thermal performance by converging-diverging channel in a micro tube combustor fueled by premixed hydrogen/air. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 1213-1226.	3.8	41
26	Bioactive compounds in lettuce: Highlighting the benefits to human health and impacts of preharvest and postharvest practices. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2022, 21, 4-45.	5.9	41
27	Modification of Bulk Heterojunction and Cl Doping for High-Performance Thermoelectric SnSe ₂ /SnSe Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 15793-15802.	4.0	39
28	Parametric analysis on the combustion and thermal performance of a swirl micro-combustor for micro thermophotovoltaic system. <i>Energy</i> , 2020, 198, 117312.	4.5	39
29	Fitness correlates of crop transgene flow into weedy populations: a case study of weedy rice in China and other examples. <i>Evolutionary Applications</i> , 2016, 9, 857-870.	1.5	38
30	Screenomics: A New Approach for Observing and Studying Individuals'™ Digital Lives. <i>Journal of Adolescent Research</i> , 2020, 35, 16-50.	1.3	38
31	Phytochemicals, essential oils, and bioactivities of an underutilized wild fruit Cili (<i>Rosa roxburghii</i>). <i>Industrial Crops and Products</i> , 2020, 143, 111928.	2.5	37
32	Effect of glycine nitrogen on lettuce growth under soilless culture: a metabolomics approach to identify the main changes occurred in plant primary and secondary metabolism. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 467-477.	1.7	35
33	Numerical investigations on combustion and emission characteristics of a novel elliptical jet-stabilized model combustor. <i>Energy</i> , 2019, 170, 1082-1097.	4.5	32
34	Identification of circular RNA signature in bladder cancer. <i>Journal of Cancer</i> , 2017, 8, 3456-3463.	1.2	30
35	Functional Promoter -94 ins/del ATTG Polymorphism in NFKB1 Gene Is Associated with Bladder Cancer Risk in a Chinese Population. <i>PLoS ONE</i> , 2013, 8, e71604.	1.1	30
36	P2X7 promotes the progression of MLL-AF9 induced acute myeloid leukemia by upregulation of Pbx3. <i>Haematologica</i> , 2021, 106, 1278-1289.	1.7	29

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37	Differentiation and distribution of indica and japonica rice varieties along the altitude gradients in Yunnan Province of China as revealed by InDel molecular markers. <i>Genetic Resources and Crop Evolution</i> , 2010, 57, 891-902.	0.8	28
38	Investigation of thermal performance and energy conversion in a novel planar micro-combustor with four-corner entrances for thermo-photovoltaic power generators. <i>Journal of Power Sources</i> , 2021, 515, 230625.	4.0	28
39	Limited Fitness Advantages of Crop-Weed Hybrid Progeny Containing Insect-Resistant Transgenes (Bt/CpTI) in Transgenic Rice Field. <i>PLoS ONE</i> , 2012, 7, e41220.	1.1	27
40	Exogenous Glycine Nitrogen Enhances Accumulation of Glycosylated Flavonoids and Antioxidant Activity in Lettuce (<i>Lactuca sativa</i> L.). <i>Frontiers in Plant Science</i> , 2017, 8, 2098.	1.7	25
41	Effect of fluoride on the biosynthesis of catechins in tea [<i>Camellia sinensis</i> (L.) O. Kuntze] leaves. <i>Scientia Horticulturae</i> , 2015, 184, 78-84.	1.7	24
42	Association between NFKB1 α 94ins/del ATTG Promoter Polymorphism and Cancer Susceptibility: An Updated Meta-Analysis. <i>International Journal of Genomics</i> , 2014, 2014, 1-8.	0.8	23
43	Genetically engineered rice endogenous 5-enolpyruvylshikimate-3-phosphate synthase (epsps) transgene alters phenology and fitness of crop-wild hybrid offspring. <i>Scientific Reports</i> , 2017, 7, 6834.	1.6	22
44	Socioemotional Dynamics of Emotion Regulation and Depressive Symptoms: A Person-Specific Network Approach. <i>Complexity</i> , 2018, 2018, 1-14.	0.9	22
45	Monocyte-Derived Leukemia-Associated Macrophages Facilitate Extramedullary Distribution of T-cell Acute Lymphoblastic Leukemia Cells. <i>Cancer Research</i> , 2020, 80, 3677-3691.	0.4	22
46	High level of variation among <i>L</i> ankan weedy rice populations, as estimated by morphological characterization. <i>Weed Biology and Management</i> , 2014, 14, 68-75.	0.6	21
47	Identification of circulating microRNA signatures for upper tract urothelial carcinoma detection. <i>Molecular Medicine Reports</i> , 2015, 12, 6752-6760.	1.1	21
48	Distinct Metabolome Changes during Seed Germination of Lettuce (<i>Lactuca sativa</i> L.) in Response to Thermal Stress as Revealed by Untargeted Metabolomics Analysis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1481.	1.8	21
49	Targeting protein kinase CK2 suppresses bladder cancer cell survival via the glucose metabolic pathway. <i>Oncotarget</i> , 2016, 7, 87361-87372.	0.8	21
50	Luteolin-7-O-Glucoside Present in Lettuce Extracts Inhibits Hepatitis B Surface Antigen Production and Viral Replication by Human Hepatoma Cells in Vitro. <i>Frontiers in Microbiology</i> , 2017, 8, 2425.	1.5	20
51	Autoimmune glial fibrillary acidic protein astrocytopathy mimics infectious meningitis: Two case reports. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 45, 102350.	0.9	20
52	Perioperative treatments for resected upper tract urothelial carcinoma: a network meta-analysis. <i>Oncotarget</i> , 2017, 8, 3568-3580.	0.8	20
53	Numerical analysis of turbulence radiation interaction effect on radiative heat transfer in a swirling oxyfuel furnace. <i>International Journal of Heat and Mass Transfer</i> , 2019, 141, 1227-1237.	2.5	19
54	Adolescents' emotion system dynamics: Network-based analysis of physiological and emotional experience. <i>Developmental Psychology</i> , 2019, 55, 1982-1993.	1.2	19

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55	Association between cytotoxic T lymphocyte antigen-4 +49A/G, γ 1722T/C, and γ 1661A/G polymorphisms and cancer risk: a meta-analysis. <i>Tumor Biology</i> , 2014, 35, 3627-3639.	0.8	18
56	Prediction of turbulence radiation interactions of CH ₄ H ₂ /air turbulent flames at atmospheric and elevated pressures. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 15537-15550.	3.8	18
57	Evaluation of the non-gray weighted sum of gray gases models for radiative heat transfer in realistic non-isothermal and non-homogeneous flames using decoupled and coupled calculations. <i>International Journal of Heat and Mass Transfer</i> , 2019, 134, 226-236.	2.5	18
58	Efficacy of insect-resistance Bt/CpTI transgenes in F 5 \times F 7 generations of rice crop \times weed hybrid progeny: implications for assessing ecological impact of transgene flow. <i>Science Bulletin</i> , 2015, 60, 1563-1571.	4.3	17
59	Ambient insect pressure and recipient genotypes determine fecundity of transgenic crop \times weed rice hybrid progeny: Implications for environmental biosafety assessment. <i>Evolutionary Applications</i> , 2016, 9, 847-856.	1.5	16
60	Characterization of peritoneal leukemia-associated macrophages in Notch1-induced mouse T cell acute lymphoblastic leukemia. <i>Molecular Immunology</i> , 2017, 81, 35-41.	1.0	16
61	Nonlinear effective permittivity of field grading composite dielectrics. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 075304.	1.3	16
62	Comparative analysis of metabolites profile in spinach (<i>Spinacia oleracea</i> L.) affected by different concentrations of gly and nitrate. <i>Scientia Horticulturae</i> , 2016, 204, 8-15.	1.7	15
63	Combustion Characteristics of Bluff-Body Turbulent Swirling Flames with Coaxial Air Microjet. <i>Energy & Fuels</i> , 2017, 31, 14306-14319.	2.5	15
64	Characteristics of NK cells from leukemic microenvironment in MLL-AF9 induced acute myeloid leukemia. <i>Molecular Immunology</i> , 2018, 93, 68-78.	1.0	15
65	High Level P2X7-Mediated Signaling Impairs Function of Hematopoietic Stem/Progenitor Cells. <i>Stem Cell Reviews and Reports</i> , 2016, 12, 305-314.	5.6	14
66	Effects of over-expressing a native gene encoding 5-enolpyruvylshikimate-3-phosphate synthase (EPSPS) on glyphosate resistance in <i>Arabidopsis thaliana</i> . <i>PLoS ONE</i> , 2017, 12, e0175820.	1.1	14
67	GSTP1 and GSTO1 single nucleotide polymorphisms and the response of bladder cancer patients to intravesical chemotherapy. <i>Scientific Reports</i> , 2015, 5, 14000.	1.6	13
68	Urine microRNAs as biomarkers for bladder cancer: a diagnostic meta-analysis. <i>OncoTargets and Therapy</i> , 2015, 8, 2089.	1.0	13
69	Can we trust biomarkers identified using different non-targeted metabolomics platforms? Multi-platform, inter-laboratory comparative metabolomics profiling of lettuce cultivars via UPLC-QTOF-MS. <i>Metabolomics</i> , 2020, 16, 85.	1.4	13
70	Functional expression of P2X family receptors in macrophages is affected by microenvironment in mouse T cell acute lymphoblastic leukemia. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 1002-1009.	1.0	12
71	Hepatic leukemia-associated macrophages exhibit a pro-inflammatory phenotype in Notch1-induced acute T cell leukemia. <i>Immunobiology</i> , 2018, 223, 73-80.	0.8	12
72	Diverse <i>in vivo</i> effects of soluble and membrane-bound M-CSF on tumor-associated macrophages in lymphoma xenograft model. <i>Oncotarget</i> , 2016, 7, 1354-1366.	0.8	12

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73	Linking environmental signals to plant metabolism: The combination of field trials and environment simulators. <i>Molecular Plant</i> , 2022, 15, 213-215.	3.9	12
74	Measuring and evaluating anthocyanin in lettuce leaf based on color information. <i>IFAC-PapersOnLine</i> , 2016, 49, 96-99.	0.5	11
75	Hydrogen production via in-line pyrolysis-reforming of organic solid waste enhanced by steel slags. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 6605-6619.	3.8	11
76	Overexpression of a Native Gene Encoding 5-Enolpyruvylshikimate-3-Phosphate Synthase (EPSPS) May Enhance Fecundity in <i>Arabidopsis thaliana</i> in the Absence of Glyphosate. <i>International Journal of Plant Sciences</i> , 2018, 179, 390-401.	0.6	9
77	Role of MicroRNA-124 as a Prognostic Factor in Multiple Neoplasms: A Meta-Analysis. <i>Disease Markers</i> , 2019, 2019, 1-12.	0.6	9
78	Comparative transcriptomics and metabolomics analyses provide insights into thermal resistance in lettuce (<i>Lactuca sativa</i> L.). <i>Scientia Horticulturae</i> , 2021, 289, 110423.	1.7	9
79	Heterogeneous effects of CSF isoforms on the progression of MLL-AF9 leukemia. <i>Immunology and Cell Biology</i> , 2018, 96, 190-203.	1.0	8
80	Effect of Channel Diameter on the Combustion and Thermal Behavior of a Hydrogen/Air Premixed Flame in a Swirl Micro-Combustor. <i>Energies</i> , 2019, 12, 3821.	1.6	8
81	Protective Role of Collectin 11 in a Mouse Model of Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2021, 73, 1430-1440.	2.9	8
82	Segregation distortion affected by transgenes in early generations of rice crop-weed hybrid progeny: Implications for assessing potential evolutionary impacts from transgene flow into wild relatives. <i>Journal of Systematics and Evolution</i> , 2014, 52, 466-476.	1.6	7
83	Limited ecological risk of insect-resistance transgene flow from cultivated rice to its wild ancestor based on life-cycle fitness assessment. <i>Science Bulletin</i> , 2016, 61, 1440-1450.	4.3	7
84	Peritoneal resident macrophages in mice with MLL-AF9-induced acute myeloid leukemia show an M2-like phenotype. <i>Annals of Translational Medicine</i> , 2021, 9, 266-266.	0.7	7
85	Human CD3+CD56+NKT-like cells express a range of complement receptors and C3 activation has negative effects on these cell activity and effector function. <i>Human Immunology</i> , 2021, 82, 625-633.	1.2	7
86	Limited divergence among populations of rice striped stem borer in southeast China caused by gene flow: Implications for resistance management. <i>Journal of Systematics and Evolution</i> , 2012, 50, 443-453.	1.6	6
87	Scientific data published by a peer-reviewed journal should be properly interpreted: a reply to the letter by Gressel et al. (2014). <i>New Phytologist</i> , 2014, 202, 363-366.	3.5	6
88	Simulation Analysis of Electrical-Thermal-Fluid Coupling Property for Supporting Insulation in SF6 Filled HVDC Apparatus. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2022, 29, 69-76.	1.8	6
89	Plant factory technology lights up urban horticulture in the post-coronavirus world. <i>Horticulture Research</i> , 2022, 9, .	2.9	6
90	Using a single transgenic event to infer fitness effects in crop-weed hybrids: a reply to the Letter by Grunewald & Bury (2014). <i>New Phytologist</i> , 2014, 202, 370-372.	3.5	5

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91	Effects of TSP-1 -696 C/T polymorphism on bladder cancer susceptibility and clinicopathologic features. <i>Cancer Genetics</i> , 2014, 207, 247-252.	0.2	5
92	Prevention of post-ischemic seizure by rapamycin is associated with deactivation of mTOR and ERK1/2 pathways in hyperglycemic rats. <i>Biochemical and Biophysical Research Communications</i> , 2019, 520, 47-53.	1.0	5
93	Meta-Analysis Reveals a Lack of Association between UGT2B17 Deletion Polymorphism and Tumor Susceptibility. <i>PLoS ONE</i> , 2014, 9, e96812.	1.1	4
94	Using Screenshots to Predict Task Switching on Smartphones. , 2019, , .		4
95	Investigation of heat transfer characteristics of hydrogen combustion process in cylindrical combustors from microscale to mesoscale. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 25893-25907.	3.8	4
96	The degradation of silicone rubber composites with ZnO microvaristors under impulse voltage. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 355501.	1.3	4
97	<i>TSP-1</i> -1223 A/G Polymorphism as a Potential Predictor of the Recurrence Risk of Bladder Cancer in a Chinese Population. <i>International Journal of Genomics</i> , 2013, 2013, 1-9.	0.8	3
98	Weedy Rice Evolution: De-domestication or Semi-domestication?. <i>Molecular Plant</i> , 2019, 12, 613-614.	3.9	3
99	Effect of Coronavirus Disease 2019 on Patients with Bladder Cancer in China. <i>Urologia Internationalis</i> , 2021, 105, 1-3.	0.6	3
100	Meningitis as a recurrent manifestation of anti-AQP4/anti-MOG negative neuromyelitis optica spectrum disorder: a case report. <i>BMC Neurology</i> , 2021, 21, 109.	0.8	3
101	Large Alphabet Compression and Predictive Distributions through Poissonization and Tilting. <i>IEEE Transactions on Information Theory</i> , 2017, , 1-1.	1.5	2
102	Laparoscopic radical cystectomy with pelvic re-peritonealization: the technique and initial clinical outcomes. <i>BMC Urology</i> , 2018, 18, 113.	0.6	2
103	Ebb-and-flow Subirrigation Strategies Increase Biomass and Nutrient Contents and Reduce Nitrate Levels in Lettuce. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2018, 53, 1056-1061.	0.5	2
104	Adaptive Differentiation in Upland Rice: Bi-directional Selection. <i>Molecular Plant</i> , 2019, 12, 143-144.	3.9	2
105	CircFAM114A2 Promotes Cisplatin Sensitivity via miR-222-3p/P27 and miR-146a-5p/P21 Cascades in Urothelial Carcinoma. <i>Frontiers in Oncology</i> , 2021, 11, 659166.	1.3	2
106	Designing Microalgal Oils. <i>Molecular Plant</i> , 2019, 12, 472-473.	3.9	1
107	Identification of the circRNA-miRNA-mRNA Regulatory Network in Bladder Cancer by Bioinformatics Analysis. <i>International Journal of Genomics</i> , 2021, 2021, 1-22.	0.8	1
108	Robot-Assisted Laparoscopic Retroperitoneal Renal Artery Aneurysm Repair: A Rare Case Report and Literature Review. <i>Urologia Internationalis</i> , 2021, , 1-6.	0.6	0

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109	Design and Electric Field Calculation of a Wall Bushing Made from Nonlinear Materials. Lecture Notes in Electrical Engineering, 2020, , 52-60.	0.3	0