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List of Publications by Year
in descending order

113 papers	2,129 citations	279487 23 h-index	315357 38 g-index
119 all docs	119 docs citations	119 times ranked	2855 citing authors

#	Article	IF	Citations
1	Polyoxometalate@Metalâ€“Organic Framework Composites as Effective Photocatalysts. ACS Catalysis, 2021, 11, 13374-13396.	5.5	121
2	Prevention of Î²-amyloid induced toxicity in human iPS cell-derived neurons by inhibition of Cyclin-dependent kinases and associated cell cycle events. Stem Cell Research, 2013, 10, 213-227.	0.3	109
3	Rotation of Meiotic Spindle Is Controlled by Microfilaments in Mouse Oocytes1. Biology of Reproduction, 2003, 68, 943-946.	1.2	86
4	H6, a novel hederagenin derivative, reverses multidrug resistance in vitro and in vivo. Toxicology and Applied Pharmacology, 2018, 341, 98-105.	1.3	82
5	Identification of a Major QTL and Candidate Gene Analysis of Salt Tolerance at the Bud Burst Stage in Rice (Oryza sativa L.) Using QTL-Seq and RNA-Seq. Rice, 2020, 13, 55.	1.7	68
6	Aquaporinâ€1 retards renal cyst development in polycystic kidney disease by inhibition of Wnt signaling. FASEB Journal, 2015, 29, 1551-1563.	0.2	66
7	A novel long intergenic noncoding <scp>RNA</scp> indispensable for the cleavage of mouse twoâ€cell embryos. EMBO Reports, 2016, 17, 1452-1470.	2.0	55
8	AC Electrothermal Circulatory Pumping Chip for Cell Culture. ACS Applied Materials & Interfaces, 2015, 7, 26792-26801.	4.0	52
9	Chloro-phosphate impregnated biochar prepared by co-precipitation for the lead, cadmium and copper synergic scavenging from aqueous solution. Bioresource Technology, 2019, 293, 122102.	4.8	50
10	CDX2 is essential for cell proliferation and polarity in porcine blastocysts. Development (Cambridge), 2017, 144, 1296-1306.	1.2	48
11	Identification of the 3-lncRNA Signature as a Prognostic Biomarker for Colorectal Cancer. International Journal of Molecular Sciences, 2020, 21, 9359.	1.8	47
12	High Vimentin Expression Predicts a Poor Prognosis and Progression in Colorectal Cancer: A Study with Meta-Analysis and TCGA Database. BioMed Research International, 2018, 2018, 1-14.	0.9	44
13	A Series of Enthalpically Optimized Docetaxel Analogues Exhibiting Enhanced Antitumor Activity and Water Solubility. Journal of Natural Products, 2018, 81, 524-533.	1.5	39
14	Jointed Synchronous Photocatalytic Oxidation and Chromate Reduction Enabled by the Defect Distribution upon BiVO₄: Mechanism Insight and Toxicity Assessment. ACS Applied Materials & Interfaces, 2021, 13, 17586-17598.	4.0	39
15	Comprehensive analysis of the SLC16A gene family in pancreatic cancer via integrated bioinformatics. Scientific Reports, 2020, 10, 7315.	1.6	37
16	QTL Mapping and Candidate Gene Analysis for Alkali Tolerance in Japonica Rice at the bud Stage Based on Linkage Mapping and Genome-Wide Association Study. Rice, 2020, 13, 48.	1.7	36
17	Flavan-3-ols consumption and cancer risk: a meta-analysis of epidemiologic studies. Oncotarget, 2016, 7, 73573-73592.	0.8	35
18	Arsenic trioxide promotes senescence and regulates the balance of adipogenic and osteogenic differentiation in human mesenchymal stem cells. Acta Biochimica Et Biophysica Sinica, 2011, 43, 204-209.	0.9	34

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19	Immobilized polyazomethines containing triphenylamine groups on ITO: synthesis and acidochromic, electrochemical, electrochromic and photoelectronic properties. RSC Advances, 2016, 6, 4564-4575.	1.7	33
20	MSCs guide neurite directional extension and promote oligodendrogenesis in NSCs. Biochemical and Biophysical Research Communications, 2009, 384, 372-377.	1.0	32
21	miRNA-223 inhibits epithelial-mesenchymal transition in gastric carcinoma cells via Sp1. International Journal of Oncology, 2016, 49, 325-335.	1.4	32
22	Autophagy is required for proper meiosis of porcine oocytes maturing in vitro. Scientific Reports, 2018, 8, 12581.	1.6	30
23	Induction of autophagy improves embryo viability in cloned mouse embryos. Scientific Reports, 2016, 5, 17829.	1.6	26
24	Tumorigenic and Immunogenic Properties of Induced Pluripotent Stem Cells: a Promising Cancer Vaccine. Stem Cell Reviews and Reports, 2020, 16, 1049-1061.	1.7	25
25	pCREB is Involved in Neural Induction of Mouse Embryonic Stem Cells by RA. Anatomical Record, 2008, 291, 519-526.	0.8	24
26	Iron Homeostasis Determines Fate of Human Pluripotent Stem Cells Via Glycerophospholipids-Epigenetic Circuit. Stem Cells, 2019, 37, 489-503.	1.4	24
27	Construction of a metastasis-associated ceRNA network reveals a prognostic signature in lung cancer. Cancer Cell International, 2020, 20, 208.	1.8	24
28	Icariin induces mouse embryonic stem cell differentiation into beating functional cardiomyocytes. Molecular and Cellular Biochemistry, 2011, 349, 117-123.	1.4	23
29	rRNA Genes Are Not Fully Activated in Mouse Somatic Cell Nuclear Transfer Embryos. Journal of Biological Chemistry, 2012, 287, 19949-19960.	1.6	23
30	Discovery, synthesis of novel fusidic acid derivatives possessed amino-terminal groups at the 3-hydroxyl position with anticancer activity. European Journal of Medicinal Chemistry, 2019, 162, 122-131.	2.6	23
31	Stabilization of lead in polluted sediment based on an eco-friendly amendment strategy: Microenvironment response mechanism. Journal of Hazardous Materials, 2021, 415, 125534.	6.5	23
32	ES Cell Extractâ€Induced Expression of Pluripotent Factors in Somatic Cells. Anatomical Record, 2009, 292, 1229-1234.	0.8	22
33	Brain organoid: a 3D technology for investigating cellular composition and interactions in human neurological development and disease models in vitro. Stem Cell Research and Therapy, 2021, 12, 430.	2.4	22
34	Generation of neural progenitors from induced Bama miniature pig pluripotent cells. Reproduction, 2014, 147, 65-72.	1.1	21
35	Aquaporin-3 deletion in mice results in renal collecting duct abnormalities and worsens ischemia-reperfusion injury. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 1231-1241.	1.8	21
36	Boron nitride quantum dots decorated MIL-100(Fe) for boosting the photo-generated charge separation in photocatalytic refractory antibiotics removal. Environmental Research, 2021, 202, 111661.	3.7	21

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37	How does the microenvironment change during the stabilization of cadmium in exogenous remediation sediment?. Journal of Hazardous Materials, 2020, 398, 122836.	6.5	21
38	Design, synthesis and biological evaluation of novel Î±-hederagenin derivatives with anticancer activity. European Journal of Medicinal Chemistry, 2017, 141, 427-439.	2.6	19
39	The expression and immunoregulation of immune checkpoint molecule VISTA in autoimmune diseases and cancers. Cytokine and Growth Factor Reviews, 2020, 52, 1-14.	3.2	18
40	Identification of Candidate Genes Conferring Cold Tolerance to Rice (Oryza sativa L.) at the Bud-Bursting Stage Using Bulk Segregant Analysis Sequencing and Linkage Mapping. Frontiers in Plant Science, 2021, 12, 647239.	1.7	18
41	Combining QTL-seq and linkage mapping to fine map a candidate gene in qCTS6 for cold tolerance at the seedling stage in rice. BMC Plant Biology, 2021, 21, 278.	1.6	18
42	Polyurethanes prepared from isocyanates containing triphenylamine derivatives: synthesis and optical, electrochemical, electrochromic and memory properties. RSC Advances, 2015, 5, 58843-58853.	1.7	17
43	Kdm6a overexpression improves the development of cloned mouse embryos. Zygote, 2018, 26, 24-32.	0.5	17
44	Histone demethylase KDM6A promotes somatic cell reprogramming by epigenetically regulating the PTEN and IL-6 signal pathways. Stem Cells, 2020, 38, 960-972.	1.4	17
45	RA induces the neural-like cells generated from epigenetic modified NIH/3T3 cells. Molecular Biology Reports, 2010, 37, 1197-1202.	1.0	16
46	Selection and Expression Profiles of Reference Genes in Mouse Preimplantation Embryos of Different Ploidies at Various Developmental Stages. PLoS ONE, 2014, 9, e98956.	1.1	15
47	Rapamycin and FTY720 Alleviate Atherosclerosis by Cross Talk of Macrophage Polarization and Autophagy. BioMed Research International, 2018, 2018, 1-9.	0.9	15
48	Oxygen vacancy-rich doped CDs@graphite felt-600 heterostructures for high-performance supercapacitor electrodes. Nanoscale, 2021, 13, 4995-5005.	2.8	15
49	MicroRNA-3607 inhibits the tumorigenesis of colorectal cancer by targeting DDI2 and regulating the DNA damage repair pathway. Apoptosis: an International Journal on Programmed Cell Death, 2019, 24, 662-672.	2.2	14
50	Design, Synthesis, and Biological Evaluation of Novel Nitrogen Heterocycle-Containing Ursolic Acid Analogs as Antitumor Agents. Molecules, 2019, 24, 877.	1.7	14
51	Research of the role of microstructure in the wear mechanism of canine and bovine enamel. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 92, 33-39.	1.5	14
52	Wear mechanism of human tooth enamel: The role of interfacial protein bonding between HA crystals. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 110, 103845.	1.5	14
53	Biomarkers related to immune checkpoint inhibitors therapy. Biomedicine and Pharmacotherapy, 2022, 147, 112470.	2.5	14
54	Aggregation of preâ€implantation embryos improves establishment of parthenogenetic stem cells and expression of imprinted genes. Development Growth and Differentiation, 2012, 54, 481-488.	0.6	13

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55	Association between the interleukin-4, interleukin-13 polymorphisms and asthma: a meta-analysis. Molecular Biology Reports, 2013, 40, 1365-1376.	1.0	12
56	Effects of dimethyl sulfoxide on asymmetric division and cytokinesis in mouse oocytes. BMC Developmental Biology, 2014, 14, 28.	2.1	12
57	ANXA1 Silencing Increases the Sensitivity of Cancer Cells to Low-concentration Arsenic Trioxide Treatment by Inhibiting ERK MAPK Activation. Tumori, 2015, 101, 360-367.	0.6	12
58	Morphological changes and germ layer formation in the porcine embryos from days 7â€“13 of development. Zygote, 2015, 23, 266-276.	0.5	12
59	Serum starvation-induced cell cycle synchronization stimulated mouse rDNA transcription reactivation during somatic cell reprogramming into iPSCs. Stem Cell Research and Therapy, 2016, 7, 112.	2.4	12
60	Cytochalasin B treatment of mouse oocytes during intracytoplasmic sperm injection (ICSI) increases embryo survival without impairment of development. Zygote, 2012, 20, 361-369.	0.5	11
61	Laparoscopic left hepatectomy in swine: a safe and feasible technique. Journal of Veterinary Science, 2014, 15, 417.	0.5	11
62	Abnormal dynamic changes in Î²-tubulin in somatic nuclear transfer cloned mouse embryos. Zygote, 2015, 23, 76-82.	0.5	11
63	Exendin-4 enhances expression of Neurod1 and Glut2 in insulin-producing cells derived from mouse embryonic stem cells. Archives of Medical Science, 2016, 1, 199-207.	0.4	11
64	Ambient PM2.5-induced brain injury is associated with the activation of PI3K/AKT/FoxO1 pathway. Environmental Science and Pollution Research, 2021, , 1.	2.7	11
65	NLRP3 inflammasome is involved in ambient PM_{2.5}-related metabolic disorders in diabetic model mice but not in wild-type mice. Inhalation Toxicology, 2021, 33, 260-267.	0.8	11
66	Generation of Dorsal Spinal Cord GABAergic Neurons from Mouse Embryonic Stem Cells. Cellular Reprogramming, 2011, 13, 85-91.	0.5	10
67	Blocking Nox2 improves mesenchymal stem cells therapy in myocardial infarction via antagonizing oxidant and promoting survival. Journal of Cellular Physiology, 2018, 233, 7004-7015.	2.0	10
68	Alteration of the tumor suppressor SARDH in sporadic colorectal cancer: A functional and transcriptome profilingâ€based study. Molecular Carcinogenesis, 2019, 58, 957-966.	1.3	10
69	The Response of Grain Yield and Root Morphological and Physiological Traits to Nitrogen Levels in Paddy Rice. Frontiers in Plant Science, 2021, 12, 713814.	1.7	10
70	Rescue of retinal morphology and function in a humanized mouse at the mouse retinol-binding protein locus. Laboratory Investigation, 2017, 97, 395-408.	1.7	9
71	Hierarchical urchin-like amorphous carbon with Co-adding anchored on nickel foam: A free-standing electrode for advanced asymmetrical supercapacitors and adsorbed Pb (II). Journal of Colloid and Interface Science, 2021, 603, 58-69.	5.0	9
72	Continuous Passages Accelerate the Reprogramming of Mouse Induced Pluripotent Stem Cells. Cellular Reprogramming, 2014, 16, 77-83.	0.5	8

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73	The Interaction of Smoking with Gene Polymorphisms on Four Digestive Cancers: A Systematic Review and Meta-Analysis. Journal of Cancer, 2018, 9, 1506-1517.	1.2	8
74	Parental <scp>PM₂</scp>_{.5} exposure changes Th17/Treg cells in offspring, is associated with the elevation of blood pressure. Environmental Toxicology, 2021, 36, 1152-1161.	2.1	8
75	Influence of two polyphenols on the structure and lubrication of salivary pellicle: An in vitro study on astringency mechanism. Friction, 2022, 10, 167-178.	3.4	8
76	Methyl-CpGâ€“Binding Protein 2 Improves the Development of Mouse Somatic Cell Nuclear Transfer Embryos. Cellular Reprogramming, 2016, 18, 78-86.	0.5	7
77	Whole-genome mining of abiotic stress gene loci in rice. Planta, 2020, 252, 85.	1.6	7
78	Surface Hardening Behavior of Enamel by Masticatory Loading: Occurrence Mechanism and Antiwear Effect. ACS Biomaterials Science and Engineering, 2020, 6, 4454-4461.	2.6	7
79	iTRAQ-based quantitative proteomic analysis of Yamanaka factors reprogrammed breast cancer cells. Oncotarget, 2017, 8, 34330-34339.	0.8	7
80	ApoER2 and VLDLR in the developing human telencephalon. European Journal of Paediatric Neurology, 2011, 15, 361-367.	0.7	6
81	Mapping of a major QTL for salinity tolerance at the bud burst stage in rice (Oryza sativa L) using a high-density genetic map. Euphytica, 2021, 217, 1.	0.6	6
82	Structure and function of glycosphingolipids on small extracellular vesicles. Glycoconjugate Journal, 2022, 39, 197-205.	1.4	6
83	Embryos aggregation improves development and imprinting gene expression in mouse parthenogenesis. Development Growth and Differentiation, 2016, 58, 270-279.	0.6	5
84	A multifunctional resealable perfusion chip for cell culture and tissue engineering. RSC Advances, 2016, 6, 27183-27190.	1.7	5
85	Embryonic germ cell extracts erase imprinted genes and improve the efficiency of induced pluripotent stem cells. Scientific Reports, 2018, 8, 10955.	1.6	5
86	Transient inhibition of rDNA transcription in donor cells improves ribosome biogenesis and preimplantation development of embryos derived from somatic cell nuclear transfer. FASEB Journal, 2020, 34, 8283-8295.	0.2	5
87	C8orf48 inhibits the tumorigenesis of colorectal cancer by regulating the MAPK signaling pathway. Life Sciences, 2021, 266, 118872.	2.0	5
88	Adverse and unconventional reactions related to immune checkpoint inhibitor therapy for cancer. International Immunopharmacology, 2022, 108, 108803.	1.7	5
89	The Ability of Transplanted Bone Marrow-Derived Cells to Differentiate into Parenchymal Cells of Salivary Glands. Journal of Hard Tissue Biology, 2013, 22, 433-438.	0.2	4
90	Comparison of Reprogramming Genes in Induced Pluripotent Stem Cells and Nuclear Transfer Cloned Embryos. Stem Cell Reviews and Reports, 2014, 10, 548-560.	5.6	4

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91	The miR-106b/NR2F2-AS1/PLEKHO2 Axis Regulates Migration and Invasion of Colorectal Cancer through the MAPK Pathway. International Journal of Molecular Sciences, 2021, 22, 5877.	1.8	4
92	Functional study of distinct domains of Dux in improving mouse SCNT embryonic developmentâ€. Biology of Reproduction, 2021, 105, 1089-1103.	1.2	4
93	Synthesis of New BAPTA Calcium Chelators. Synthetic Communications, 2009, 39, 2074-2081.	1.1	3
94	Number of blastomeres and distribution of microvilli in cloned mouse embryos during compaction. Zygote, 2011, 19, 271-276.	0.5	3
95	Lack of association between the G+2044A polymorphism of interleukin-13 gene and chronic obstructive pulmonary disease: a meta-analysis. Molecular Biology Reports, 2014, 41, 6297-6303.	1.0	3
96	Enhanced UV Resistance Role of Death Domainâ€“Associated Protein in Human MDA-MB-231 Breast Cancer Cells by Regulation of G2 DNA Damage Checkpoint. Cell Transplantation, 2020, 29, 096368972092027.	1.2	3
97	The Effects of Daxx Knockout on Pluripotency and Differentiation of Mouse Induced Pluripotent Stem Cells. Cellular Reprogramming, 2020, 22, 90-98.	0.5	3
98	Development and Validation of a Necroptosis-Related Prognostic Model in Head and Neck Squamous Cell Carcinoma. Journal of Oncology, 2022, 2022, 1-15.	0.6	3
99	Developmental pattern of hexaploid mouse embryos produced by blastomere fusion of diploid and tetraploid embryos at the 2-cell stage. Zygote, 2009, 17, 125-130.	0.5	2
100	RNAi-mediated knockdown of Parp1 does not improve the development of female cloned mouse embryos. Oncotarget, 2017, 8, 69863-69873.	0.8	2
101	Ratio of the zygote cytoplasm to the paternal genome affects the reprogramming and developmental efficiency of androgenetic embryos. Molecular Reproduction and Development, 2020, 87, 493-502.	1.0	2
102	Developmental potential studies of hexaploid embryos produced by blastomeres fusion of diploid and tetraploid embryos at 2-cell stage. Cell Biology International, 2008, 32, S57-S58.	1.4	1
103	Combined gene family characterization and RNA-Seq to study the response of Î²-ketoacyl-CoA synthase to abiotic stress in rice (Oryza sativa L.). Plant Growth Regulation, 2021, 95, 97-110.	1.8	1
104	Histone variant H3.3 and its functions in reprogramming. Yi Chuan = Hereditas / Zhongguo Yi Chuan Xue Hui Bian Ji, 2018, 40, 186-196.	0.1	1
105	Effect of remineralisation on the mechanical properties and tribological behaviour of human tooth dentine. Biosurface and Biotribology, 2020, 6, 92-95.	0.6	1
106	Upregulation of ID2 antagonizes arsenic trioxide-induced antitumor effects in cancer cells. Tumori, 2014, 100, 352-7.	0.6	1
107	PCREB is involved in neural induction of mouse embryonic stem cells by retinoid acid. Cell Biology International, 2008, 32, S23-S23.	1.4	0
108	Generation of gabaergic neurons from mouse embryonic stem cells by combination of high-retinoid acid and extracellular matrix. Cell Biology International, 2008, 32, S23-S23.	1.4	0

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109	Upregulation of ID2 Antagonizes Arsenic Trioxide-induced Antitumor Effects in Cancer Cells. Tumori, 2014, 100, 352-357.	0.6	0
110	Establishment of mouse androgenetic embryonic stem cells by double sperm injection and differentiation into beating embryoid body. Zygote, 2019, 27, 405-412.	0.5	0
111	From rockâ€boring organisms to tunnel boring machines: A new rock breaking technology by bioinspiration. Biosurface and Biotribology, 2021, 7, 233-238.	0.6	0
112	Restoration of enamel anti-wear properties via remineralization: Role of occlusal loading. Friction, 0, , 1.	3.4	0
113	Heterogeneous hardening of enamel surface by occlusal loading: Effect of nanofiber orientation. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 130, 105221.	1.5	0