

Yi Yang

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,230
citations

394421

19
h-index

434195

31
g-index

53
all docs

53
docs citations

53
times ranked

1582
citing authors

#	ARTICLE	IF	CITATIONS
1	In silico spectral libraries by deep learning facilitate data-independent acquisition proteomics. <i>Nature Communications</i> , 2020, 11, 146.	12.8	135
2	Protective effects of metformin against osteoarthritis through upregulation of SIRT3-mediated PINK1/Parkin-dependent mitophagy in primary chondrocytes. <i>BioScience Trends</i> , 2018, 12, 605-612.	3.4	98
3	Metaproteomics characterizes human gut microbiome function in colorectal cancer. <i>Npj Biofilms and Microbiomes</i> , 2020, 6, 14.	6.4	79
4	The miR-561-5p/CX ₃ CL1 Signaling Axis Regulates Pulmonary Metastasis in Hepatocellular Carcinoma Involving CX ₃ CR1 ⁺ Natural Killer Cells Infiltration. <i>Theranostics</i> , 2019, 9, 4779-4794.	10.0	72
5	Direct MALDI-TOF MS Identification of Bacterial Mixtures. <i>Analytical Chemistry</i> , 2018, 90, 10400-10408.	6.5	55
6	Lattice-Confined Single-Atom Fe ₁ S _x on Mesoporous TiO ₂ for Boosting Ambient Electrocatalytic N ₂ Reduction Reaction. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	54
7	Effects of vitamin A deficiency on mucosal immunity and response to intestinal infection in rats. <i>Nutrition</i> , 2011, 27, 227-232.	2.4	46
8	Synthesis of Ni/NiO@MoO ₃ Composite Nanoarrays for High Current Density Hydrogen Evolution Reaction. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	45
9	Mortality and Morbidity in Infants <lt;34 Weeks' Gestation in 25 NICUs in China: A Prospective Cohort Study. <i>Frontiers in Pediatrics</i> , 2020, 8, 33.	1.9	42
10	Constructing Unique Mesoporous Carbon Superstructures via Monomicelle Interface Confined Assembly. <i>Journal of the American Chemical Society</i> , 2022, 144, 11767-11777.	13.7	41
11	Serum microRNAs: A new diagnostic method for colorectal cancer. <i>Biomedical Reports</i> , 2013, 1, 495-498.	2.0	35
12	Metformin Mitigates Cartilage Degradation by Activating AMPK/SIRT1-Mediated Autophagy in a Mouse Osteoarthritis Model. <i>Frontiers in Pharmacology</i> , 2020, 11, 1114.	3.5	35
13	Bacterial Whole Cell Typing by Mass Spectra Pattern Matching with Bootstrapping Assessment. <i>Analytical Chemistry</i> , 2017, 89, 12556-12561.	6.5	28
14	HNRNPAB-regulated lncRNA-ELF209 inhibits the malignancy of hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2020, 146, 169-180.	5.1	28
15	Precisely Controlled Vertical Alignment in Mesostructured Carbon Thin Films for Efficient Electrochemical Sensing. <i>ACS Nano</i> , 2021, 15, 7713-7721.	14.6	28
16	Epidemiology and microbiology of late-onset sepsis among preterm infants in China, 2015-2018: A cohort study. <i>International Journal of Infectious Diseases</i> , 2020, 96, 1-9.	3.3	26
17	SERS and MALDI-TOF MS based plasma exosome profiling for rapid detection of osteosarcoma. <i>Analyst</i> , 2021, 146, 6496-6505.	3.5	25
18	Candidate genes involved in metastasis of colon cancer identified by integrated analysis. <i>Cancer Medicine</i> , 2019, 8, 2338-2347.	2.8	24

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19	GproDIA enables data-independent acquisition glycoproteomics with comprehensive statistical control. <i>Nature Communications</i> , 2021, 12, 6073.	12.8	23
20	Nanoporous silica coupled MALDI-TOF MS detection of Bence-Jones proteins in human urine for diagnosis of multiple myeloma. <i>Talanta</i> , 2019, 200, 288-292.	5.5	20
21	Matrix-assisted laser desorption ionization mass spectrometry profiling of plasma exosomes evaluates osteosarcoma metastasis. <i>IScience</i> , 2021, 24, 102906.	4.1	20
22	Endoscopic Thyroidectomy for Differentiated Thyroid Cancer. <i>Scientific World Journal</i> , The, 2012, 2012, 1-6.	2.1	19
23	Dysregulation of over-expressed IL-32 in colorectal cancer induces metastasis. <i>World Journal of Surgical Oncology</i> , 2015, 13, 146.	1.9	19
24	Development and validation of a new tumor-based gene signature predicting prognosis of HBV/HCV-included resected hepatocellular carcinoma patients. <i>Journal of Translational Medicine</i> , 2019, 17, 203.	4.4	18
25	Fragment Mass Spectrum Prediction Facilitates Site Localization of Phosphorylation. <i>Journal of Proteome Research</i> , 2021, 20, 634-644.	3.7	16
26	Phenotypic and functional characterization of cytokine-induced killer cells derived from preterm and term infant cord blood. <i>Oncology Reports</i> , 2014, 32, 2244-2252.	2.6	14
27	MALDI-TOF Characterization of Protein Expression Mutation During Morphological Changes of Bacteria Under the Impact of Antibiotics. <i>Analytical Chemistry</i> , 2019, 91, 2352-2359.	6.5	14
28	<p>The Role Of Hepatic Stellate Cells In Promoting Liver Metastasis Of Colorectal Carcinoma</p>. <i>OncoTargets and Therapy</i> , 2019, Volume 12, 7573-7580.	2.0	14
29	Comparison of immunohistology using pan-CK and EMA in the diagnosis of lymph node metastasis of gastric cancer, particularly micrometastasis and isolated tumor cells. <i>Oncology Letters</i> , 2013, 5, 768-772.	1.8	13
30	Antibiotic Use in Neonatal Intensive Care Units in China: A Multicenter Cohort Study. <i>Journal of Pediatrics</i> , 2021, 239, 136-142.e4.	1.8	13
31	Intraoperative monitoring of pelvic autonomic nerves during laparoscopic low anterior resection of rectal cancer. <i>Cancer Management and Research</i> , 2019, Volume 11, 411-417.	1.9	12
32	Aspartate aminotransferase-to-platelet ratio index predicts prognosis of hepatocellular carcinoma after postoperative adjuvant transarterial chemoembolization. <i>Cancer Management and Research</i> , 2019, Volume 11, 63-79.	1.9	12
33	Morphological risk factors associated with dislocation after bipolar hemiarthroplasty of the hip in patients with femoral neck fractures"a nested case-control study. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 395.	2.3	12
34	Estimated Survival and Major Comorbidities of Very Preterm Infants Discharged Against Medical Advice vs Treated With Intensive Care in China. <i>JAMA Network Open</i> , 2021, 4, e2113197.	5.9	11
35	Identification of Diagnostic Biomarkers of Osteoarthritis Based on Multi-Chip Integrated Analysis and Machine Learning. <i>DNA and Cell Biology</i> , 2020, 39, 2245-2256.	1.9	10
36	Evaluation of prostate cancer based on MALDI-TOF MS fingerprinting of nanoparticle-treated serum proteins/peptides. <i>Talanta</i> , 2020, 220, 121331.	5.5	10

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37	Deep learning approaches for data-independent acquisition proteomics. <i>Expert Review of Proteomics</i> , 2021, 18, 1031-1043.	3.0	10
38	Melorheostosis and a review of the literature in China. <i>Intractable and Rare Diseases Research</i> , 2013, 2, 51-54.	0.9	9
39	Association of interarm blood pressure difference with cardiovascular disease: A community-based, cross-sectional study. <i>Journal of Clinical Hypertension</i> , 2019, 21, 1115-1123.	2.0	7
40	Neonatal outcome of small for gestational age infants born at 26–33 weeks' gestation in Chinese neonatal intensive care units. <i>Translational Pediatrics</i> , 2021, 10, 754-764.	1.2	6
41	A new prediction model for patient satisfaction after total knee arthroplasty and the roles of different scoring systems: a retrospective cohort study. <i>Journal of Orthopaedic Surgery and Research</i> , 2021, 16, 329.	2.3	6
42	Whole-exome sequencing of rectal cancer identifies locally recurrent mutations in the Wnt pathway. <i>Aging</i> , 2021, 13, 23262-23283.	3.1	5
43	An anatomical study on intersphincteric space related to intersphincteric resection for ultra-low rectal cancer. <i>Updates in Surgery</i> , 2022, 74, 439-449.	2.0	5
44	Characterization of two pollen allergens of the London plane tree in Shanghai. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2015, 14, 139-48.	0.4	5
45	Direct MALDI-TOF profiling of gingival crevicular fluid sediments for periodontitis diagnosis. <i>Talanta</i> , 2021, 225, 121956.	5.5	3
46	Water-in-oil microcompartments for the study of biomimetic drug metabolism. <i>Journal of Colloid and Interface Science</i> , 2020, 569, 378-385.	9.4	2
47	Cardiovascular Pharmacological Support Among Preterm Infants in Chinese Referral Center Neonatal Intensive Care Units. <i>Frontiers in Pediatrics</i> , 2021, 9, 638540.	1.9	2
48	Downregulating immunogenicity of Schwann cells via inhibiting a potential target of class II transactivator (CIITA) gene. <i>BioScience Trends</i> , 2013, 7, 50-5.	3.4	2
49	Mesenteric lymphatic hygroma in adults: A case report with a review of the literature. <i>Oncology Letters</i> , 2014, 7, 709-712.	1.8	1
50	Early ileostomy closure is safe and feasible during adjuvant chemotherapy after total mesorectal excision surgery for rectal cancer. <i>Journal of Clinical Oncology</i> , 2020, 38, 4111-4111.	1.6	1
51	Identification of a mature cystic teratoma mimicking a presacral tumor by transsacral surgery in a young female: A case report. <i>Oncology Letters</i> , 2013, 6, 785-788.	1.8	0
52	Application of cryoablation to treat peritoneal carcinomatosis from gastric cancer in a rabbit model. <i>Cryobiology</i> , 2018, 85, 12-16.	0.7	0