

Lei Lei

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/178287/publications.pdf>

Version: 2024-02-01

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	Influence of two polyphenols on the structure and lubrication of salivary pellicle: An in vitro study on astringency mechanism. <i>Friction</i> , 2022, 10, 167-178.	3.4	8
2	Biomarkers related to immune checkpoint inhibitors therapy. <i>Biomedicine and Pharmacotherapy</i> , 2022, 147, 112470.	2.5	14
3	Development and Validation of a Necroptosis-Related Prognostic Model in Head and Neck Squamous Cell Carcinoma. <i>Journal of Oncology</i> , 2022, 2022, 1-15.	0.6	3
4	Structure and function of glycosphingolipids on small extracellular vesicles. <i>Glycoconjugate Journal</i> , 2022, 39, 197-205.	1.4	6
5	Heterogeneous hardening of enamel surface by occlusal loading: Effect of nanofiber orientation. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 130, 105221.	1.5	0
6	Adverse and unconventional reactions related to immune checkpoint inhibitor therapy for cancer. <i>International Immunopharmacology</i> , 2022, 108, 108803.	1.7	5
7	C8orf48 inhibits the tumorigenesis of colorectal cancer by regulating the MAPK signaling pathway. <i>Life Sciences</i> , 2021, 266, 118872.	2.0	5
8	Parental $PM_{2.5}$ exposure changes Th17/Treg cells in offspring, is associated with the elevation of blood pressure. <i>Environmental Toxicology</i> , 2021, 36, 1152-1161.	2.1	8
9	Identification of Candidate Genes Conferring Cold Tolerance to Rice (<i>Oryza sativa</i> L.) at the Bud-Bursting Stage Using Bulk Segregant Analysis Sequencing and Linkage Mapping. <i>Frontiers in Plant Science</i> , 2021, 12, 647239.	1.7	18
10	Jointed Synchronous Photocatalytic Oxidation and Chromate Reduction Enabled by the Defect Distribution upon $BiVO_4$: Mechanism Insight and Toxicity Assessment. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 17586-17598.	4.0	39
11	The miR-106b/NR2F2-AS1/PLEKHO2 Axis Regulates Migration and Invasion of Colorectal Cancer through the MAPK Pathway. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5877.	1.8	4
12	Combining QTL-seq and linkage mapping to fine map a candidate gene in qCTS6 for cold tolerance at the seedling stage in rice. <i>BMC Plant Biology</i> , 2021, 21, 278.	1.6	18
13	Combined gene family characterization and RNA-Seq to study the response of β -ketoacyl-CoA synthase to abiotic stress in rice (<i>Oryza sativa</i> L.). <i>Plant Growth Regulation</i> , 2021, 95, 97-110.	1.8	1
14	Brain organoid: a 3D technology for investigating cellular composition and interactions in human neurological development and disease models in vitro. <i>Stem Cell Research and Therapy</i> , 2021, 12, 430.	2.4	22
15	Functional study of distinct domains of Dux in improving mouse SCNT embryonic development. <i>Biology of Reproduction</i> , 2021, 105, 1089-1103.	1.2	4
16	Mapping of a major QTL for salinity tolerance at the bud burst stage in rice (<i>Oryza sativa</i> L.) using a high-density genetic map. <i>Euphytica</i> , 2021, 217, 1.	0.6	6
17	Ambient PM2.5-induced brain injury is associated with the activation of PI3K/AKT/FoxO1 pathway. <i>Environmental Science and Pollution Research</i> , 2021, , 1.	2.7	11
18	Stabilization of lead in polluted sediment based on an eco-friendly amendment strategy: Microenvironment response mechanism. <i>Journal of Hazardous Materials</i> , 2021, 415, 125534.	6.5	23

#	ARTICLE	IF	CITATIONS
19	The Response of Grain Yield and Root Morphological and Physiological Traits to Nitrogen Levels in Paddy Rice. <i>Frontiers in Plant Science</i> , 2021, 12, 713814.	1.7	10
20	From rock boring organisms to tunnel boring machines: A new rock breaking technology by bioinspiration. <i>Biosurface and Biotribology</i> , 2021, 7, 233-238.	0.6	0
21	Boron nitride quantum dots decorated MIL-100(Fe) for boosting the photo-generated charge separation in photocatalytic refractory antibiotics removal. <i>Environmental Research</i> , 2021, 202, 111661.	3.7	21
22	Hierarchical urchin-like amorphous carbon with Co-adding anchored on nickel foam: A free-standing electrode for advanced asymmetrical supercapacitors and adsorbed Pb (II). <i>Journal of Colloid and Interface Science</i> , 2021, 603, 58-69.	5.0	9
23	Oxygen vacancy-rich doped CDs@graphite felt-600 heterostructures for high-performance supercapacitor electrodes. <i>Nanoscale</i> , 2021, 13, 4995-5005.	2.8	15
24	Polyoxometalate@Metal-Organic Framework Composites as Effective Photocatalysts. <i>ACS Catalysis</i> , 2021, 11, 13374-13396.	5.5	121
25	NLRP3 inflammasome is involved in ambient PM _{2.5} -related metabolic disorders in diabetic model mice but not in wild-type mice. <i>Inhalation Toxicology</i> , 2021, 33, 260-267.	0.8	11
26	Whole-genome mining of abiotic stress gene loci in rice. <i>Planta</i> , 2020, 252, 85.	1.6	7
27	Enhanced UV Resistance Role of Death Domain-Associated Protein in Human MDA-MB-231 Breast Cancer Cells by Regulation of G2 DNA Damage Checkpoint. <i>Cell Transplantation</i> , 2020, 29, 096368972092027.	1.2	3
28	Surface Hardening Behavior of Enamel by Masticatory Loading: Occurrence Mechanism and Antiwear Effect. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 4454-4461.	2.6	7
29	Identification of a Major QTL and Candidate Gene Analysis of Salt Tolerance at the Bud Burst Stage in Rice (<i>Oryza sativa</i> L.) Using QTL-Seq and RNA-Seq. <i>Rice</i> , 2020, 13, 55.	1.7	68
30	Tumorigenic and Immunogenic Properties of Induced Pluripotent Stem Cells: a Promising Cancer Vaccine. <i>Stem Cell Reviews and Reports</i> , 2020, 16, 1049-1061.	1.7	25
31	Identification of the 3-lncRNA Signature as a Prognostic Biomarker for Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9359.	1.8	47
32	Wear mechanism of human tooth enamel: The role of interfacial protein bonding between HA crystals. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 110, 103845.	1.5	14
33	Construction of a metastasis-associated ceRNA network reveals a prognostic signature in lung cancer. <i>Cancer Cell International</i> , 2020, 20, 208.	1.8	24
34	The Effects of <i>Daxx</i> Knockout on Pluripotency and Differentiation of Mouse Induced Pluripotent Stem Cells. <i>Cellular Reprogramming</i> , 2020, 22, 90-98.	0.5	3
35	The expression and immunoregulation of immune checkpoint molecule VISTA in autoimmune diseases and cancers. <i>Cytokine and Growth Factor Reviews</i> , 2020, 52, 1-14.	3.2	18
36	Histone demethylase KDM6A promotes somatic cell reprogramming by epigenetically regulating the PTEN and IL-6 signal pathways. <i>Stem Cells</i> , 2020, 38, 960-972.	1.4	17

#	ARTICLE	IF	CITATIONS
37	Comprehensive analysis of the SLC16A gene family in pancreatic cancer via integrated bioinformatics. <i>Scientific Reports</i> , 2020, 10, 7315.	1.6	37
38	Transient inhibition of rDNA transcription in donor cells improves ribosome biogenesis and preimplantation development of embryos derived from somatic cell nuclear transfer. <i>FASEB Journal</i> , 2020, 34, 8283-8295.	0.2	5
39	How does the microenvironment change during the stabilization of cadmium in exogenous remediation sediment?. <i>Journal of Hazardous Materials</i> , 2020, 398, 122836.	6.5	21
40	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. <i>Rice</i> , 2020, 13, 48.	1.7	36
41	Ratio of the zygote cytoplasm to the paternal genome affects the reprogramming and developmental efficiency of androgenetic embryos. <i>Molecular Reproduction and Development</i> , 2020, 87, 493-502.	1.0	2
42	Effect of remineralisation on the mechanical properties and tribological behaviour of human tooth dentine. <i>Biosurface and Biotribology</i> , 2020, 6, 92-95.	0.6	1
43	Chloro-phosphate impregnated biochar prepared by co-precipitation for the lead, cadmium and copper synergic scavenging from aqueous solution. <i>Bioresource Technology</i> , 2019, 293, 122102.	4.8	50
44	Establishment of mouse androgenetic embryonic stem cells by double sperm injection and differentiation into beating embryoid body. <i>Zygote</i> , 2019, 27, 405-412.	0.5	0
45	Alteration of the tumor suppressor SARDH in sporadic colorectal cancer: A functional and transcriptome profiling-based study. <i>Molecular Carcinogenesis</i> , 2019, 58, 957-966.	1.3	10
46	MicroRNA-3607 inhibits the tumorigenesis of colorectal cancer by targeting DDI2 and regulating the DNA damage repair pathway. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2019, 24, 662-672.	2.2	14
47	Design, Synthesis, and Biological Evaluation of Novel Nitrogen Heterocycle-Containing Ursolic Acid Analogs as Antitumor Agents. <i>Molecules</i> , 2019, 24, 877.	1.7	14
48	Research of the role of microstructure in the wear mechanism of canine and bovine enamel. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 92, 33-39.	1.5	14
49	Iron Homeostasis Determines Fate of Human Pluripotent Stem Cells Via Glycerophospholipids-Epigenetic Circuit. <i>Stem Cells</i> , 2019, 37, 489-503.	1.4	24
50	Discovery, synthesis of novel fusidic acid derivatives possessed amino-terminal groups at the 3-hydroxyl position with anticancer activity. <i>European Journal of Medicinal Chemistry</i> , 2019, 162, 122-131.	2.6	23
51	H6, a novel hederagenin derivative, reverses multidrug resistance in vitro and in vivo. <i>Toxicology and Applied Pharmacology</i> , 2018, 341, 98-105.	1.3	82
52	A Series of Enthalpically Optimized Docetaxel Analogues Exhibiting Enhanced Antitumor Activity and Water Solubility. <i>Journal of Natural Products</i> , 2018, 81, 524-533.	1.5	39
53	Kdm6a overexpression improves the development of cloned mouse embryos. <i>Zygote</i> , 2018, 26, 24-32.	0.5	17
54	Rapamycin and FTY720 Alleviate Atherosclerosis by Cross Talk of Macrophage Polarization and Autophagy. <i>BioMed Research International</i> , 2018, 2018, 1-9.	0.9	15

#	ARTICLE	IF	CITATIONS
55	High Vimentin Expression Predicts a Poor Prognosis and Progression in Colorectal Cancer: A Study with Meta-Analysis and TCGA Database. <i>BioMed Research International</i> , 2018, 2018, 1-14.	0.9	44
56	The Interaction of Smoking with Gene Polymorphisms on Four Digestive Cancers: A Systematic Review and Meta-Analysis. <i>Journal of Cancer</i> , 2018, 9, 1506-1517.	1.2	8
57	Embryonic germ cell extracts erase imprinted genes and improve the efficiency of induced pluripotent stem cells. <i>Scientific Reports</i> , 2018, 8, 10955.	1.6	5
58	Autophagy is required for proper meiosis of porcine oocytes maturing in vitro. <i>Scientific Reports</i> , 2018, 8, 12581.	1.6	30
59	Blocking Nox2 improves mesenchymal stem cells therapy in myocardial infarction via antagonizing oxidant and promoting survival. <i>Journal of Cellular Physiology</i> , 2018, 233, 7004-7015.	2.0	10
60	Histone variant H3.3 and its functions in reprogramming. <i>Yi Chuan = Hereditas / Zhongguo Yi Chuan Xue Hui Bian Ji</i> , 2018, 40, 186-196.	0.1	1
61	CDX2 is essential for cell proliferation and polarity in porcine blastocysts. <i>Development (Cambridge)</i> , 2017, 144, 1296-1306.	1.2	48
62	Rescue of retinal morphology and function in a humanized mouse at the mouse retinol-binding protein locus. <i>Laboratory Investigation</i> , 2017, 97, 395-408.	1.7	9
63	Aquaporin-3 deletion in mice results in renal collecting duct abnormalities and worsens ischemia-reperfusion injury. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 1231-1241.	1.8	21
64	Design, synthesis and biological evaluation of novel $\hat{\pm}$ -hederagenin derivatives with anticancer activity. <i>European Journal of Medicinal Chemistry</i> , 2017, 141, 427-439.	2.6	19
65	iTRAQ-based quantitative proteomic analysis of Yamanaka factors reprogrammed breast cancer cells. <i>Oncotarget</i> , 2017, 8, 34330-34339.	0.8	7
66	RNAi-mediated knockdown of <i>Parp1</i> does not improve the development of female cloned mouse embryos. <i>Oncotarget</i> , 2017, 8, 69863-69873.	0.8	2
67	Exendin-4 enhances expression of Neurod1 and Glut2 in insulin-producing cells derived from mouse embryonic stem cells. <i>Archives of Medical Science</i> , 2016, 1, 199-207.	0.4	11
68	Embryos aggregation improves development and imprinting gene expression in mouse parthenogenesis. <i>Development Growth and Differentiation</i> , 2016, 58, 270-279.	0.6	5
69	miRNA-223 inhibits epithelial-mesenchymal transition in gastric carcinoma cells via Sp1. <i>International Journal of Oncology</i> , 2016, 49, 325-335.	1.4	32
70	A novel long intergenic noncoding <i>scp</i> RNA indispensable for the cleavage of mouse two-cell embryos. <i>EMBO Reports</i> , 2016, 17, 1452-1470.	2.0	55
71	Serum starvation-induced cell cycle synchronization stimulated mouse rDNA transcription reactivation during somatic cell reprogramming into iPSCs. <i>Stem Cell Research and Therapy</i> , 2016, 7, 112.	2.4	12
72	Induction of autophagy improves embryo viability in cloned mouse embryos. <i>Scientific Reports</i> , 2016, 5, 17829.	1.6	26

#	ARTICLE	IF	CITATIONS
73	Methyl-CpG Binding Protein 2 Improves the Development of Mouse Somatic Cell Nuclear Transfer Embryos. <i>Cellular Reprogramming</i> , 2016, 18, 78-86.	0.5	7
74	A multifunctional resealable perfusion chip for cell culture and tissue engineering. <i>RSC Advances</i> , 2016, 6, 27183-27190.	1.7	5
75	Immobilized polyazomethines containing triphenylamine groups on ITO: synthesis and acidochromic, electrochemical, electrochromic and photoelectronic properties. <i>RSC Advances</i> , 2016, 6, 4564-4575.	1.7	33
76	Flavan-3-ols consumption and cancer risk: a meta-analysis of epidemiologic studies. <i>Oncotarget</i> , 2016, 7, 73573-73592.	0.8	35
77	<i>ANXA1</i> Silencing Increases the Sensitivity of Cancer Cells to Low-concentration Arsenic Trioxide Treatment by Inhibiting ERK MAPK Activation. <i>Tumori</i> , 2015, 101, 360-367.	0.6	12
78	Abnormal dynamic changes in β -tubulin in somatic nuclear transfer cloned mouse embryos. <i>Zygote</i> , 2015, 23, 76-82.	0.5	11
79	AC Electrothermal Circulatory Pumping Chip for Cell Culture. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 26792-26801.	4.0	52
80	Polyurethanes prepared from isocyanates containing triphenylamine derivatives: synthesis and optical, electrochemical, electrochromic and memory properties. <i>RSC Advances</i> , 2015, 5, 58843-58853.	1.7	17
81	Aquaporin-1 retards renal cyst development in polycystic kidney disease by inhibition of Wnt signaling. <i>FASEB Journal</i> , 2015, 29, 1551-1563.	0.2	66
82	Morphological changes and germ layer formation in the porcine embryos from days 7-13 of development. <i>Zygote</i> , 2015, 23, 266-276.	0.5	12
83	Selection and Expression Profiles of Reference Genes in Mouse Preimplantation Embryos of Different Ploidies at Various Developmental Stages. <i>PLoS ONE</i> , 2014, 9, e98956.	1.1	15
84	Upregulation of ID2 Antagonizes Arsenic Trioxide-induced Antitumor Effects in Cancer Cells. <i>Tumori</i> , 2014, 100, 352-357.	0.6	0
85	Laparoscopic left hepatectomy in swine: a safe and feasible technique. <i>Journal of Veterinary Science</i> , 2014, 15, 417.	0.5	11
86	Generation of neural progenitors from induced Bama miniature pig pluripotent cells. <i>Reproduction</i> , 2014, 147, 65-72.	1.1	21
87	Comparison of Reprogramming Genes in Induced Pluripotent Stem Cells and Nuclear Transfer Cloned Embryos. <i>Stem Cell Reviews and Reports</i> , 2014, 10, 548-560.	5.6	4
88	Effects of dimethyl sulfoxide on asymmetric division and cytokinesis in mouse oocytes. <i>BMC Developmental Biology</i> , 2014, 14, 28.	2.1	12
89	Lack of association between the G+2044A polymorphism of interleukin-13 gene and chronic obstructive pulmonary disease: a meta-analysis. <i>Molecular Biology Reports</i> , 2014, 41, 6297-6303.	1.0	3
90	Continuous Passages Accelerate the Reprogramming of Mouse Induced Pluripotent Stem Cells. <i>Cellular Reprogramming</i> , 2014, 16, 77-83.	0.5	8

#	ARTICLE	IF	CITATIONS
91	Upregulation of ID2 antagonizes arsenic trioxide-induced antitumor effects in cancer cells. <i>Tumori</i> , 2014, 100, 352-7.	0.6	1
92	Association between the interleukin-4, interleukin-13 polymorphisms and asthma: a meta-analysis. <i>Molecular Biology Reports</i> , 2013, 40, 1365-1376.	1.0	12
93	Prevention of β -amyloid induced toxicity in human iPS cell-derived neurons by inhibition of Cyclin-dependent kinases and associated cell cycle events. <i>Stem Cell Research</i> , 2013, 10, 213-227.	0.3	109
94	The Ability of Transplanted Bone Marrow-Derived Cells to Differentiate into Parenchymal Cells of Salivary Glands. <i>Journal of Hard Tissue Biology</i> , 2013, 22, 433-438.	0.2	4
95	Cytochalasin B treatment of mouse oocytes during intracytoplasmic sperm injection (ICSI) increases embryo survival without impairment of development. <i>Zygote</i> , 2012, 20, 361-369.	0.5	11
96	rRNA Genes Are Not Fully Activated in Mouse Somatic Cell Nuclear Transfer Embryos. <i>Journal of Biological Chemistry</i> , 2012, 287, 19949-19960.	1.6	23
97	Aggregation of pre-implantation embryos improves establishment of parthenogenetic stem cells and expression of imprinted genes. <i>Development Growth and Differentiation</i> , 2012, 54, 481-488.	0.6	13
98	Generation of Dorsal Spinal Cord GABAergic Neurons from Mouse Embryonic Stem Cells. <i>Cellular Reprogramming</i> , 2011, 13, 85-91.	0.5	10
99	ApoER2 and VLDLR in the developing human telencephalon. <i>European Journal of Paediatric Neurology</i> , 2011, 15, 361-367.	0.7	6
100	Icariin induces mouse embryonic stem cell differentiation into beating functional cardiomyocytes. <i>Molecular and Cellular Biochemistry</i> , 2011, 349, 117-123.	1.4	23
101	Number of blastomeres and distribution of microvilli in cloned mouse embryos during compaction. <i>Zygote</i> , 2011, 19, 271-276.	0.5	3
102	Arsenic trioxide promotes senescence and regulates the balance of adipogenic and osteogenic differentiation in human mesenchymal stem cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2011, 43, 204-209.	0.9	34
103	RA induces the neural-like cells generated from epigenetic modified NIH/3T3 cells. <i>Molecular Biology Reports</i> , 2010, 37, 1197-1202.	1.0	16
104	Developmental pattern of hexaploid mouse embryos produced by blastomere fusion of diploid and tetraploid embryos at the 2-cell stage. <i>Zygote</i> , 2009, 17, 125-130.	0.5	2
105	ES Cell Extract-Induced Expression of Pluripotent Factors in Somatic Cells. <i>Anatomical Record</i> , 2009, 292, 1229-1234.	0.8	22
106	Synthesis of New BAPTA Calcium Chelators. <i>Synthetic Communications</i> , 2009, 39, 2074-2081.	1.1	3
107	MSCs guide neurite directional extension and promote oligodendrogenesis in NSCs. <i>Biochemical and Biophysical Research Communications</i> , 2009, 384, 372-377.	1.0	32
108	pCREB is Involved in Neural Induction of Mouse Embryonic Stem Cells by RA. <i>Anatomical Record</i> , 2008, 291, 519-526.	0.8	24

#	ARTICLE	IF	CITATIONS
109	PCREB is involved in neural induction of mouse embryonic stem cells by retinoid acid. Cell Biology International, 2008, 32, S23-S23.	1.4	0
110	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
111	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
112	Rotation of Meiotic Spindle Is Controlled by Microfilaments in Mouse Oocytes1. Biology of Reproduction, 2003, 68, 943-946.	1.2	86
113	Restoration of enamel anti-wear properties via remineralization: Role of occlusal loading. Friction, 0, 1.	3.4	0