Jin Yang

List of Publications by Year
in descending order

61 papers	2,499 citations	331670 21 h-index	206112 48 g-index
64 all docs	64 docs citations	64 times ranked	2914 citing authors

#	Article	IF	Citations
1	A Personalized Acoustic Interface for Wearable Human–Machine Interaction. Advanced Functional Materials, 2022, 32, 2109430.	14.9	69
2	Enhanced mechanical performance of cellulose nanocrystal doped eco-friendly calcium-alginate based bio-composite fiber with superior flame retardancy. Textile Reseach Journal, 2022, 92, 1820-1829.	2.2	7
3	Double Branch Attention Block for Discriminative Representation of Siamese Trackers. Applied Sciences (Switzerland), 2022, 12, 2897.	2.5	1
4	Exploring immune-related signatures for predicting immunotherapeutic responsiveness, prognosis, and diagnosis of patients with colon cancer. Aging, 2022, 14, 5131-5152.	3.1	3
5	Can nasal filters be used to reduce personal exposure against nano- to submicron-sized environmental tobacco smoke (ETS) aerosols?. Aerosol Science and Technology, 2022, 56, 869-882.	3.1	2
6	3D bio-printed biphasic scaffolds with dual modification of silk fibroin for the integrated repair of osteochondral defects. Biomaterials Science, 2021, 9, 4891-4903.	5.4	35
7	Simultaneous Determination of 6 Antiretroviral Drugs in Human Hair Using an LC-ESI+-MS/MS Method: Application to Adherence Assessment. Therapeutic Drug Monitoring, 2021, 43, 756-765.	2.0	2
8	*CoNPR1* and *CoNPR3.1* are involved in SA–and MeSA–mediated growth of the pollen tube in *Camellia oleifera*. Physiologia Plantarum, 2021, 172, 2181-2190.	5.2	8
9	Propagation Characteristics of Pressure Wave in Cylindrical Reactor Induced by Underwater Pulsed Arc Discharge. IEEE Transactions on Plasma Science, 2021, 49, 1379-1387.	1.3	2
10	Decreased level of miR-1301 promotes colorectal cancer progression via activation of STAT3 pathway. Biological Chemistry, 2021, 402, 805-813.	2.5	9
11	Construction of a novel methylation–related prognostic model for colorectal cancer based on microsatellite status. Journal of Cellular Biochemistry, 2021, 122, 1781-1790.	2.6	3
12	Cross Subaperture Averaging Generalized Sidelobe Canceler Beamforming Applied to Medical Ultrasound Imaging. Applied Sciences (Switzerland), 2021, 11, 8689.	2.5	3
13	Simultaneous Determination of Cortisol, Cortisone, and Multiple Illicit Drugs in Hair among Female Drug Addicts with LC-MS/MS. Molecules, 2021, 26, 516.	3.8	5
14	An Improved Method for the Identification of Soybean Resistance to Phytophthora sojae Applied to Germplasm Resources from the Huanghuaihai and Dongbei Regions of China. Plant Disease, 2020, 104, 408-413.	1.4	5
15	MiR–496 promotes migration and epithelial–mesenchymal transition by targeting RASSF6 in colorectal cancer. Journal of Cellular Physiology, 2020, 235, 1469-1479.	4.1	31
16	Isolation and functional characterisation of the PHT1 gene encoding a high-affinity phosphate transporter in Camellia oleifera. Journal of Horticultural Science and Biotechnology, 2020, 95, 553-564.	1.9	5
17	Growth and respiratory metabolic adaptation strategies of riparian plant Distylium chinense to submergence by the field study and controlled experiments. Plant Physiology and Biochemistry, 2020, 157, 1-12.	5.8	11
18	Smart Insole for Robust Wearable Biomechanical Energy Harvesting in Harsh Environments. ACS Nano, 2020, 14, 14126-14133.	14.6	107

#	ARTICLE	IF	CITATIONS
19	LC-MS/MS Quantification of Nevirapine and Its Metabolites in Hair for Assessing Long-Term Adherence. Molecules, 2020, 25, 5692.	3.8	6
20	MiR-581/SMAD7 Axis Contributes to Colorectal Cancer Metastasis: A Bioinformatic and Experimental Validation-Based Study. International Journal of Molecular Sciences, 2020, 21, 6499.	4.1	13
21	Machine-knitted washable sensor array textile for precise epidermal physiological signal monitoring. Science Advances, 2020, 6, eaay2840.	10.3	309
22	Single-layered ultra-soft washable smart textiles for all-around ballistocardiograph, respiration, and posture monitoring during sleep. Biosensors and Bioelectronics, 2020, 155, 112064.	10.1	233
23	Sign-to-speech translation using machine-learning-assisted stretchable sensor arrays. Nature Electronics, 2020, 3, 571-578.	26.0	513
24	Comparing the performance of conventional PCR, RTQ-PCR, and droplet digital PCR assays in detection of Shigella. Molecular and Cellular Probes, 2020, 51, 101531.	2.1	28
25	In-Depth Understanding of Camellia oleifera Self-Incompatibility by Comparative Transcriptome, Proteome and Metabolome. International Journal of Molecular Sciences, 2020, 21, 1600.	4.1	24
26	Flexible Weaving Constructed Self‐Powered Pressure Sensor Enabling Continuous Diagnosis of Cardiovascular Disease and Measurement of Cuffless Blood Pressure. Advanced Functional Materials, 2019, 29, 1806388.	14.9	297
27	Alteration of the tumor suppressor SARDH in sporadic colorectal cancer: A functional and transcriptome profiling‐based study. Molecular Carcinogenesis, 2019, 58, 957-966.	2.7	10
28	MicroRNA-3607 inhibits the tumorigenesis of colorectal cancer by targeting DDI2 and regulating the DNA damage repair pathway. Apoptosis: an International Journal on Programmed Cell Death, 2019, 24, 662-672.	4.9	14
29	Ultrasensitive Fingertip-Contacted Pressure Sensors To Enable Continuous Measurement of Epidermal Pulse Waves on Ubiquitous Object Surfaces. ACS Applied Materials & Interfaces, 2019, 11, 46399-46407.	8.0	25
30	Calculation of side friction resistance between the formation and conductor during the jetting process in deepwater drilling. Marine Georesources and Geotechnology, 2019, 37, 409-416.	2.1	1
31	Simultaneous determination of antiretroviral drugs in human hair with liquid chromatography-electrospray ionization-tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1083, 209-221.	2.3	30
32	Vibrational Energy Loss Analysis of a MEMS Disk Resonator Gyroscope. , 2018, , .		1
33	Alteration of tumor suppressor BMP5 in sporadic colorectal cancer: a genomic and transcriptomic profiling based study. Molecular Cancer, 2018, 17, 176.	19.2	43
34	Simultaneous quantitation of zidovudine, efavirenz, lopinavir and ritonavir in human hair by liquid chromatography-atmospheric pressure chemical ionization-tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1097-1098, 54-63.	2.3	20
35	High Vimentin Expression Predicts a Poor Prognosis and Progression in Colorectal Cancer: A Study with Meta-Analysis and TCGA Database. BioMed Research International, 2018, 2018, 1-14.	1.9	44
36	Flexible Timbo‐Like Triboelectric Nanogenerator as Self‐Powered Force and Bend Sensor for Wireless and Distributed Landslide Monitoring. Advanced Materials Technologies, 2018, 3, 1800144.	5.8	50

#	ARTICLE	IF	CITATIONS
37	The Interaction of Smoking with Gene Polymorphisms on Four Digestive Cancers: A Systematic Review and Meta-Analysis. Journal of Cancer, 2018, 9, 1506-1517.	2.5	8
38	MiR-32 promotes tumorigenesis of colorectal cancer by targeting BMP5. Biomedicine and Pharmacotherapy, 2018, 106, 1046-1051.	5.6	32
39	MiR-92a promotes tumorigenesis of colorectal cancer, a transcriptomic and functional based study. Biomedicine and Pharmacotherapy, 2018, 106, 1370-1377.	5.6	62
40	The screening of the functional microRNA binding site SNPs in sporadic colorectal cancer genes. Cancer Biology and Therapy, 2017, 18, 407-413.	3.4	7
41	Effect of epoxidized soybean oil grafted poly(12-hydroxy stearate) on mechanical and thermal properties of microcrystalline cellulose fibers/polypropylene composites. Polymer Bulletin, 2017, 74, 911-930.	3.3	10
42	Decreased level of RASSF6 in sporadic colorectal cancer and its anti-tumor effects both *in vitro* and *in vivo*. Oncotarget, 2016, 7, 19813-19823.	1.8	19
43	Elevated Hair Cortisol Levels among Heroin Addicts on Current Methadone Maintenance Compared to Controls. PLoS ONE, 2016, 11, e0150729.	2.5	13
44	Effective reinforcement of epoxy composites with hyperbranched liquid crystals grafted on microcrystalline cellulose fibers. Journal of Materials Science, 2016, 51, 8888-8899.	3.7	14
45	Enhanced thermal and mechanical properties of polypropylene composites with hyperbranched polyester grafted sisal microcrystalline. Fibers and Polymers, 2016, 17, 2153-2161.	2.1	15
46	Development of a mitochondria-targeted fluorescent probe for hydrazine monitoring in living cells. RSC Advances, 2016, 6, 111016-111019.	3.6	34
47	Preparation and model of high-performance shape-memory polyurethane with hydroxylated perylene bisimide. RSC Advances, 2016, 6, 110329-110336.	3.6	3
48	Novel Tumor-Specific and Mitochondria-Targeted near-Infrared-Emission Fluorescent Probe for SO_2 Derivatives in Living Cells. ACS Sensors, 2016, 1, 166-172.	7.8	104
49	Flavan-3-ols consumption and cancer risk: a meta-analysis of epidemiologic studies. Oncotarget, 2016, 7, 73573-73592.	1.8	35
50	A single design strategy for dual sensitive pH probe with a suitable range to map pH in living cells. Scientific Reports, 2015, 5, 15540.	3.3	16
51	Improving thermal and mechanical properties of epoxy composites by using functionalized graphene. RSC Advances, 2015, 5, 60596-60607.	3.6	31
52	Due date assignment and dynamic scheduling of one-of-a-kind assembly production with uncertain processing time. International Journal of Computer Integrated Manufacturing, 2015, 28, 616-627.	4.6	12
53	In-line phase-contrast imaging based on Tsinghua Thomson scattering x-ray source. Review of Scientific Instruments, 2014, 85, 083307.	1.3	7
54	Somatic embryogenesis from mature zygotic embryos of Distylium chinense (Fr.) Diels and assessment of genetic fidelity of regenerated plants by SRAP markers. Plant Growth Regulation, 2014, 74, 11-21.	3.4	12

#	Article	IF	Citations
55	A magnetoelectric energy harvester with the magnetic coupling to enhance the output performance. Journal of Applied Physics, 2012, 111, .	2.5	50
56	DESIGN, MODELING, AND PERFORMANCE MEASUREMENTS OF A BROADBAND VIBRATION ENERGY HARVESTER USING A MAGNETOELECTRIC TRANSDUCER. Instrumentation Science and Technology, 2011, 39, 312-323.	1.8	5
57	Genetic variations of Chinese melon landraces investigated with EST-SSR markers. Horticulture Environment and Biotechnology, 2011, 52, 163-169.	2.1	12
58	Information processing for leak detection on underground water supply pipelines. , 2010, , .		5
59	High sensitive magnetic transducer consisting of PZT, Terfenol-D and ultrasonic horn with high Q value. , 2008, , .		1
60	ADAPTIVE LEAK DETECTION AND LOCATION IN UNDERGROUND BURIED PIPELINES. International Journal of Information Acquisition, 2004, 01, 269-277.	0.2	13
61	Information processing in buried pipeline leak detection system. , 0, , .		9