Xiao Yang

List of Publications by Year in descending order

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119	3,896	32	57
papers	citations	h-index	g-index
120	120	120	4736 citing authors
all docs	docs citations	times ranked	

#	Article	IF	CITATIONS
1	METTL3 promote tumor proliferation of bladder cancer by accelerating pri-miR221/222 maturation in m6A-dependent manner. Molecular Cancer, 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. Molecular Cancer, 2018, 17, 19.	7.9	395
3	Vector-Virus Mutualism Accelerates Population Increase of an Invasive Whitefly. PLoS ONE, 2007, 2, e182.	1.1	272
4	CircRNA-Cdr1as Exerts Anti-Oncogenic Functions in Bladder Cancer by Sponging MicroRNA-135a. Cellular Physiology and Biochemistry, 2018, 46, 1606-1616.	1.1	126
5	ALKBH5 Inhibited Cell Proliferation and Sensitized Bladder Cancer Cells to Cisplatin by m6A-CK2α-Mediated Glycolysis. Molecular Therapy - Nucleic Acids, 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. Human-Computer Interaction, 2021, 36, 150-201.	3.1	93
7	Circular RNA Cdr1as sensitizes bladder cancer to cisplatin by upregulating APAF1 expression through miRâ€1270 inhibition. Molecular Oncology, 2019, 13, 1559-1576.	2.1	85
8	MicroRNA-218 Increases the Sensitivity of Bladder Cancer to Cisplatin by Targeting Glut1. Cellular Physiology and Biochemistry, 2017, 41, 921-932.	1.1	81
9	Light induced metastable modification of optical properties in CH3NH3PbI3â^3xBrx perovskite films: Two-step mechanism. Organic Electronics, 2016, 34, 79-83.	1.4	73
10	A novel 5â€enolpyruvoylshikimateâ€3â€phosphate (<scp>EPSP</scp>) synthase transgene for glyphosate resistance stimulates growth and fecundity in weedy rice (<i><scp>O</scp>ryza sativa</i>) without herbicide. New Phytologist, 2014, 202, 679-688.	3.5	66
11	Comparative study of combustion and thermal performance in a swirling micro combustor under premixed and non-premixed modes. Applied Thermal Engineering, 2019, 160, 114110.	3.0	66
12	A novel integrated non-targeted metabolomic analysis reveals significant metabolite variations between different lettuce (Lactuca sativa. L) varieties. Horticulture Research, 2018, 5, 33.	2.9	65
13	Repolarizing heterogeneous leukemia-associated macrophages with more M1 characteristics eliminates their pro-leukemic effects. Oncolmmunology, 2018, 7, e1412910.	2.1	62
14	Flame stability analysis of premixed hydrogen/air mixtures in a swirl micro-combustor. Energy, 2020, 209, 118495.	4.5	54
15	Asthma and toxocariasis. Annals of Allergy, Asthma and Immunology, 2014, 113, 187-192.	0.5	53
16	Transgenes for insect resistance reduce herbivory and enhance fecundity in advanced generations of cropâ \in weed hybrids of rice. Evolutionary Applications, 2011, 4, 672-684.	1.5	51
17	Blocking migration of regulatory T cells to leukemic hematopoietic microenvironment delays disease progression in mouse leukemia model. Cancer Letters, 2020, 469, 151-161.	3.2	51
18	Tea Is a Significant Dietary Source of Ellagitannins and Ellagic Acid. Journal of Agricultural and Food Chemistry, 2019, 67, 5394-5404.	2.4	50

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19	MicroRNA-218 inhibits bladder cancer cell proliferation, migration, and invasion by targeting BMI-1. Tumor Biology, 2015, 36, 8015-8023.	0.8	47
20	Organ-Specific Microenvironment Modifies Diverse Functional and Phenotypic Characteristics of Leukemia-Associated Macrophages in Mouse T Cell Acute Lymphoblastic Leukemia. Journal of Immunology, 2015, 194, 2919-2929.	0.4	47
21	Genome-wide investigation of the NAC transcription factor family in melon (Cucumis melo L.) and their expression analysis under salt stress. Plant Cell Reports, 2016, 35, 1827-1839.	2.8	46
22	The Young's modulus of high-aspect-ratio carbon/carbon nanotube composite microcantilevers by experimental and modeling validation. Applied Physics Letters, 2015, 106, .	1.5	45
23	Fbxw11 promotes the proliferation of lymphocytic leukemia cells through the concomitant activation of NF- \hat{l}^{2} B and \hat{l}^{2} -catenin/TCF signaling pathways. Cell Death and Disease, 2018, 9, 427.	2.7	45
24	Performance of Hybrids between Weedy Rice and Insectâ€resistant Transgenic Rice under Field Experiments: Implication for Environmental Biosafety Assessment. Journal of Integrative Plant Biology, 2009, 51, 1138-1148.	4.1	44
25	Enhanced yield performance of Bt rice under target-insect attacks: implications for field insect management. Transgenic Research, 2011, 20, 655-664.	1.3	41
26	Enhancement of thermal performance by converging-diverging channel in a micro tube combustor fueled by premixed hydrogen/air. International Journal of Hydrogen Energy, 2019, 44, 1213-1226.	3.8	41
27	Bioactive compounds in lettuce: Highlighting the benefits to human health and impacts of preharvest and postharvest practices. Comprehensive Reviews in Food Science and Food Safety, 2022, 21, 4-45.	5.9	41
28	Modification of Bulk Heterojunction and Cl Doping for High-Performance Thermoelectric SnSe ₂ /SnSe Nanocomposites. ACS Applied Materials & SnSe <sub) (2018,="" 10,="" 15793-15802).<="" td=""><td>4.0</td><td>39</td></sub)>	4.0	39
29	Parametric analysis on the combustion and thermal performance of a swirl micro-combustor for micro thermophotovoltaic system. Energy, 2020, 198, 117312.	4.5	39
30	Fitness correlates of crop transgene flow into weedy populations: a case study of weedy rice in China and other examples. Evolutionary Applications, 2016, 9, 857-870.	1.5	38
31	Screenomics: A New Approach for Observing and Studying Individuals' Digital Lives. Journal of Adolescent Research, 2020, 35, 16-50.	1.3	38
32	Phytochemicals, essential oils, and bioactivities of an underutilized wild fruit Cili (Rosa roxburghii). Industrial Crops and Products, 2020, 143, 111928.	2.5	37
33	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. Journal of the Science of Food and Agriculture, 2018, 98, 467-477.	1.7	35
34	Numerical investigations on combustion and emission characteristics of a novel elliptical jet-stabilized model combustor. Energy, 2019, 170, 1082-1097.	4.5	32
35	Identification of circular RNA signature in bladder cancer. Journal of Cancer, 2017, 8, 3456-3463.	1.2	30
36	Functional Promoter -94 ins/del ATTG Polymorphism in NFKB1 Gene Is Associated with Bladder Cancer Risk in a Chinese Population. PLoS ONE, 2013, 8, e71604.	1.1	30

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37	P2X7 promotes the progression of MLL-AF9 induced acute myeloid leukemia by upregulation of Pbx3. Haematologica, 2021, 106, 1278-1289.	1.7	29
38	Differentiation and distribution of indica and japonica rice varieties along the altitude gradients in Yunnan Province of China as revealed by InDel molecular markers. Genetic Resources and Crop Evolution, 2010, 57, 891-902.	0.8	28
39	Bioimpedance Guided Fluid Management in Peritoneal Dialysis. Clinical Journal of the American Society of Nephrology: CJASN, 2020, 15, 685-694.	2.2	28
40	Investigation of thermal performance and energy conversion in a novel planar micro-combustor with four-corner entrances for thermo-photovoltaic power generators. Journal of Power Sources, 2021, 515, 230625.	4.0	28
41	Limited Fitness Advantages of Crop-Weed Hybrid Progeny Containing Insect-Resistant Transgenes (Bt/CpTI) in Transgenic Rice Field. PLoS ONE, 2012, 7, e41220.	1.1	27
42	Exogenous Glycine Nitrogen Enhances Accumulation of Glycosylated Flavonoids and Antioxidant Activity in Lettuce (Lactuca sativa L.). Frontiers in Plant Science, 2017, 8, 2098.	1.7	25
43	Effect of fluoride on the biosynthesis of catechins in tea [Camellia sinensis (L.) O. Kuntze] leaves. Scientia Horticulturae, 2015, 184, 78-84.	1.7	24
44	Association betweenNFKB1â^'94ins/del ATTG Promoter Polymorphism and Cancer Susceptibility: An Updated Meta-Analysis. International Journal of Genomics, 2014, 2014, 1-8.	0.8	23
45	Genetically engineered rice endogenous 5-enolpyruvoylshikimate-3-phosphate synthase (epsps) transgene alters phenology and fitness of crop-wild hybrid offspring. Scientific Reports, 2017, 7, 6834.	1.6	22
46	Socioemotional Dynamics of Emotion Regulation and Depressive Symptoms: A Person-Specific Network Approach. Complexity, 2018, 2018, 1-14.	0.9	22
47	Monocyte-Derived Leukemia-Associated Macrophages Facilitate Extramedullary Distribution of T-cell Acute Lymphoblastic Leukemia Cells. Cancer Research, 2020, 80, 3677-3691.	0.4	22
48	Facilitating the formation of SnO2 film via hydroxyl groups for efficient perovskite solar cells. Applied Surface Science, 2021, 552, 149459.	3.1	22
49	High level of variation among <scp>S</scp> ri <scp>L</scp> ankan weedy rice populations, as estimated by morphological characterization. Weed Biology and Management, 2014, 14, 68-75.	0.6	21
50	Identification of circulating microRNA signatures for upper tract urothelial carcinoma detection. Molecular Medicine Reports, 2015, 12, 6752-6760.	1.1	21
51	Distinct Metabolome Changes during Seed Germination of Lettuce (Lactuca sativa L.) in Response to Thermal Stress as Revealed by Untargeted Metabolomics Analysis. International Journal of Molecular Sciences, 2020, 21, 1481.	1.8	21
52	Targeting protein kinase CK2 suppresses bladder cancer cell survival via the glucose metabolic pathway. Oncotarget, 2016, 7, 87361-87372.	0.8	21
53	Luteolin-7-O-Glucoside Present in Lettuce Extracts Inhibits Hepatitis B Surface Antigen Production and Viral Replication by Human Hepatoma Cells in Vitro. Frontiers in Microbiology, 2017, 8, 2425.	1.5	20
54	Autoimmune glial fibrillary acidic protein astrocytopathy mimics infectious meningitis: Two case reports. Multiple Sclerosis and Related Disorders, 2020, 45, 102350.	0.9	20

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55	Perioperative treatments for resected upper tract urothelial carcinoma: a network meta-analysis. Oncotarget, 2017, 8, 3568-3580.	0.8	20
56	Numerical analysis of turbulence radiation interaction effect on radiative heat transfer in a swirling oxyfuel furnace. International Journal of Heat and Mass Transfer, 2019, 141, 1227-1237.	2.5	19
57	Adolescents' emotion system dynamics: Network-based analysis of physiological and emotional experience Developmental Psychology, 2019, 55, 1982-1993.	1.2	19
58	Association between cytotoxic T lymphocyte antigen-4 +49A/G, â^'1722T/C, and â^'1661A/G polymorphisms and cancer risk: a meta-analysis. Tumor Biology, 2014, 35, 3627-3639.	0.8	18
59	Prediction of turbulence radiation interactions of CH4H2/air turbulent flames at atmospheric and elevated pressures. International Journal of Hydrogen Energy, 2018, 43, 15537-15550.	3.8	18
60	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. International Journal of Heat and Mass Transfer, 2019, 134, 226-236.	2.5	18
61	Efficacy of insect-resistance Bt/CpTI transgenes in F 5 â€"F 7 generations of rice cropâ€"weed hybrid progeny: implications for assessing ecological impact of transgene flow. Science Bulletin, 2015, 60, 1563-1571.	4.3	17
62	Ambient insect pressure and recipient genotypes determine fecundity of transgenic cropâ€weed rice hybrid progeny: Implications for environmental biosafety assessment. Evolutionary Applications, 2016, 9, 847-856.	1.5	16
63	Characterization of peritoneal leukemia-associated macrophages in Notch1-induced mouse T cell acute lymphoblastic leukemia. Molecular Immunology, 2017, 81, 35-41.	1.0	16
64	Comparative analysis of metabolites profile in spinach (Spinacia oleracea L.) affected by different concentrations of gly and nitrate. Scientia Horticulturae, 2016, 204, 8-15.	1.7	15
65	Combustion Characteristics of Bluff-Body Turbulent Swirling Flames with Coaxial Air Microjet. Energy &	2.5	15
66	Characteristics of NK cells from leukemic microenvironment in MLL-AF9 induced acute myeloid leukemia. Molecular Immunology, 2018, 93, 68-78.	1.0	15
67	Uric acid to high-density lipoprotein cholesterol ratio predicts cardiovascular mortality in patients on peritoneal dialysis. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 561-569.	1.1	15
68	High Level P2X7-Mediated Signaling Impairs Function of Hematopoietic Stem/Progenitor Cells. Stem Cell Reviews and Reports, 2016, 12, 305-314.	5.6	14
69	Effects of over-expressing a native gene encoding 5-enolpyruvylshikimate-3-phosphate synthase (EPSPS) on glyphosate resistance in Arabidopsis thaliana. PLoS ONE, 2017, 12, e0175820.	1.1	14
70	GSTP1 and GSTO1 single nucleotide polymorphisms and the response of bladder cancer patients to intravesical chemotherapy. Scientific Reports, 2015, 5, 14000.	1.6	13
71	Urine microRNAs as biomarkers for bladder cancer: a diagnostic meta-analysis. OncoTargets and Therapy, 2015, 8, 2089.	1.0	13
72	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. Metabolomics, 2020, 16, 85.	1.4	13

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73	Functional expression of P2X family receptors in macrophages is affected by microenvironment in mouse T cell acute lymphoblastic leukemia. Biochemical and Biophysical Research Communications, 2014, 446, 1002-1009.	1.0	12
74	Hepatic leukemia-associated macrophages exhibit a pro-inflammatory phenotype in Notch1-induced acute T cell leukemia. Immunobiology, 2018, 223, 73-80.	0.8	12
75	Diverse <i>in lymphoma xenograft model. Oncotarget, 2016, 7, 1354-1366.</i>	0.8	12
76	Linking environmental signals to plant metabolism: The combination of field trials and environment simulators. Molecular Plant, 2022, 15, 213-215.	3.9	12
77	Measuring and evaluating anthocyanin in lettuce leaf based on color information. IFAC-PapersOnLine, 2016, 49, 96-99.	0.5	11
78	Hydrogen production via in-line pyrolysis-reforming of organic solid waste enhanced by steel slags. International Journal of Hydrogen Energy, 2022, 47, 6605-6619.	3.8	11
79	Overexpression of a Native Gene Encoding 5-Enolpyruvylshikimate-3-Phosphate Synthase (EPSPS) May Enhance Fecundity in in in Arabidopsis thaliana in the Absence of Glyphosate. International Journal of Plant Sciences, 2018, 179, 390-401.	0.6	9
80	Role of MicroRNA-124 as a Prognostic Factor in Multiple Neoplasms: A Meta-Analysis. Disease Markers, 2019, 2019, 1-12.	0.6	9
81	Comparative transcriptomics and metabolomics analyses provide insights into thermal resistance in lettuce (Lactuca sativa L.). Scientia Horticulturae, 2021, 289, 110423.	1.7	9
82	Heterogeneous effects of Mâ€ <scp>CSF</scp> isoforms on the progression of <scp>MLL</scp> â€ <scp>AF</scp> 9 leukemia. Immunology and Cell Biology, 2018, 96, 190-203.	1.0	8
83	Effect of Channel Diameter on the Combustion and Thermal Behavior of a Hydrogen/Air Premixed Flame in a Swirl Micro-Combustor. Energies, 2019, 12, 3821.	1.6	8
84	Protective Role of Collectin 11 in a Mouse Model of Rheumatoid Arthritis. Arthritis and Rheumatology, 2021, 73, 1430-1440.	2.9	8
85	Segregation distortion affected by transgenes in early generations of rice cropâ€weed hybrid progeny: Implications for assessing potential evolutionary impacts from transgene flow into wild relatives. Journal of Systematics and Evolution, 2014, 52, 466-476.	1.6	7
86	Limited ecological risk of insect-resistance transgene flow from cultivated rice to its wild ancestor based on life-cycle fitness assessment. Science Bulletin, 2016, 61, 1440-1450.	4.3	7
87	Effect of Thermal Annealing on Aggregations in MEH-PPV Films. Journal of Physical Chemistry C, 2019, 123, 11055-11062.	1.5	7
88	Peritoneal resident macrophages in mice with MLL-AF9-induced acute myeloid leukemia show an M2-like phenotype. Annals of Translational Medicine, 2021, 9, 266-266.	0.7	7
89	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. Human Immunology, 2021, 82, 625-633.	1.2	7
90	Scientific data published by a peerâ€reviewed journal should be properly interpreted: a reply to the letter by Gressel <i>etÂal</i> . (2014). New Phytologist, 2014, 202, 363-366.	3.5	6

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91	Plant factory technology lights up urban horticulture in the post-coronavirus world. Horticulture Research, 2022, 9, .	2.9	6
92	Using a single transgenic event to infer fitness effects in crop–weed hybrids: a reply to the Letter by Grunewald & Bury (2014). New Phytologist, 2014, 202, 370-372.	3.5	5
93	Effects of TSP-1 -696 C/T polymorphism on bladder cancer susceptibility and clinicopathologic features. Cancer Genetics, 2014, 207, 247-252.	0.2	5
94	Prevention of post-ischemic seizure by rapamycin is associated with deactivation of mTOR and ERK1/2 pathways in hyperglycemic rats. Biochemical and Biophysical Research Communications, 2019, 520, 47-53.	1.0	5
95	Changes of antibiotic resistance over time among <i>Escherichia coli</i> peritonitis in Southern China. Peritoneal Dialysis International, 2022, 42, 218-222.	1.1	5
96	Seleno-Amino Acids in Vegetables: A Review of Their Forms and Metabolism. Frontiers in Plant Science, 2022, 13, 804368.	1.7	5
97	Meta-Analysis Reveals a Lack of Association between UGT2B17 Deletion Polymorphism and Tumor Susceptibility. PLoS ONE, 2014, 9, e96812.	1.1	4
98	Using Screenshots to Predict Task Switching on Smartphones. , 2019, , .		4
99	The negative impact of depressive symptoms on patient and technique survival in peritoneal dialysis: a prospective cohort study. International Urology and Nephrology, 2020, 52, 2393-2401.	0.6	4
100	Investigation of heat transfer characteristics of hydrogen combustion process in cylindrical combustors from microscale to mesoscale. International Journal of Hydrogen Energy, 2021, 46, 25893-25907.	3.8	4
101	Phase segregation in mixed halide perovskite by post-treatment of methylammonium halides. Vacuum, 2021, 194, 110624.	1.6	4
102	Rapamycin ameliorates brain damage and maintains mitochondrial dynamic balance in diabetic rats subjected to middle cerebral artery occlusion. Metabolic Brain Disease, 2023, 38, 409-418.	1.4	4
103	<i>TSP-1</i> -1223 A/G Polymorphism as a Potential Predictor of the Recurrence Risk of Bladder Cancer in a Chinese Population. International Journal of Genomics, 2013, 2013, 1-9.	0.8	3
104	Weedy Rice Evolution: De-domestication or Semi-domestication?. Molecular Plant, 2019, 12, 613-614.	3.9	3
105	Roles of peritoneal clearance and residual kidney removal in control of uric acid in patients on peritoneal dialysis. BMC Nephrology, 2020, 21, 148.	0.8	3
106	Effect of Coronavirus Disease 2019 on Patients with Bladder Cancer in China. Urologia Internationalis, $2021,105,1-3$.	0.6	3
107	Meningitis as a recurrent manifestation of anti-AQP4/anti-MOG negative neuromyelitis optica spectrum disorder: a case report. BMC Neurology, 2021, 21, 109.	0.8	3
108	Early initiation of PD therapy in elderly patients is associated with increased risk of death. CKJ: Clinical Kidney Journal, 2021, 14, 1649-1656.	1.4	3

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109	Laparoscopic radical cystectomy with pelvic re-peritonealization: the technique and initial clinical outcomes. BMC Urology, 2018, 18, 113.	0.6	2
110	Ebb-and-flow Subirrigation Strategies Increase Biomass and Nutrient Contents and Reduce Nitrate Levels in Lettuce. Hortscience: A Publication of the American Society for Hortcultural Science, 2018, 53, 1056-1061.	0.5	2
111	Adaptive Differentiation in Upland Rice: Bi-directional Selection. Molecular Plant, 2019, 12, 143-144.	3.9	2
112	Risk Factors and Clinical Outcomes of Cognitive Impairment in Diabetic Patients Undergoing Peritoneal Dialysis. Kidney and Blood Pressure Research, 2021, 46, 531-540.	0.9	2
113	CircFAM114A2 Promotes Cisplatin Sensitivity via miR-222-3p/P27 and miR-146a-5p/P21 Cascades in Urothelial Carcinoma. Frontiers in Oncology, 2021, 11, 659166.	1.3	2
114	Designing Microalgal Oils. Molecular Plant, 2019, 12, 472-473.	3.9	1
115	Association of brachial-ankle pulse wave velocity with cognitive impairment in peritoneal dialysis patients. Renal Failure, 2021, 43, 934-941.	0.8	1
116	Identification of the circRNA-miRNA-mRNA Regulatory Network in Bladder Cancer by Bioinformatics Analysis. International Journal of Genomics, 2021, 2021, 1-22.	0.8	1
117	Phase segregation leading to tunable amplified spontaneous emission in mixed halide perovskites. Materials Letters, 2022, 313, 131843.	1.3	1
118	Adverse factors on nonenhanced abdominal CT for long-term continuous ambulatory peritoneal dialysis: a comparative study between patients who withdraw from and maintain long-term peritoneal dialysis. Abdominal Radiology, 2021, 46, 5277-5283.	1.0	0
119	Robot-Assisted Laparoscopic Retroperitoneal Renal Artery Aneurysm Repair: A Rare Case Report and Literature Review. Urologia Internationalis, 2021, , 1-6.	0.6	O