

Jie Huang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

110
papers

7,209
citations

46
h-index

84
g-index

113
ext. papers

8,709
ext. citations

7.9
avg, IF

5.18
L-index

#	Paper	IF	Citations
110	Fatty acid oxidation fuels glioblastoma radioresistance with CD47-mediated immune evasion.. <i>Nature Communications</i> , 2022 , 13, 1511	17.4	7
109	Somatic FOXC1 insertion mutation remodels the immune microenvironment and promotes the progression of childhood acute lymphoblastic leukemia.. <i>Cell Death and Disease</i> , 2022 , 13, 431	9.8	0
108	Prenatal exposure to di (2-ethylhexyl) phthalate causes autism-like behavior through inducing Nischarin expression in the mouse offspring. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 585, 29-35	3.4	0
107	Decitabine Sensitizes the Radioresistant Lung Adenocarcinoma to Pemetrexed Through Upregulation of Folate Receptor Alpha. <i>Frontiers in Oncology</i> , 2021 , 11, 668798	5.3	1
106	Identification of prognostically relevant gene signatures in lung squamous cell carcinoma by Lung Cancer Explorer.. <i>Translational Cancer Research</i> , 2021 , 10, 2009-2022	0.3	
105	Pemetrexed-Platinum With or Without Bevacizumab for Chinese Chemo-Naive Advanced Lung Adenocarcinoma Patients: A Real-World Study. <i>Frontiers in Pharmacology</i> , 2021 , 12, 649222	5.6	0
104	Downregulation of breast cancer resistance protein by long-term fractionated radiotherapy sensitizes lung adenocarcinoma to SN-38. <i>Investigational New Drugs</i> , 2021 , 39, 458-468	4.3	1
103	Multi-omics analysis identifies potential mechanisms of AURKB in mediating poor outcome of lung adenocarcinoma. <i>Aging</i> , 2021 , 13, 5946-5966	5.6	1
102	Integrative proteome analysis implicates aberrant RNA splicing in impaired developmental potential of aged mouse oocytes. <i>Aging Cell</i> , 2021 , 20, e13482	9.9	3
101	Cell repopulation, rewiring metabolism, and immune regulation in cancer radiotherapy. <i>Radiation Medicine and Protection</i> , 2020 , 1, 24-30	2	2
100	Multiple Dynamics in Tumor Microenvironment Under Radiotherapy. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1263, 175-202	3.6	3
99	Dual blockade of CD47 and HER2 eliminates radioresistant breast cancer cells. <i>Nature Communications</i> , 2020 , 11, 4591	17.4	22
98	First-in-Human, First-in-Class Phase I Trial of the Anti-CD47 Antibody Hu5F9-G4 in Patients With Advanced Cancers. <i>Journal of Clinical Oncology</i> , 2019 , 37, 946-953	2.2	196
97	Crizotinib-associated toxic epidermal necrolysis in an ALK-positive advanced NSCLC patient. <i>Molecular and Clinical Oncology</i> , 2018 , 8, 457-459	1.6	7
96	Bone marrow infiltrated Lnc-INSR induced suppressive immune microenvironment in pediatric acute lymphoblastic leukemia. <i>Cell Death and Disease</i> , 2018 , 9, 1043	9.8	16
95	Identification of key genes and pathways for peri-implantitis through the analysis of gene expression data. <i>Experimental and Therapeutic Medicine</i> , 2017 , 13, 1832-1840	2.1	11
94	Comparison of the direct and indirect reduction techniques during the surgical management of posterior malleolar fractures. <i>BMC Musculoskeletal Disorders</i> , 2017 , 18, 109	2.8	34

93	The complete mitochondrial genome of the <i>Leopoldamys edwardsi</i> (Rodentia: Muridae). <i>Mitochondrial DNA</i> , 2016 , 27, 1882-4		2
92	PTEN Expression as a Predictor of Response to Focal Adhesion Kinase Inhibition in Uterine Cancer. <i>Molecular Cancer Therapeutics</i> , 2015 , 14, 1466-1475	6.1	11
91	Rational Design and Synthesis of Fe ₂ O ₃ @Au Magnetic Gold Nanoflowers for Efficient Cancer Theranostics. <i>Advanced Materials</i> , 2015 , 27, 5049-56	24	117
90	The UK10K project identifies rare variants in health and disease. <i>Nature</i> , 2015 , 526, 82-90	50.4	776
89	A high-fat maternal diet decreases adiponectin receptor-1 expression in offspring. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015 , 28, 216-21	2	9
88	Exome sequencing identifies rare LDLR and APOA5 alleles conferring risk for myocardial infarction. <i>Nature</i> , 2015 , 518, 102-6	50.4	463
87	The complete mitochondrial genome of <i>Accipiter virgatus</i> and evolutionary history of the pseudo-control regions in Falconiformes. <i>Biochemical Systematics and Ecology</i> , 2015 , 58, 75-84	1.4	19
86	Analysis of vascular endothelial dysfunction genes and related pathways in obesity through systematic bioinformatics. <i>Bio-Medical Materials and Engineering</i> , 2015 , 26 Suppl 1, S1871-81	1	
85	Down-regulation of c-Met and Bcl2 by microRNA-206, activates apoptosis, and inhibits tumor cell proliferation, migration and colony formation. <i>Oncotarget</i> , 2015 , 6, 25533-74	3.3	100
84	pH-Responsive Cyanine-Grafted Graphene Oxide for Fluorescence Resonance Energy Transfer-Enhanced Photothermal Therapy. <i>Advanced Functional Materials</i> , 2015 , 25, 59-67	15.6	107
83	Emerging and endemic types of Ostreid herpesvirus 1 were detected in bivalves in China. <i>Journal of Invertebrate Pathology</i> , 2015 , 124, 98-106	2.6	43
82	Mercury and Selected Trace Elements from a Remote (Gosainkunda) and an Urban (Phewa) Lake Waters of Nepal. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 1	2.6	28
81	Claudin-1 enhances tumor proliferation and metastasis by regulating cell anoikis in gastric cancer. <i>Oncotarget</i> , 2015 , 6, 1652-65	3.3	43
80	Mitochondrial Ca(2+) uptake by the voltage-dependent anion channel 2 regulates cardiac rhythmicity. <i>ELife</i> , 2015 , 4,	8.9	56
79	The use of mutation-specific antibodies in predicting the effect of EGFR-TKIs in patients with non-small-cell lung cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2014 , 140, 849-57	4.9	13
78	Transcriptomic analysis of Asiatic lily in the process of vernalization via RNA-seq. <i>Molecular Biology Reports</i> , 2014 , 41, 3839-52	2.8	21
77	MiR-133b is frequently decreased in gastric cancer and its overexpression reduces the metastatic potential of gastric cancer cells. <i>BMC Cancer</i> , 2014 , 14, 34	4.8	36
76	Ionic composition of wet precipitation over the southern slope of central Himalayas, Nepal. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 2677-87	5.1	46

75	The compromised inflammatory response to bacterial components after pediatric cardiac surgery is associated with cardiopulmonary bypass-suppressed Toll-like receptor signal transduction pathways. <i>Journal of Critical Care</i> , 2014 , 29, 312.e7-13	4	14
74	Notch3 pathway alterations in ovarian cancer. <i>Cancer Research</i> , 2014 , 74, 3282-93	10.1	51
73	An atlas of genetic influences on human blood metabolites. <i>Nature Genetics</i> , 2014 , 46, 543-550	36.3	695
72	Epidemiology and antimicrobial resistance among commonly encountered bacteria associated with infections and colonization in intensive care units in a university-affiliated hospital in Shanghai. <i>Journal of Microbiology, Immunology and Infection</i> , 2014 , 47, 87-94	8.5	23
71	Evaluation of amifostine for protection against cisplatin-induced serious hearing loss in children treated for average-risk or high-risk medulloblastoma. <i>Neuro-Oncology</i> , 2014 , 16, 848-55	1	50
70	Cassava genome from a wild ancestor to cultivated varieties. <i>Nature Communications</i> , 2014 , 5, 5110	17.4	156
69	The nascent polypeptide-associated complex is essential for autophagic flux. <i>Autophagy</i> , 2014 , 10, 1738-48	14.2	14
68	Concordance between the chang and the International Society of Pediatric Oncology (SIOP) ototoxicity grading scales in patients treated with cisplatin for medulloblastoma. <i>Pediatric Blood and Cancer</i> , 2014 , 61, 601-5	3	25
67	Mechanisms for U2AF to define 3Rsplice sites and regulate alternative splicing in the human genome. <i>Nature Structural and Molecular Biology</i> , 2014 , 21, 997-1005	17.6	111
66	A rare variant in APOC3 is associated with plasma triglyceride and VLDL levels in Europeans. <i>Nature Communications</i> , 2014 , 5, 4871	17.4	46
65	Mesenchymal-endothelial transition contributes to cardiac neovascularization. <i>Nature</i> , 2014 , 514, 585-90	50.4	222
64	A new nodavirus is associated with covert mortality disease of shrimp. <i>Journal of General Virology</i> , 2014 , 95, 2700-2709	4.9	46
63	The significance of Notch ligand expression in the peripheral blood of children with hand, foot and mouth disease (HFMD). <i>BMC Infectious Diseases</i> , 2014 , 14, 337	4	3
62	Evaluation of left ventricular systolic strain in children with Kawasaki disease. <i>Pediatric Cardiology</i> , 2014 , 35, 1191-7	2.1	13
61	Techno-economic analysis of resource recovery of glyphosate liquor by membrane technology. <i>Desalination</i> , 2014 , 342, 118-125	10.3	32
60	FGF signaling activates a Sox9-Sox10 pathway for the formation and branching morphogenesis of mouse ocular glands. <i>Development (Cambridge)</i> , 2014 , 141, 2691-701	6.6	54
59	Autocrine effects of tumor-derived complement. <i>Cell Reports</i> , 2014 , 6, 1085-1095	10.6	118
58	Molecular characterization, immune response against white spot syndrome virus infection of peroxiredoxin 4 in Fenneropenaeus chinensis and its antioxidant activity. <i>Fish and Shellfish Immunology</i> , 2014 , 37, 38-45	4.3	13

57	Evaluation of the highly variable agomelatine pharmacokinetics in Chinese healthy subjects to support bioequivalence study. <i>PLoS ONE</i> , 2014 , 9, e109300	3.7	8
56	No evidence for genome-wide interactions on plasma fibrinogen by smoking, alcohol consumption and body mass index: results from meta-analyses of 80,607 subjects. <i>PLoS ONE</i> , 2014 , 9, e111156	3.7	5
55	Tumor necrosis factor- α is a diagnostic marker for neonatal sepsis: a meta-analysis. <i>Scientific World Journal, The</i> , 2014 , 2014, 471463	2.2	20
54	Hypoxia adaptations in the grey wolf (<i>Canis lupus chanco</i>) from Qinghai-Tibet Plateau. <i>PLoS Genetics</i> , 2014 , 10, e1004466	6	107
53	Genome-wide association study for circulating tissue plasminogen activator levels and functional follow-up implicates endothelial STXBP5 and STX2. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 1093-101	9.4	33
52	A general approach for haplotype phasing across the full spectrum of relatedness. <i>PLoS Genetics</i> , 2014 , 10, e1004234	6	377
51	Identification of microRNA as sepsis biomarker based on miRNAs regulatory network analysis. <i>BioMed Research International</i> , 2014 , 2014, 594350	3	45
50	Transcriptome profiling of the cold response and signaling pathways in <i>Lilium lancifolium</i> . <i>BMC Genomics</i> , 2014 , 15, 203	4.5	69
49	Clodronate inhibits tumor angiogenesis in mouse models of ovarian cancer. <i>Cancer Biology and Therapy</i> , 2014 , 15, 1061-7	4.6	27
48	Concentrations of trace elements in wet deposition over the central Himalayas, Nepal. <i>Atmospheric Environment</i> , 2014 , 95, 231-238	5.3	71
47	Cross-talk between EphA2 and BRAf/CRaf is a key determinant of response to Dasatinib. <i>Clinical Cancer Research</i> , 2014 , 20, 1846-55	12.9	20
46	Apogossypolone induces autophagy and apoptosis in breast cancer MCF-7 cells in vitro and in vivo. <i>Breast Cancer</i> , 2014 , 21, 223-30	3.4	17
45	Complete genome sequence of acute viral necrosis virus associated with massive mortality outbreaks in the Chinese scallop, <i>Chlamys farreri</i> . <i>Virology Journal</i> , 2013 , 10, 110	6.1	62
44	Mercury concentrations in commercial fish species of Lake Phewa, Nepal. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013 , 91, 272-7	2.7	8
43	Tracking the intracellular drug release from graphene oxide using surface-enhanced Raman spectroscopy. <i>Nanoscale</i> , 2013 , 5, 10591-8	7.7	50
42	Role of focal adhesion kinase in regulating YB-1-mediated paclitaxel resistance in ovarian cancer. <i>Journal of the National Cancer Institute</i> , 2013 , 105, 1485-95	9.7	121
41	Atmospheric deposition of trace elements recorded in snow from the Mt. Nyainq̄tanglha region, southern Tibetan Plateau. <i>Chemosphere</i> , 2013 , 92, 871-81	8.4	44
40	Histone deacetylase inhibitor AR-42 differentially affects cell-cycle transit in meningeal and meningioma cells, potently inhibiting NF2-deficient meningioma growth. <i>Cancer Research</i> , 2013 , 73, 792-803	10.1	29

39	Wet deposition of mercury at Lhasa, the capital city of Tibet. <i>Science of the Total Environment</i> , 2013 , 447, 123-32	10.2	54
38	Genetic predictors of risk and resilience in psychiatric disorders: a cross-disorder genome-wide association study of functional impairment in major depressive disorder, bipolar disorder, and schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2013 , 162B, 779-88	3.5	32
37	Synthesis, protein delivery, and in vitro and in vivo toxicity of a biodegradable poly(aminoester). <i>Toxicology Research</i> , 2013 , 2, 379	2.6	4
36	Two new glycosides from <i>Vitex negundo</i> . <i>Natural Product Research</i> , 2013 , 27, 1837-41	2.3	6
35	Combination of TNF- α and graphene oxide-loaded BEZ235 to enhance apoptosis of PIK3CA mutant colorectal cancer cells. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 5602-5610	7.3	13
34	Age of onset of amyotrophic lateral sclerosis is modulated by a locus on 1p34.1. <i>Neurobiology of Aging</i> , 2013 , 34, 357.e7-19	5.6	53
33	PEGylated reduced graphene oxide as a superior ssRNA delivery system. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 749-755	7.3	84
32	The use of BMED for glyphosate recovery from glyphosate neutralization liquor in view of zero discharge. <i>Journal of Hazardous Materials</i> , 2013 , 260, 660-7	12.8	55
31	Preparation of highly pure tetrapropyl ammonium hydroxide using continuous bipolar membrane electro dialysis. <i>Chemical Engineering Journal</i> , 2013 , 220, 311-319	14.7	36
30	The molecular basis of invasiveness: differences in gene expression of native and introduced common ragweed (<i>Ambrosia artemisiifolia</i>) in stressful and benign environments. <i>Molecular Ecology</i> , 2013 , 22, 2496-510	5.7	44
29	. <i>IEEE Transactions on Smart Grid</i> , 2013 , 4, 1675-1683	10.7	26
28	Genome-wide analysis reveals SR protein cooperation and competition in regulated splicing. <i>Molecular Cell</i> , 2013 , 50, 223-35	17.6	208
27	Dimensionally and compositionally controlled growth of calcium phosphate nanowires for bone tissue regeneration. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 6170-6176	7.3	21
26	Meta-analysis of genome-wide association studies identifies six new Loci for serum calcium concentrations. <i>PLoS Genetics</i> , 2013 , 9, e1003796	6	100
25	Phase I trial, pharmacokinetics, and pharmacodynamics of vandetanib and dasatinib in children with newly diagnosed diffuse intrinsic pontine glioma. <i>Clinical Cancer Research</i> , 2013 , 19, 3050-8	12.9	67
24	Genome-wide association study identifies 3 genomic loci significantly associated with serum levels of homoarginine: the AtheroRemo Consortium. <i>Circulation: Cardiovascular Genetics</i> , 2013 , 6, 505-13		46
23	G-protein inactivator RGS6 mediates myocardial cell apoptosis and cardiomyopathy caused by doxorubicin. <i>Cancer Research</i> , 2013 , 73, 1662-7	10.1	46
22	Impaired error-monitoring function in people with Internet addiction disorder: an event-related fMRI study. <i>European Addiction Research</i> , 2013 , 19, 269-75	4.6	52

21	Multiethnic meta-analysis of genome-wide association studies in >100 000 subjects identifies 23 fibrinogen-associated Loci but no strong evidence of a causal association between circulating fibrinogen and cardiovascular disease. <i>Circulation</i> , 2013 , 128, 1310-24	16.7	107
20	Understanding the pathogenesis of Kawasaki disease by network and pathway analysis. <i>Computational and Mathematical Methods in Medicine</i> , 2013 , 2013, 989307	2.8	21
19	Transcriptome divergence between introduced and native populations of Canada thistle, <i>Cirsium arvense</i> . <i>New Phytologist</i> , 2013 , 199, 595-608	9.8	22
18	Development of a novel long-acting antidiabetic FGF21 mimetic by targeted conjugation to a scaffold antibody. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013 , 346, 270-80	4.7	88
17	A new molecular phylogeny and a new genus, <i>Pendulorchis</i> , of the <i>Aerides-Vanda</i> alliance (Orchidaceae: Epidendroideae). <i>PLoS ONE</i> , 2013 , 8, e60097	3.7	11
16	Pax6 interactions with chromatin and identification of its novel direct target genes in lens and forebrain. <i>PLoS ONE</i> , 2013 , 8, e54507	3.7	54
15	Transcriptome and proteome exploration to provide a resource for the study of <i>Agrocybe aegerita</i> . <i>PLoS ONE</i> , 2013 , 8, e56686	3.7	46
14	Effects of upregulation of Hsp27 expression on oocyte development and maturation derived from polycystic ovary syndrome. <i>PLoS ONE</i> , 2013 , 8, e83402	3.7	16
13	Wet deposition of mercury at a remote site in the Tibetan Plateau: Concentrations, speciation, and fluxes. <i>Atmospheric Environment</i> , 2012 , 62, 540-550	5.3	73
12	Development and validation of a TaqMan [®] fluorescent quantitative real-time PCR assay for the rapid detection of <i>Edwardsiella tarda</i> . <i>Acta Oceanologica Sinica</i> , 2012 , 31, 140-148	1	4
11	Genome-wide association study for circulating levels of PAI-1 provides novel insights into its regulation. <i>Blood</i> , 2012 , 120, 4873-81	2.2	65
10	Diffusion tensor imaging reveals thalamus and posterior cingulate cortex abnormalities in internet gaming addicts. <i>Journal of Psychiatric Research</i> , 2012 , 46, 1212-6	5.2	118
9	Alterations in regional homogeneity of resting-state brain activity in internet gaming addicts. <i>Behavioral and Brain Functions</i> , 2012 , 8, 41	4.1	71
8	PEGylated graphene oxide-mediated protein delivery for cell function regulation. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 6317-23	9.5	136
7	Antimicrobial activity of nanoparticulate metal oxides against peri-implantitis pathogens. <i>International Journal of Antimicrobial Agents</i> , 2012 , 40, 135-9	14.3	155
6	A real-time PCR targeted to the upstream regions of HlyB for specific detection of <i>Edwardsiella tarda</i> . <i>Chinese Journal of Oceanology and Limnology</i> , 2012 , 30, 731-737		2
5	Using family-based imputation in genome-wide association studies with large complex pedigrees: the Framingham Heart Study. <i>PLoS ONE</i> , 2012 , 7, e51589	3.7	10
4	Mechanism of cellular uptake of graphene oxide studied by surface-enhanced Raman spectroscopy. <i>Small</i> , 2012 , 8, 2577-84	11	180

3	An improved method for detection of by loop-mediated isothermal amplification by targeting the gene. <i>Chinese Journal of Oceanology and Limnology</i> , 2012 , 30, 595-603		6
2	Metronomic activity of CD44-targeted hyaluronic acid-paclitaxel in ovarian carcinoma. <i>Clinical Cancer Research</i> , 2012 , 18, 4114-21	12.9	38
1	Deep insight into the <i>Ganoderma lucidum</i> by comprehensive analysis of its transcriptome. <i>PLoS ONE</i> , 2012 , 7, e44031	3.7	46