

# Xin Dong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8956786/publications.pdf>

Version: 2024-02-01

62  
papers

1,465  
citations

304602

22  
h-index

377752

34  
g-index

63  
all docs

63  
docs citations

63  
times ranked

2330  
citing authors

#	ARTICLE	IF	CITATIONS
1	A modified impactor for establishing a graded contusion spinal cord injury model in rats. <i>Annals of Translational Medicine</i> , 2022, 10, 436-436.	0.7	3
2	New Function of Cholesterol Oxidation Products Involved in Osteoporosis Pathogenesis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2020.	1.8	11
3	Association of Use of Tourniquets During Total Knee Arthroplasty in the Elderly Patients With Post-operative Pain and Return to Function. <i>Frontiers in Public Health</i> , 2022, 10, 825408.	1.3	4
4	An Integrated Proteomics and Metabolomics Strategy for the Mechanism of Calcium Oxalate Crystal-Induced Kidney Injury. <i>Frontiers in Medicine</i> , 2022, 9, 805356.	1.2	2
5	An observation study of urinary biomarker exploratory in Alzheimer's disease using high-resolution mass spectrometry. <i>Biomedical Chromatography</i> , 2022, 36, .	0.8	4
6	Human cerebral organoids establish subcortical projections in the mouse brain after transplantation. <i>Molecular Psychiatry</i> , 2021, 26, 2964-2976.	4.1	55
7	Validation of efficacy and mechanism of Sanwei-Tanxiang powder in improving myocardial ischemia reperfusion injuries. <i>Scientific Reports</i> , 2021, 11, 664.	1.6	7
8	Integrated Proteomic and Metabolomic Analysis of the Testes Characterizes BDE-47-Induced Reproductive Toxicity in Mice. <i>Biomolecules</i> , 2021, 11, 821.	1.8	15
9	Effect of Zoledronic Acid on the Vertebral Body Bone Mineral Density After Instrumented Intervertebral Fusion in Postmenopausal Women With Osteoporosis. <i>Global Spine Journal</i> , 2021, , 219256822110278.	1.2	0
10	Lipidomics Reveals the Therapeutic Effects of EtOAc Extract of <i>Orthosiphon stamineus</i> Benth. on Nephrolithiasis. <i>Frontiers in Pharmacology</i> , 2020, 11, 1299.	1.6	12
11	Fu-Fang-Jin-Qian-Cao herbal granules protect against the calcium oxalate-induced renal EMT by inhibiting the TGF- $\beta$ 2/smad pathway. <i>Pharmaceutical Biology</i> , 2020, 58, 1124-1131.	1.3	16
12	Lactulose Suppresses Osteoclastogenesis and Ameliorates Estrogen Deficiency-Induced Bone Loss in Mice. , 2020, 11, 629.		45
13	Subcutaneous delivery of tauroursodeoxycholic acid rescues the cone photoreceptors in degenerative retina: A promising therapeutic molecule for retinopathy. <i>Biomedicine and Pharmacotherapy</i> , 2019, 117, 109021.	2.5	14
14	UHPLC-HRMSn Analysis Reveals the Dynamic Metabonomic Responses of <i>Salvia miltiorrhiza</i> Hairy Roots to Polysaccharide Fraction from <i>Trichoderma atroviride</i> . <i>Biomolecules</i> , 2019, 9, 541.	1.8	9
15	Develop a 3D neurological disease model of human cortical glutamatergic neurons using micropillar-based scaffolds. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 557-564.	5.7	17
16	CtACO1 Overexpression Resulted in the Alteration of the Flavonoids Profile of Safflower. <i>Molecules</i> , 2019, 24, 1128.	1.7	15
17	Metabolomic analysis reveals a protective effect of Fu-Fang-Jin-Qian-Chao herbal granules on oxalate-induced kidney injury. <i>Bioscience Reports</i> , 2019, 39, .	1.1	8
18	UHPLC-QTOF/MS-based metabolomics investigation for the protective mechanism of Danshen in Alzheimer's disease cell model induced by A $\beta$ 1-42. <i>Metabolomics</i> , 2019, 15, 13.	1.4	21

#	ARTICLE	IF	CITATIONS
19	Metabolomics profiling provides valuable insights into the underlying mechanisms of <i>Morinda officinalis</i> on protecting glucocorticoid-induced osteoporosis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 166, 336-346.	1.4	26
20	Pharmacokinetics of monoesterâ€”diterpenoid alkaloids in myocardial infarction and normal rats after oral administration of Sini decoction by microdialysis combined with liquid chromatographyâ€”tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2019, 33, e4406.	0.8	5
21	Kupffer cell-derived TNF- $\alpha$ promotes hepatocytes to produce CXCL1 and mobilize neutrophils in response to necrotic cells. <i>Cell Death and Disease</i> , 2018, 9, 323.	2.7	60
22	Metabolomics coupled with pathway analysis characterizes metabolic changes in response to BDE-3 induced reproductive toxicity in mice. <i>Scientific Reports</i> , 2018, 8, 5423.	1.6	38
23	Effects of glaucocalyxin A on human liver cancer cells as revealed by GC/MS- and LC/MS-based metabolic profiling. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3325-3335.	1.9	25
24	Glycyrrhizic acid ameliorates the kynurenine pathway in association with its antidepressant effect. <i>Behavioural Brain Research</i> , 2018, 353, 250-257.	1.2	50
25	HMGB1 mediates depressive behavior induced by chronic stress through activating the kynurenine pathway. <i>Brain, Behavior, and Immunity</i> , 2018, 72, 51-60.	2.0	77
26	Integrative Proteomicsâ€”Metabolomics Strategy for Pathological Mechanism of Vascular Depression Mouse Model. <i>Journal of Proteome Research</i> , 2018, 17, 656-669.	1.8	23
27	Integrative Bone Metabolomicsâ€”Lipidomics Strategy for Pathological Mechanism of Postmenopausal Osteoporosis Mouse Model. <i>Scientific Reports</i> , 2018, 8, 16456.	1.6	58
28	Exploring the Therapeutic Mechanism of <i>Desmodium styracifolium</i> on Oxalate Crystal-Induced Kidney Injuries Using Comprehensive Approaches Based on Proteomics and Network Pharmacology. <i>Frontiers in Pharmacology</i> , 2018, 9, 620.	1.6	32
29	Cross-platform metabolic profiling deciphering the potential targets of Shenfu injection against acute viral myocarditis in mice. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 160, 1-11.	1.4	16
30	Untargeted lipidomics based on UPLC-QTOF-MS/MS and structural characterization reveals dramatic compositional changes in serum and renal lipids in mice with glyoxylate-induced nephrolithiasis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1095, 258-266.	1.2	16
31	Dioscin relieves endotoxemia induced acute neuro-inflammation and protect neurogenesis via improving 5-HT metabolism. <i>Scientific Reports</i> , 2017, 7, 40035.	1.6	29
32	Urinary metabolomics of complete Freund's adjuvantâ€”induced hyperalgesia in rats. <i>Biomedical Chromatography</i> , 2017, 31, e3886.	0.8	3
33	Hydrophilic interaction and reversedâ€”phase ultraâ€”performance liquid chromatography TOFâ€”MS for metabolomic analysis of <i>Veratrum nigrum</i> â€”induced cardiotoxicity. <i>Biomedical Chromatography</i> , 2017, 31, e4011.	0.8	3
34	Three serum metabolite signatures for diagnosing low-grade and high-grade bladder cancer. <i>Scientific Reports</i> , 2017, 7, 46176.	1.6	44
35	Metabolomic approach to understand the acute and chronic hepatotoxicity of <i>Veratrum nigrum</i> extract in mice based on ultra-high-performance liquid chromatography coupled with quadrupole time-of-flight mass spectrometry. <i>Toxicology Mechanisms and Methods</i> , 2017, 27, 687-696.	1.3	7
36	Low-level laser irradiation modulates brain-derived neurotrophic factor mRNA transcription through calcium-dependent activation of the ERK/CREB pathway. <i>Lasers in Medical Science</i> , 2017, 32, 169-180.	1.0	26

#	ARTICLE	IF	CITATIONS
37	Overexpression of CtCHS1 Increases Accumulation of Quinochalcone in Safflower. <i>Frontiers in Plant Science</i> , 2017, 8, 1409.	1.7	28
38	Synergistic Effect of Mesoporous Silica and Hydroxyapatite in Loaded Poly(DL-lactic-co-glycolic acid) Microspheres on the Regeneration of Bone Defects. <i>BioMed Research International</i> , 2016, 2016, 1-14.	0.9	7
39	Raf kinase inhibitor protein regulates oxygen-glucose deprivation-induced PC12 cells apoptosis through the NF- $\kappa$ B and ERK pathways. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2016, 59, 86-92.	0.6	15
40	Plasma metabolomic profile and potential biomarkers for missed abortion. <i>Biomedical Chromatography</i> , 2016, 30, 1942-1952.	0.8	20
41	Dynamic metabolic and transcriptomic profiling of methyl jasmonate-treated hairy roots reveals synthetic characters and regulators of lignan biosynthesis in <i>Isatis indigotica</i> Fort. <i>Plant Biotechnology Journal</i> , 2016, 14, 2217-2227.	4.1	51
42	Metabolomics analysis for hydroxy-L-proline-induced calcium oxalate nephrolithiasis in rats based on ultra-high performance liquid chromatography quadrupole time-of-flight mass spectrometry. <i>Scientific Reports</i> , 2016, 6, 30142.	1.6	21
43	UHPLC-Q-TOF-MS based serum metabolomics revealed the metabolic perturbations of ischemic stroke and the protective effect of RKIP in rat models. <i>Molecular BioSystems</i> , 2016, 12, 1831-1841.	2.9	23
44	Metabonomic identification of the effects of the Zhimu-Baihe saponins on a chronic unpredictable mild stress-induced rat model of depression. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 128, 469-479.	1.4	51
45	Metabolomics changes in a rat model of obstructive jaundice: mapping to metabolism of amino acids, carbohydrates and lipids as well as oxidative stress. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2015, 57, 50-59.	0.6	21
46	Urinary metabolomics elucidate the therapeutic mechanism of <i>Orthosiphon stamineus</i> in mouse crystal-induced kidney injury. <i>Journal of Ethnopharmacology</i> , 2015, 166, 323-332.	2.0	25
47	Lipidomic profiling reveals significant alterations in lipid biochemistry in hypothyroid rat cerebellum and the therapeutic effects of Sini decoction. <i>Journal of Ethnopharmacology</i> , 2015, 159, 262-273.	2.0	13
48	Potential of serum metabolites for diagnosing post-stroke cognitive impairment. <i>Molecular BioSystems</i> , 2015, 11, 3287-3296.	2.9	51
49	Therapeutic effect of Xue Niao An on glyoxylate-induced calcium oxalate crystal deposition based on urinary metabolomics approach. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2014, 55, 184-190.	0.6	8
50	Investigation of the therapeutic effectiveness of active components in Sini decoction by a comprehensive GC/LC-MS based metabolomics and network pharmacology approaches. <i>Molecular BioSystems</i> , 2014, 10, 3310-3321.	2.9	35
51	Chemical profile- and pharmacokinetics-based investigation of the synergistic property of <i>Platycodonis Radix</i> in Traditional Chinese Medicine formula Shengxian Decoction. <i>Journal of Ethnopharmacology</i> , 2014, 152, 497-507.	2.0	26
52	A strategy for rapid analysis of xenobiotic metabolome of Sini decoction in vivo using ultra-performance liquid chromatography-electrospray ionization quadrupole-time-of-flight mass spectrometry combined with pattern recognition approach. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 96, 187-196.	1.4	20
53	A practical strategy for characterization of the metabolic profile of chiral drugs using combinatory liquid chromatography-mass spectrometric techniques: Application to tetrahydropalmatine enantiomers and their metabolites in rat urine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 94, 152-162.	1.4	19
54	FFAs-ROS-ERK/P38 pathway plays a key role in adipocyte lipotoxicity on osteoblasts in co-culture. <i>Biochimie</i> , 2014, 101, 123-131.	1.3	41

#	ARTICLE	IF	CITATIONS
55	UPLC-Q-TOF/MS based metabolomic profiling of serum and urine of hyperlipidemic rats induced by high fat diet. <i>Journal of Pharmaceutical Analysis</i> , 2014, 4, 360-367.	2.4	36
56	SEPARATION AND CHARACTERIZATION OF STEROIDAL SAPONINS IN <i>PARIS PLYPHYLLA</i> BY HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY COUPLED WITH TIME-OF-FLIGHT MASS SPECTROMETRY AND ION TRAP MASS SPECTROMETRY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2013, 36, 1661-1677.	0.5	2
57	Metabonomic Profiles Delineate the Effect of Traditional Chinese Medicine Sini Decoction on Myocardial Infarction in Rats. <i>PLoS ONE</i> , 2012, 7, e34157.	1.1	79
58	Hydrophilic interaction and reversed-phase ultraperformance liquid chromatographyTOF-MS for serum metabonomic analysis of myocardial infarction in rats and its applications. <i>Molecular BioSystems</i> , 2012, 8, 548-556.	2.9	41
59	HIV-1 Tat induces biochemical changes in the serum of mice. <i>Virology</i> , 2012, 422, 288-296.	1.1	8
60	Comparative analysis of essential oils found in Rhizomes <i>Curcumae</i> and Radix <i>Curcumae</i> by gas chromatography–mass spectrometry. <i>Journal of Pharmaceutical Analysis</i> , 2011, 1, 203-207.	2.4	17
61	Using cell membrane chromatography and HPLC-TOF/MS method for in vivo study of active components from roots of <i>Aconitum carmichaeli</i> . <i>Journal of Pharmaceutical Analysis</i> , 2011, 1, 125-134.	2.4	8
62	Poloxamer188 composite electrospun poly L-lactic acid fibrous nonwoven: Sustained in vitro and in vivo release letrozole as a subcutaneous implant. <i>Journal of Industrial Textiles</i> , 0, , 152808372110620.	1.1	1