

# Jin Yang

## List of Publications by Year in descending order

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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	Sign-to-speech translation using machine-learning-assisted stretchable sensor arrays. <i>Nature Electronics</i> , 2020, 3, 571-578.	26.0	513
2	Machine-knitted washable sensor array textile for precise epidermal physiological signal monitoring. <i>Science Advances</i> , 2020, 6, eaay2840.	10.3	309
3	Flexible Weaving Constructed Self-Powered Pressure Sensor Enabling Continuous Diagnosis of Cardiovascular Disease and Measurement of Cuffless Blood Pressure. <i>Advanced Functional Materials</i> , 2019, 29, 1806388.	14.9	297
4	Single-layered ultra-soft washable smart textiles for all-around ballistocardiograph, respiration, and posture monitoring during sleep. <i>Biosensors and Bioelectronics</i> , 2020, 155, 112064.	10.1	233
5	Smart Insole for Robust Wearable Biomechanical Energy Harvesting in Harsh Environments. <i>ACS Nano</i> , 2020, 14, 14126-14133.	14.6	107
6	Novel Tumor-Specific and Mitochondria-Targeted near-Infrared-Emission Fluorescent Probe for SO <sub>2</sub> Derivatives in Living Cells. <i>ACS Sensors</i> , 2016, 1, 166-172.	7.8	104
7	A Personalized Acoustic Interface for Wearable Human-Machine Interaction. <i>Advanced Functional Materials</i> , 2022, 32, 2109430.	14.9	69
8	MiR-92a promotes tumorigenesis of colorectal cancer, a transcriptomic and functional based study. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 1370-1377.	5.6	62
9	A magnetoelectric energy harvester with the magnetic coupling to enhance the output performance. <i>Journal of Applied Physics</i> , 2012, 111, .	2.5	50
10	Flexible Timbó-Like Triboelectric Nanogenerator as Self-Powered Force and Bend Sensor for Wireless and Distributed Landslide Monitoring. <i>Advanced Materials Technologies</i> , 2018, 3, 1800144.	5.8	50
11	High Vimentin Expression Predicts a Poor Prognosis and Progression in Colorectal Cancer: A Study with Meta-Analysis and TCGA Database. <i>BioMed Research International</i> , 2018, 2018, 1-14.	1.9	44
12	Alteration of tumor suppressor BMP5 in sporadic colorectal cancer: a genomic and transcriptomic profiling based study. <i>Molecular Cancer</i> , 2018, 17, 176.	19.2	43
13	3D bio-printed biphasic scaffolds with dual modification of silk fibroin for the integrated repair of osteochondral defects. <i>Biomaterials Science</i> , 2021, 9, 4891-4903.	5.4	35
14	Flavan-3-ols consumption and cancer risk: a meta-analysis of epidemiologic studies. <i>Oncotarget</i> , 2016, 7, 73573-73592.	1.8	35
15	Development of a mitochondria-targeted fluorescent probe for hydrazine monitoring in living cells. <i>RSC Advances</i> , 2016, 6, 111016-111019.	3.6	34
16	MiR-32 promotes tumorigenesis of colorectal cancer by targeting BMP5. <i>Biomedicine and Pharmacotherapy</i> , 2018, 106, 1046-1051.	5.6	32
17	Improving thermal and mechanical properties of epoxy composites by using functionalized graphene. <i>RSC Advances</i> , 2015, 5, 60596-60607.	3.6	31
18	MiR-496 promotes migration and epithelial-mesenchymal transition by targeting RASSF6 in colorectal cancer. <i>Journal of Cellular Physiology</i> , 2020, 235, 1469-1479.	4.1	31

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19	Simultaneous determination of antiretroviral drugs in human hair with liquid chromatography-electrospray ionization-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1083, 209-221.	2.3	30
20	Comparing the performance of conventional PCR, RTQ-PCR, and droplet digital PCR assays in detection of <i>Shigella</i> . <i>Molecular and Cellular Probes</i> , 2020, 51, 101531.	2.1	28
21	Ultrasensitive Fingertip-Contacted Pressure Sensors To Enable Continuous Measurement of Epidermal Pulse Waves on Ubiquitous Object Surfaces. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 46399-46407.	8.0	25
22	In-Depth Understanding of <i>Camellia oleifera</i> Self-Incompatibility by Comparative Transcriptome, Proteome and Metabolome. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1600.	4.1	24
23	Simultaneous quantitation of zidovudine, efavirenz, lopinavir and ritonavir in human hair by liquid chromatography-atmospheric pressure chemical ionization-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1097-1098, 54-63.	2.3	20
24	Decreased level of RASSF6 in sporadic colorectal cancer and its anti-tumor effects both <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2016, 7, 19813-19823.	1.8	19
25	A single design strategy for dual sensitive pH probe with a suitable range to map pH in living cells. <i>Scientific Reports</i> , 2015, 5, 15540.	3.3	16
26	Enhanced thermal and mechanical properties of polypropylene composites with hyperbranched polyester grafted sisal microcrystalline. <i>Fibers and Polymers</i> , 2016, 17, 2153-2161.	2.1	15
27	Effective reinforcement of epoxy composites with hyperbranched liquid crystals grafted on microcrystalline cellulose fibers. <i>Journal of Materials Science</i> , 2016, 51, 8888-8899.	3.7	14
28	MicroRNA-3607 inhibits the tumorigenesis of colorectal cancer by targeting DDI2 and regulating the DNA damage repair pathway. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2019, 24, 662-672.	4.9	14
29	ADAPTIVE LEAK DETECTION AND LOCATION IN UNDERGROUND BURIED PIPELINES. <i>International Journal of Information Acquisition</i> , 2004, 01, 269-277.	0.2	13
30	Elevated Hair Cortisol Levels among Heroin Addicts on Current Methadone Maintenance Compared to Controls. <i>PLoS ONE</i> , 2016, 11, e0150729.	2.5	13
31	MiR-581/SMAD7 Axis Contributes to Colorectal Cancer Metastasis: A Bioinformatic and Experimental Validation-Based Study. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6499.	4.1	13
32	Genetic variations of Chinese melon landraces investigated with EST-SSR markers. <i>Horticulture Environment and Biotechnology</i> , 2011, 52, 163-169.	2.1	12
33	Somatic embryogenesis from mature zygotic embryos of <i>Distylium chinense</i> (Fr.) Diels and assessment of genetic fidelity of regenerated plants by SRAP markers. <i>Plant Growth Regulation</i> , 2014, 74, 11-21.	3.4	12
34	Due date assignment and dynamic scheduling of one-of-a-kind assembly production with uncertain processing time. <i>International Journal of Computer Integrated Manufacturing</i> , 2015, 28, 616-627.	4.6	12
35	Growth and respiratory metabolic adaptation strategies of riparian plant <i>Distylium chinense</i> to submergence by the field study and controlled experiments. <i>Plant Physiology and Biochemistry</i> , 2020, 157, 1-12.	5.8	11
36	Effect of epoxidized soybean oil grafted poly(12-hydroxy stearate) on mechanical and thermal properties of microcrystalline cellulose fibers/polypropylene composites. <i>Polymer Bulletin</i> , 2017, 74, 911-930.	3.3	10

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37	Alteration of the tumor suppressor SARDH in sporadic colorectal cancer: A functional and transcriptome profiling-based study. <i>Molecular Carcinogenesis</i> , 2019, 58, 957-966.	2.7	10
38	Information processing in buried pipeline leak detection system. , 0, , .		9
39	Decreased level of miR-1301 promotes colorectal cancer progression via activation of STAT3 pathway. <i>Biological Chemistry</i> , 2021, 402, 805-813.	2.5	9
40	The Interaction of Smoking with Gene Polymorphisms on Four Digestive Cancers: A Systematic Review and Meta-Analysis. <i>Journal of Cancer</i> , 2018, 9, 1506-1517.	2.5	8
41	<i>CoNPR1</i> and <i>CoNPR3.1</i> are involved in SA- and MeSA-mediated growth of the pollen tube in <i>Camellia oleifera</i> . <i>Physiologia Plantarum</i> , 2021, 172, 2181-2190.	5.2	8
42	In-line phase-contrast imaging based on Tsinghua Thomson scattering x-ray source. <i>Review of Scientific Instruments</i> , 2014, 85, 083307.	1.3	7
43	The screening of the functional microRNA binding site SNPs in sporadic colorectal cancer genes. <i>Cancer Biology and Therapy</i> , 2017, 18, 407-413.	3.4	7
44	Enhanced mechanical performance of cellulose nanocrystal doped eco-friendly calcium-alginate based bio-composite fiber with superior flame retardancy. <i>Textile Research Journal</i> , 2022, 92, 1820-1829.	2.2	7
45	LC-MS/MS Quantification of Nevirapine and Its Metabolites in Hair for Assessing Long-Term Adherence. <i>Molecules</i> , 2020, 25, 5692.	3.8	6
46	Information processing for leak detection on underground water supply pipelines. , 2010, , .		5
47	DESIGN, MODELING, AND PERFORMANCE MEASUREMENTS OF A BROADBAND VIBRATION ENERGY HARVESTER USING A MAGNETOELECTRIC TRANSDUCER. <i>Instrumentation Science and Technology</i> , 2011, 39, 312-323.	1.8	5
48	An Improved Method for the Identification of Soybean Resistance to <i>Phytophthora sojae</i> Applied to Germplasm Resources from the Huanghuaihai and Dongbei Regions of China. <i>Plant Disease</i> , 2020, 104, 408-413.	1.4	5
49	Isolation and functional characterisation of the PHT1 gene encoding a high-affinity phosphate transporter in <i>Camellia oleifera</i> . <i>Journal of Horticultural Science and Biotechnology</i> , 2020, 95, 553-564.	1.9	5
50	Simultaneous Determination of Cortisol, Cortisone, and Multiple Illicit Drugs in Hair among Female Drug Addicts with LC-MS/MS. <i>Molecules</i> , 2021, 26, 516.	3.8	5
51	Preparation and model of high-performance shape-memory polyurethane with hydroxylated perylene bisimide. <i>RSC Advances</i> , 2016, 6, 110329-110336.	3.6	3
52	Construction of a novel methylation-related prognostic model for colorectal cancer based on microsatellite status. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 1781-1790.	2.6	3
53	Cross Subaperture Averaging Generalized Sidelobe Canceller Beamforming Applied to Medical Ultrasound Imaging. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8689.	2.5	3
54	Exploring immune-related signatures for predicting immunotherapeutic responsiveness, prognosis, and diagnosis of patients with colon cancer. <i>Aging</i> , 2022, 14, 5131-5152.	3.1	3

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55	Simultaneous Determination of 6 Antiretroviral Drugs in Human Hair Using an LC-ESI+MS/MS Method: Application to Adherence Assessment. <i>Therapeutic Drug Monitoring</i> , 2021, 43, 756-765.	2.0	2
56	Propagation Characteristics of Pressure Wave in Cylindrical Reactor Induced by Underwater Pulsed Arc Discharge. <i>IEEE Transactions on Plasma Science</i> , 2021, 49, 1379-1387.	1.3	2
57	Can nasal filters be used to reduce personal exposure against nano- to submicron-sized environmental tobacco smoke (ETS) aerosols?. <i>Aerosol Science and Technology</i> , 2022, 56, 869-882.	3.1	2
58	High sensitive magnetic transducer consisting of PZT, Terfenol-D and ultrasonic horn with high Q value. , 2008, , .		1
59	Vibrational Energy Loss Analysis of a MEMS Disk Resonator Gyroscope. , 2018, , .		1
60	Calculation of side friction resistance between the formation and conductor during the jetting process in deepwater drilling. <i>Marine Georesources and Geotechnology</i> , 2019, 37, 409-416.	2.1	1
61	Double Branch Attention Block for Discriminative Representation of Siamese Trackers. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2897.	2.5	1