

Yu-Lin Deng

List of Publications by Citations

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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.

81

papers

988

citations

19

h-index

27

g-index

98

ext. papers

1,327

ext. citations

4.9

avg, IF

4.54

L-index

#	Paper	IF	Citations
81	Luteolin-loaded solid lipid nanoparticles synthesis, characterization, & improvement of bioavailability, pharmacokinetics in vitro and vivo studies. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	52
80	Determination of the (R)- and (S)-enantiomers of salsolinol and N-methylsalsolinol by use of a chiral high-performance liquid chromatographic column. <i>Biomedical Applications</i> , 1995 , 670, 47-54		49
79	On the role of synthesized hydroxylated chalcones as dual functional amyloid- β aggregation and ferroptosis inhibitors for potential treatment of Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2019 , 166, 11-21	6.8	45
78	Enzymatic oxidation of the dopaminergic neurotoxin, 1(R), 2(N)-dimethyl-6,7-dihydroxy-1,2,3,4-tetrahydroisoquinoline, into 1,2(N)-dimethyl-6,7-dihydroxyisoquinolinium ion. <i>Life Sciences</i> , 1995 , 57, 1061-6	6.8	44
77	Simulated microgravity inhibits cell focal adhesions leading to reduced melanoma cell proliferation and metastasis via FAK/RhoA-regulated mTORC1 and AMPK pathways. <i>Scientific Reports</i> , 2018 , 8, 3769	4.9	40
76	Specific and simultaneous detection of micro RNA 21 and let-7a by rolling circle amplification combined with lateral flow strip. <i>Analytica Chimica Acta</i> , 2019 , 1055, 115-125	6.6	33
75	Simulated Microgravity Reduces Focal Adhesions and Alters Cytoskeleton and Nuclear Positioning Leading to Enhanced Apoptosis via Suppressing FAK/RhoA-Mediated mTORC1/NF- κ B and ERK1/2 Pathways. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	32
74	Occurrence and distribution of salsolinol-like compound, 1-acetyl-6,7-dihydroxy-1,2,3,4-tetrahydroisoquinoline (ADTIQ) in parkinsonian brains. <i>Journal of Neural Transmission</i> , 2012 , 119, 435-41	4.3	30
73	Attenuation of Biochemical Parameters in Streptozotocin-induced Diabetic Rats by Oral Administration of Extracts and Fractions of <i>Cephalotaxus sinensis</i> . <i>Journal of Clinical Biochemistry and Nutrition</i> , 2008 , 42, 21-28	3.1	30
72	Simulated Microgravity Promotes Cell Apoptosis Through Suppressing Uev1A/TICAM/TRAF/NF- κ B-Regulated Anti-Apoptosis and p53/PCNA- and ATM/ATR-Chk1/2-Controlled DNA-Damage Response Pathways. <i>Journal of Cellular Biochemistry</i> , 2016 , 117, 2138-48	4.7	28
71	A review on structure, extraction, and biological activities of polysaccharides isolated from <i>Cyclocarya paliurus</i> (Batalin) Iljinskaja. <i>International Journal of Biological Macromolecules</i> , 2020 , 156, 420-429	7.9	26
70	Antibiotic discovery: combining isolation chip (iChip) technology and co-culture technique. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 7333-7341	5.7	26
69	Effect of Prolonged Simulated Microgravity on Metabolic Proteins in Rat Hippocampus: Steps toward Safe Space Travel. <i>Journal of Proteome Research</i> , 2016 , 15, 29-37	5.6	23
68	Aptamer-based fluorometric lateral flow assay for creatine kinase MB. <i>Mikrochimica Acta</i> , 2018 , 185, 364	5.8	23
67	A newly discovered neurotoxin ADTIQ associated with hyperglycemia and Parkinson's disease. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 459, 361-6	3.4	22
66	Biocompatibility of iron carbide and detection of metals ions signaling proteomic analysis via HPLC/ESI-Orbitrap. <i>Nano Research</i> , 2017 , 10, 1912-1923	10	21
65	Increased vulnerability of parkin knock down PC12 cells to hydrogen peroxide toxicity: the role of salsolinol and NM-salsolinol. <i>Neuroscience</i> , 2013 , 233, 72-85	3.9	20

64	Microvalve controlled multi-functional microfluidic chip for divisional cell co-culture. <i>Analytical Biochemistry</i> , 2017 , 539, 48-53	3.1	19
63	Isolation and Sequencing of Salsolinol Synthase, an Enzyme Catalyzing Salsolinol Biosynthesis. <i>ACS Chemical Neuroscience</i> , 2018 , 9, 1388-1398	5.7	19
62	Microchip based and immunochromatographic strip assays for the visual detection of interleukin-6 and of tumor necrosis factor α using gold nanoparticles as labels. <i>Mikrochimica Acta</i> , 2015 , 182, 597-604	5.8	19
61	Distortion of homeostatic signaling proteins by simulated microgravity in rat hypothalamus: A(16) O/(18) O-labeled comparative integrated proteomic approach. <i>Proteomics</i> , 2014 , 14, 262-73	4.8	19
60	Iron contributes to the formation of catechol isoquinolines and oxidative toxicity induced by overdose dopamine in dopaminergic SH-SY5Y cells. <i>Neuroscience Bulletin</i> , 2008 , 24, 125-32	4.3	18
59	A review on polysaccharides from <i>Artemisia sphaerocephala</i> Krasch seeds, their extraction, modification, structure, and applications. <i>Carbohydrate Polymers</i> , 2021 , 252, 117113	10.3	18
58	TRPC1 protects dopaminergic SH-SY5Y cells from MPP+, salsolinol, and N-methyl-(R)-salsolinol-induced cytotoxicity. <i>Acta Biochimica Et Biophysica Sinica</i> , 2014 , 46, 22-30	2.8	16
57	Alpha-synuclein overexpression induced mitochondrial damage by the generation of endogenous neurotoxins in PC12 cells. <i>Neuroscience Letters</i> , 2013 , 547, 65-9	3.3	15
56	Aptamer-based rolling circle amplification coupled with graphene oxide-based fluorescence resonance energy transfer for sensitive detection of cardiac troponin I. <i>Analytical Methods</i> , 2018 , 10, 1767-1773	3.2	14
55	Cebranopadol, a Mixed Opioid Agonist, Reduces Cocaine Self-administration through Nociceptin Opioid and Mu Opioid Receptors. <i>Frontiers in Psychiatry</i> , 2017 , 8, 234	5	14
54	Effects of simulated microgravity on the expression of presynaptic proteins distorting the GABA/glutamate equilibrium--A proteomics approach. <i>Proteomics</i> , 2015 , 15, 3883-91	4.8	14
53	Glial U87 cells protect neuronal SH-SY5Y cells from indirect effect of radiation by reducing oxidative stress and apoptosis. <i>Acta Biochimica Et Biophysica Sinica</i> , 2015 , 47, 250-7	2.8	14
52	Differential expression of specific cellular defense proteins in rat hypothalamus under simulated microgravity induced conditions: comparative proteomics. <i>Proteomics</i> , 2014 , 14, 1424-33	4.8	14
51	Radioprotective effects of dragon's blood and its extracts on radiation-induced myelosuppressive mice. <i>Journal of Ethnopharmacology</i> , 2014 , 154, 624-34	5	13
50	Methylglyoxal increases dopamine level and leads to oxidative stress in SH-SY5Y cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2014 , 46, 950-6	2.8	12
49	Epigenetic Regulation of Neuroinflammation in Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	12
48	A secret that underlies Parkinson's disease: The damaging cycle. <i>Neurochemistry International</i> , 2019 , 129, 104484	4.4	11
47	CoSinGAN: Learning COVID-19 Infection Segmentation from a Single Radiological Image. <i>Diagnostics</i> , 2020 , 10,	3.8	11

46	Increased levels of monoamine-derived potential neurotoxins in fetal rat brain exposed to ethanol. <i>Neurochemical Research</i> , 2013 , 38, 356-63	4.6	11
45	Hypoglycemic activity of the extracts of <i>Belamcanda chinensis</i> leaves (BCLE) on KK-A mice. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 110, 449-455	7.5	11
44	Metabolic profiling of five flavonoids from Dragon's Blood in human liver microsomes using high-performance liquid chromatography coupled with high resolution mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1052, 91-102	3.2	10
43	Assessment of salsolinol N-methyltransferase activity in rat peripheral lymphocytes by liquid chromatography-electrospray time-of-flight mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 399, 3541-5	4.4	9
42	Exosomes and exosomal microRNA in non-targeted radiation bystander and abscopal effects in the central nervous system. <i>Cancer Letters</i> , 2021 , 499, 73-84	9.9	8
41	Bioinspired sensor system for health care and human-machine interaction. <i>EcoMat</i> ,	9.4	8
40	The Applications of Magnetic Particle Imaging: From Cell to Body. <i>Diagnostics</i> , 2020 , 10,	3.8	7
39	Changes in salsolinol production and salsolinol synthase activity in Parkinson's disease model. <i>Neuroscience Letters</i> , 2018 , 673, 39-43	3.3	7
38	Using Molecular Docking Analysis to Discovery Hemsl. Potential Mechanism of Anticancer, Antidepressant, and Immunoregulation. <i>Pharmacognosy Magazine</i> , 2017 , 13, 358-362	0.8	6
37	The microgravity enhanced polymer-mediated siRNA gene silence by improving cellular uptake. <i>Biophysics Reports</i> , 2020 , 6, 266-277	3.5	5
36	Synergistic Neuroprotective Effect of Endogenously-Produced Hydroxytyrosol and Synaptic Vesicle Proteins on Pheochromocytoma Cell Line Against Salsolinol. <i>Molecules</i> , 2020 , 25,	4.8	5
35	Wall.ex DC in Liver Fibrosis: Pharmacological Evaluation, Differential Proteomics, and Network Pharmacology. <i>Frontiers in Pharmacology</i> , 2018 , 9, 524	5.6	5
34	Recent advances in sensitivity enhancement for lateral flow assay. <i>Mikrochimica Acta</i> , 2021 , 188, 379	5.8	5
33	Rac1/Wave2/Arp3 Pathway Mediates Rat Blood-Brain Barrier Dysfunction under Simulated Microgravity Based on Proteomics Strategy. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
32	Investigation on rat intestinal homeostasis alterations induced by 7-day simulated microgravity effect based on a proteomic approach. <i>Acta Astronautica</i> , 2020 , 166, 560-566	2.9	5
31	HPLC-ESI-MS Identification and NMR Characterization of Glucosyloxybenzyl 2-Benzylmalate Derivatives and Their Anti-Liver Fibrotic Effects In Vitro. <i>Molecules</i> , 2019 , 24,	4.8	4
30	An Overview of Endogenous Catechol-Isoquinolines and Their Related Enzymes: Possible Biomarkers for Parkinson's Disease. <i>Current Translational Geriatrics and Experimental Gerontology Reports</i> , 2012 , 1, 59-67		4
29	DR5 related autophagy can promote apoptosis in gliomas after irradiation. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 522, 910-916	3.4	4

28	Drr4covid: Learning Automated COVID-19 Infection Segmentation From Digitally Reconstructed Radiographs. <i>IEEE Access</i> , 2020 , 8, 207736-207757	3.5	4
27	Dragon's Blood Regulates Rac1-WAVE2-Arp2/3 Signaling Pathway to Protect Rat Intestinal Epithelial Barrier Dysfunction Induced by Simulated Microgravity. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4
26	Mitochondria-targeted high-load sound-sensitive micelles for sonodynamic therapy to treat triple-negative breast cancer and inhibit metastasis. <i>Materials Science and Engineering C</i> , 2021 , 124, 112054	8.3	4
25	Myosin light chain kinase mediates intestinal barrier dysfunction following simulated microgravity based on proteomic strategy. <i>Journal of Proteomics</i> , 2021 , 231, 104001	3.9	4
24	Simulated Microgravity Altered the Metabolism of Loureirin B and the Expression of Major Cytochrome P450 in Liver of Rats. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1130	5.6	4
23	Investigation on Intestinal Proteins and Drug Metabolizing Enzymes in Simulated Microgravity Rats by a Proteomics Method. <i>Molecules</i> , 2020 , 25,	4.8	3
22	Deep Membrane Proteome Profiling of Rat Hippocampus in Simulated Complex Space Environment by SWATH. <i>Space: Science & Technology</i> , 2021 , 2021, 1-12		3
21	Synthesis of bimetallic nanoparticles loaded on to PNIPAM hybrid microgel and their catalytic activity. <i>Scientific Reports</i> , 2021 , 11, 14759	4.9	3
20	Label-free quantitative proteomics of rat liver exposed to simulated microgravity. <i>Acta Astronautica</i> , 2020 , 170, 251-260	2.9	2
19	Complete mitochondrial genome of catfish <i>Sperata seenghala</i> (Sykes, 1839) (Siluriformes, Bagridae) from Indus River Sindh, Pakistan. <i>Mitochondrial DNA</i> , 2016 , 27, 387-8		2
18	Complete mitochondrial genome of catfish <i>Bagarius bagarius</i> (Hamilton, Sisoridae; Siluriformes) from Indus River Sindh, Pakistan. <i>Mitochondrial DNA</i> , 2016 , 27, 439-40		2
17	Shape-coded hydrogel microparticles integrated with hybridization chain reaction and a microfluidic chip for sensitive detection of multi-target miRNAs. <i>Sensors and Actuators B: Chemical</i> , 2022 , 361, 131741	8.5	2
16	A New Player in Depression: MiRNAs as Modulators of Altered Synaptic Plasticity.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2
15	Complete mitochondrial genome of the Freshwater Catfish <i>Rita rita</i> (Siluriformes, Bagridae). <i>Mitochondrial DNA</i> , 2015 , 26, 817-8		1
14	Investigation on P-Glycoprotein Function and Its Interacting Proteins under Simulated Microgravity. <i>Space: Science & Technology</i> , 2021 , 2021, 1-13		1
13	Illuminating single genomic loci in live cells by reducing nuclear background fluorescence. <i>Science China Life Sciences</i> , 2021 , 64, 667-677	8.5	1
12	Space: Science & Technology Promoting Academic Exchange and Exploring the Frontiers of Space. <i>Space: Science & Technology</i> , 2021 , 2021, 1-2		1
11	In silico screening and identification of deleterious missense SNPs along with their effects on CD-209 gene: An insight to CD-209 related-diseases. <i>PLoS ONE</i> , 2021 , 16, e0247249	3.7	1

10	Simulated microgravity alters the expression of plasma SSAO and its enzymatic activity in healthy rats and increases the mortality in high-fat diet/streptozotocin-induced diabetes. <i>Life Sciences in Space Research</i> , 2021 , 30, 24-28	2.4	1
9	Possible role of a dual regulator of neuroinflammation and autophagy in a simulated space environment. <i>Acta Astronautica</i> , 2021 , 187, 181-189	2.9	1
8	Purification, characterization, and determination of biological activities of water-soluble polysaccharides from Mahonia bealei.. <i>Scientific Reports</i> , 2022 , 12, 8160	4.9	1
7	Activation of Focal Adhesion Kinase Restores Simulated Microgravity-Induced Inhibition of Osteoblast Differentiation via Wnt/ β Catenin Pathway. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5593	6.3	1
6	Survey and Evaluation of Spacecraft-Associated Aluminum-Degrading Microbes and Their Rapid Identification Methods. <i>Astrobiology</i> , 2020 , 20, 925-934	3.7	0
5	The epigenetic mechanisms involved in mitochondrial dysfunction: Implication for Parkinson's disease. <i>Brain Pathology</i> , 2021 , e13012	6	0
4	Fluorescent microspheres lateral flow assay integrated with Smartphone-based reader for multiple microRNAs detection. <i>Microchemical Journal</i> , 2022 , 179, 107551	4.8	0
3	Microfluidic chip-based long-term preservation and culture of engineering bacteria for DNA damage evaluation.. <i>Applied Microbiology and Biotechnology</i> , 2022 , 106, 1663	5.7	
2	Rapid identification and structural characterization of polyoxypregnane glycosides in by HPLC-MS and HRMS. <i>Journal of Asian Natural Products Research</i> , 2021 , 23, 9-19	1.5	
1	Two new triterpenoid saponins from Wall. ex DC.. <i>Natural Product Research</i> , 2022 , 1-8	2.3	