

Jing Du

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

2,379
citations

279778

23
h-index

223791

46
g-index

81
all docs

81
docs citations

81
times ranked

4369
citing authors

#	ARTICLE	IF	CITATIONS
1	Posterior corneal elevation changes and characteristic analysis 1 year after corneal collagen cross-linking for keratoconus. <i>International Ophthalmology</i> , 2022, 42, 1457-1468.	1.4	1
2	Self-Organization of Tissue Growth by Interfacial Mechanical Interactions in Multilayered Systems. <i>Advanced Science</i> , 2022, 9, e2104301.	11.2	3
3	Bag-1 mediates glucocorticoid receptor trafficking to mitochondria after corticosterone stimulation: Potential role in regulating affective resilience. <i>Journal of Neurochemistry</i> , 2021, 158, 358-372.	3.9	9
4	Ganoderic Acid A Attenuates LPS-Induced Neuroinflammation in BV2 Microglia by Activating Farnesoid X Receptor. <i>Neurochemical Research</i> , 2021, 46, 1725-1736.	3.3	19
5	Ganoderic acid A exerted antidepressant-like action through FXR modulated NLRP3 inflammasome and synaptic activity. <i>Biochemical Pharmacology</i> , 2021, 188, 114561.	4.4	22
6	Extracellular Matrix Stiffness Regulates DNA Methylation by PKC δ -Dependent Nuclear Transport of DNMT3L. <i>Advanced Healthcare Materials</i> , 2021, 10, 2100821.	7.6	11
7	<i>Ganoderma lucidum</i> polysaccharides ameliorated depression-like behaviors in the chronic social defeat stress depression model via modulation of Dectin-1 and the innate immune system. <i>Brain Research Bulletin</i> , 2021, 171, 16-24.	3.0	26
8	Magical oxygen: Tuning Cu&Ag nanoporous membrane into nanoporous (Cu&Ag)@Ag core-shell alloy. <i>Physica B: Condensed Matter</i> , 2021, 614, 413011.	2.7	4
9	Soft substrate and decreased cytoskeleton contractility promote coupling and morphology maintenance of pluripotent stem cells. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2021, 37, 1520-1529.	3.4	1
10	2020 update on human coronaviruses: One health, one world. <i>Medicine in Novel Technology and Devices</i> , 2020, 8, 100043.	1.6	21
11	Hollow Bimetallic Complex Nanoparticles for Trimodality Imaging and Photodynamic Therapy In Vivo. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 37470-37476.	8.0	14
12	Targeted gold nanoshelled hybrid nanocapsules encapsulating doxorubicin for bimodal imaging and near-infrared triggered synergistic therapy of Her2-positive breast cancer. <i>Journal of Biomaterials Applications</i> , 2020, 35, 430-445.	2.4	11
13	Oridonin is an antidepressant molecule working through the PPAR- δ /AMPA receptor signaling pathway. <i>Biochemical Pharmacology</i> , 2020, 180, 114136.	4.4	12
14	The Authors' Reply: Comment on: BRAF mutation analysis by ARMS-PCR refines thyroid nodule management. <i>Clinical Endocrinology</i> , 2020, 92, 483-485.	2.4	0
15	&Her2-Targeted Multifunctional Nano-Theranostic Platform Mediates Tumor Microenvironment Remodeling and Immune Activation for Breast Cancer Treatment&. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 10007-10028.	6.7	28
16	Classification of Subcortical Vascular Cognitive Impairment Using Single MRI Sequence and Deep Learning Convolutional Neural Networks. <i>Frontiers in Neuroscience</i> , 2019, 13, 627.	2.8	12
17	Cordycepin (3-deoxyadenosine) promotes remyelination via suppression of neuroinflammation in a cuprizone-induced mouse model of demyelination. <i>International Immunopharmacology</i> , 2019, 75, 105777.	3.8	17
18	Compression Generated by a 3D Supracellular Actomyosin Cortex Promotes Embryonic Stem Cell Colony Growth and Expression of Nanog and Oct4. <i>Cell Systems</i> , 2019, 9, 214-220.e5.	6.2	20

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19	Activation of AMPK promotes thyroid cancer cell migration through its interaction with PKM2 and β -catenin. <i>Life Sciences</i> , 2019, 239, 116877.	4.3	9
20	<i>BRAF</i> mutation analysis by ARMS-PCR refines thyroid nodule management. <i>Clinical Endocrinology</i> , 2019, 91, 834-841.	2.4	20
21	Comparisons and Combined Application of Two-Dimensional and Three-Dimensional Real-time Shear Wave Elastography in Diagnosis of Thyroid Nodules. <i>Journal of Cancer</i> , 2019, 10, 1975-1984.	2.5	14
22	Characterizing the Penumbra of White Matter Hyperintensities and Their Associations With Cognitive Function in Patients With Subcortical Vascular Mild Cognitive Impairment. <i>Frontiers in Neurology</i> , 2019, 10, 348.	2.4	26
23	Structural brain network measures are superior to vascular burden scores in predicting early cognitive impairment in post stroke patients with small vessel disease. <i>NeuroImage: Clinical</i> , 2019, 22, 101712.	2.7	39
24	Her2-Functionalized Gold-Nanoshelled Magnetic Hybrid Nanoparticles: a Theranostic Agent for Dual-Modal Imaging and Photothermal Therapy of Breast Cancer. <i>Nanoscale Research Letters</i> , 2019, 14, 235.	5.7	45
25	A Maitake (<i>Grifola frondosa</i>) polysaccharide ameliorates Alzheimer's disease-like pathology and cognitive impairments by enhancing microglial amyloid- β clearance. <i>RSC Advances</i> , 2019, 9, 37127-37135.	3.6	25
26	A Polysaccharide Extract from Maitake Culinary-Medicinal Mushroom, <i>Grifola frondosa</i> (Agaricomycetes) Ameliorates Learning and Memory Function in Aluminum Chloride-Induced Amnesia in Mice. <i>International Journal of Medicinal Mushrooms</i> , 2019, 21, 1065-1074.	1.5	7
27	Contrasting effects of acute and long-term corticosterone treatment on amyloid- β , beta-secretase 1 expression, and nuclear factor kappa B nuclear translocation. <i>Journal of Integrative Neuroscience</i> , 2019, 18, 393.	1.7	2
28	Au-poly(lactic-co-glycolic) acid complex nanoparticles as ultrasound contrast agents: Preparation, characterization and <i>in vitro</i> study. <i>Molecular Medicine Reports</i> , 2018, 17, 3763-3768.	2.4	6
29	Preparation and Imaging Investigation of Dual-targeted C3F8-filled PLGA Nanobubbles as a Novel Ultrasound Contrast Agent for Breast Cancer. <i>Scientific Reports</i> , 2018, 8, 3887.	3.3	35
30	Preliminary Results of Acoustic Radiation Force Impulse Imaging by Combined Qualitative and Quantitative Analyses for Evaluation of Breast Lesions. <i>Journal of Ultrasound in Medicine</i> , 2018, 37, 2405-2412.	1.7	7
31	Salmonella osteomyelitis in a previously healthy neonate: a case report and review of the literature. <i>Italian Journal of Pediatrics</i> , 2018, 44, 28.	2.6	7
32	Effects of mechanical stretch on the functions of BK and L-type Ca ²⁺ channels in vascular smooth muscle cells. <i>Journal of Biomechanics</i> , 2018, 67, 18-23.	2.1	11
33	Contrast-enhanced ultrasonography for assessment of tubular atrophy/interstitial fibrosis in immunoglobulin A nephropathy: a preliminary clinical study. <i>Abdominal Radiology</i> , 2018, 43, 1423-1431.	2.1	4
34	Ultrasound molecular imaging of breast cancer in MCF-7 orthotopic mice using gold nanoshelled poly(lactic-co-glycolic acid) nanocapsules: a novel dual-targeted ultrasound contrast agent. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 1791-1807.	6.7	17
35	Assessment of the use of contrast enhanced ultrasound in guiding microdissection testicular sperm extraction in nonobstructive azoospermia. <i>BMC Urology</i> , 2018, 18, 48.	1.4	9
36	The utility and limitations of contrast-enhanced transrectal ultrasound scanning for the detection of prostate cancer in different area of prostate. <i>Clinical Hemorheology and Microcirculation</i> , 2018, 70, 281-290.	1.7	2

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37	Synthesis, characterization, and <i>in vitro</i> evaluation of targeted gold nanoshelled poly(<i>d,l</i> -lactide-co-glycolide) nanoparticles carrying anti p53 antibody as a theranostic agent for ultrasound contrast imaging and photothermal therapy. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017, 28, 415-430.	3.5	23
38	PEGylated graphene oxide elicits strong immunological responses despite surface passivation. <i>Nature Communications</i> , 2017, 8, 14537.	12.8	157
39	A Role of BK Channel in Regulation of Ca ²⁺ Channel in Ventricular Myocytes by Substrate Stiffness. <i>Biophysical Journal</i> , 2017, 112, 1406-1416.	0.5	12
40	A Dynamic Biochemomechanical Model of Geometry-Confined Cell Spreading. <i>Biophysical Journal</i> , 2017, 112, 2377-2386.	0.5	14
41	<i>Grifflola frondosa</i> (GF) produces significant antidepressant effects involving AMPA receptor activation in mice. <i>Pharmaceutical Biology</i> , 2017, 55, 299-305.	2.9	2
42	One-pot preparation of nanoporous Ag-Cu@Ag core-shell alloy with enhanced oxidative stability and robust antibacterial activity. <i>Scientific Reports</i> , 2017, 7, 10249.	3.3	29
43	Enhanced delivery of biodegradable mPEG-PLGA-PLL nanoparticles loading Cy3-labelled PDGF-BB siRNA by UTMD to rat retina. <i>Journal of Biosciences</i> , 2017, 42, 299-309.	1.1	14
44	Lentian produces a robust antidepressant-like effect via enhancing the prefrontal Dectin-1/AMPA receptor signaling pathway. <i>Behavioural Brain Research</i> , 2017, 317, 263-271.	2.2	24
45	The Role of Nutrients in Protecting Mitochondrial Function and Neurotransmitter Signaling: Implications for the Treatment of Depression, PTSD, and Suicidal Behaviors. <i>Critical Reviews in Food Science and Nutrition</i> , 2016, 56, 2560-2578.	10.3	78
46	β^2 Metabolism and the Role of APOE in Alzheimer's Disease. , 2016, 06, .		1
47	Classification of Benign and Malignant Thyroid Nodules Using a Combined Clinical Information and Gene Expression Signatures. <i>PLoS ONE</i> , 2016, 11, e0164570.	2.5	11
48	Extracellular matrix stiffness dictates Wnt expression through integrin pathway. <i>Scientific Reports</i> , 2016, 6, 20395.	3.3	155
49	Preparation of pH-responsive hollow poly(MAA-co-EGDMA) nanocapsules for drug delivery and ultrasound imaging. <i>RSC Advances</i> , 2016, 6, 103754-103762.	3.6	9
50	Overexpression of miR-30a in lung adenocarcinoma A549 cell line inhibits migration and invasion via targeting <i>EYA2</i> . <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 48, 220-228.	2.0	30
51	$3'$ -Deoxyadenosine (Cordycepin) Produces a Rapid and Robust Antidepressant Effect via Enhancing Prefrontal AMPA Receptor Signaling Pathway. <i>International Journal of Neuropsychopharmacology</i> , 2016, 19, pyv112.	2.1	22
52	Preoperative Diagnosis of Papillary Thyroid Cancer and Lymph Node Metastasis Risk Evaluation Using Clinical Information-Based Bioinformatics Models. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016, 13, 8383-8391.	0.4	0
53	Synthesis, characterization and <i>in vitro</i> and <i>in vivo</i> investigation of C3F8-filled poly(lactic-co-glycolic) Tj ETQq1 1 0.784314 rgBT /Over	2.4	20
54	Risk given by <i>AGT</i> polymorphisms in inducing susceptibility to essential hypertension among isolated populations from a remote region of China: A case-control study among the isolated populations. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015, 16, 1202-1217.	1.7	4

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55	Lifect and Utr230 induce distinct actin assemblies in cell nuclei. <i>Cytoskeleton</i> , 2015, 72, 570-575.	2.0	20
56	Novel Cu–Ag bimetallic porous nanomembrane prepared from a multi-component metallic glass. <i>RSC Advances</i> , 2015, 5, 50565-50571.	3.6	12
57	Differential Diagnosis of Polypoid Lesions of the Gallbladder Using Contrast-Enhanced Sonography. <i>Journal of Ultrasound in Medicine</i> , 2015, 34, 1061-1069.	1.7	20
58	Radiofrequency Ablation for Hepatocellular Carcinoma: Utility of Conventional Ultrasound and Contrast-Enhanced Ultrasound in Guiding and Assessing Early Therapeutic Response and Short-Term Follow-Up Results. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 2400-2411.	1.5	32
59	Binding of integrin $\alpha 1$ to bone morphogenetic protein receptor IA suggests a novel role of integrin $\alpha 1$ in bone morphogenetic protein 2 signalling. <i>Journal of Biomechanics</i> , 2015, 48, 3950-3954.	2.1	9
60	Integrin activation and internalization mediated by extracellular matrix elasticity: A biomechanical model. <i>Journal of Biomechanics</i> , 2014, 47, 1479-1484.	2.1	31
61	Paramagnetic hollow silica nanospheres for in vivo targeted ultrasound and magnetic resonance imaging. <i>Biomaterials</i> , 2014, 35, 5381-5392.	11.4	71
62	Prostate stem cell antigen antibody-conjugated multiwalled carbon nanotubes for targeted ultrasound imaging and drug delivery. <i>Biomaterials</i> , 2014, 35, 5369-5380.	11.4	162
63	A rapid in situ immobilization of d-amino acid oxidase based on immobilized metal affinity chromatography. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 857-864.	3.4	6
64	Trehalose rescues Alzheimer's disease phenotypes in APP/PS1 transgenic mice. <i>Journal of Pharmacy and Pharmacology</i> , 2013, 65, 1753-1756.	2.4	112
65	Influence of Serum Prostate-Specific Antigen (PSA) Level, Prostate Volume, and PSA Density on Prostate Cancer Detection With Contrast-Enhanced Sonography Using Contrast-Tuned Imaging Technology. <i>Journal of Ultrasound in Medicine</i> , 2013, 32, 741-748.	1.7	5
66	Differentiating benign from malignant solid breast lesions: Combined utility of conventional ultrasound and contrast-enhanced ultrasound in comparison with magnetic resonance imaging. <i>European Journal of Radiology</i> , 2012, 81, 3890-3899.	2.6	67
67	Biocompatible hollow silica microspheres as novel ultrasound contrast agents for in vivo imaging. <i>Journal of Materials Chemistry</i> , 2011, 21, 6576.	6.7	76
68	Integrin activation and internalization on soft ECM as a mechanism of induction of stem cell differentiation by ECM elasticity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 9466-9471.	7.1	302
69	Differential Diagnosis of Azoospermia and Etiologic Classification of Obstructive Azoospermia: Role of Scrotal and Transrectal US. <i>Radiology</i> , 2010, 256, 493-503.	7.3	42
70	PPAR $\gamma 3$ transcriptionally regulates the expression of insulin-degrading enzyme in primary neurons. <i>Biochemical and Biophysical Research Communications</i> , 2009, 383, 485-490.	2.1	61
71	Antagonist of peroxisome proliferator-activated receptor $\gamma 3$ induces cerebellar amyloid- $\beta 2$ levels and motor dysfunction in APP/PS1 transgenic mice. <i>Biochemical and Biophysical Research Communications</i> , 2009, 384, 357-361.	2.1	19
72	Therapeutic potential of lipase inhibitor orlistat in Alzheimer's disease. <i>Medical Hypotheses</i> , 2009, 73, 662-663.	1.5	14

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73	ApoE 4 reduces the expression of A β 2 degrading enzyme IDE by activating the NMDA receptor in hippocampal neurons. <i>Neuroscience Letters</i> , 2009, 464, 140-145.	2.1	27
74	Expression of TRPM8 in the distal cerebrospinal fluid-contacting neurons in the brain mesencephalon of rats. <i>Cerebrospinal Fluid Research</i> , 2009, 6, 3.	0.5	23
75	Metabolites of Cerebellar Neurons and Hippocampal Neurons Play Opposite Roles in Pathogenesis of Alzheimer's Disease. <i>PLoS ONE</i> , 2009, 4, e5530.	2.5	14
76	Correlation of Real-time Gray Scale Contrast-Enhanced Ultrasonography With Microvessel Density and Vascular Endothelial Growth Factor Expression for Assessment of Angiogenesis in Breast Lesions. <i>Journal of Ultrasound in Medicine</i> , 2008, 27, 821-831.	1.7	54
77	Microvascular Architecture of Breast Lesions. <i>Journal of Ultrasound in Medicine</i> , 2008, 27, 833-842.	1.7	78
78	Is it important to measure the internal spermatic vein diameter after varicocelectomy? A self-controlled trial. <i>Andrologia</i> , 0, , .	2.1	0