

# Dan Wang

## List of Publications by Year in descending order

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75  
papers

1,455  
citations

304743

22  
h-index

361022

35  
g-index

76  
all docs

76  
docs citations

76  
times ranked

2156  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of one-dimensional WO <sub>3</sub> /Bi <sub>2</sub> WO <sub>6</sub> heterojunctions with enhanced photocatalytic activity. <i>CrystEngComm</i> , 2015, 17, 569-576.	2.6	99
2	Myelin sheath structure and regeneration in peripheral nerve injury repair. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22347-22352.	7.1	82
3	Synthesis of mesoporous carbon fibers with a high adsorption capacity for bulky dye molecules. <i>Journal of Materials Chemistry A</i> , 2013, 1, 7391.	10.3	75
4	Profiles of Volatile Flavor Compounds in Milk Fermented with Different Proportional Combinations of <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> and <i>Streptococcus thermophilus</i> . <i>Molecules</i> , 2017, 22, 1633.	3.8	75
5	Biomimetic Fabrication of Janus Fabric with Asymmetric Wettability for Water Purification and Hydrophobic/Hydrophilic Patterned Surfaces for Fog Harvesting. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 50113-50125.	8.0	68
6	Dual-Mode Light-Emitting Lanthanide Metal-Organic Frameworks with High Water and Thermal Stability and Their Application in White LEDs. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 18934-18943.	8.0	65
7	Designing Catalysts for Chirality-Selective Synthesis of Single-Walled Carbon Nanotubes: Past Success and Future Opportunity. <i>Advanced Materials</i> , 2019, 31, e1800805.	21.0	59
8	Manganese-deposited iron oxide promotes tumor-responsive ferroptosis that synergizes the apoptosis of cisplatin. <i>Theranostics</i> , 2021, 11, 5418-5429.	10.0	57
9	Upregulated in Hepatitis B virus-associated hepatocellular carcinoma cells, miR-331-3p promotes proliferation of hepatocellular carcinoma cells by targeting ING5. <i>Oncotarget</i> , 2015, 6, 38093-38106.	1.8	52
10	Multifunctional NaLnF <sub>4</sub> @MOF-Ln Nanocomposites with Dual-Mode Luminescence for Drug Delivery and Cell Imaging. <i>Nanomaterials</i> , 2019, 9, 1274.	4.1	47
11	Polytetrafluoroethylene/Polyphenylene Sulfide Needle-Punched Triboelectric Air Filter for Efficient Particulate Matter Removal. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 48437-48449.	8.0	47
12	Controlled synthesis of thin BiOCl nanosheets with exposed {001} facets and enhanced photocatalytic activities. <i>CrystEngComm</i> , 2015, 17, 3845-3851.	2.6	40
13	Development of a fast and sensitive method for measuring multiple neonicotinoid insecticide residues in soil and the application in parks and residential areas. <i>Analytica Chimica Acta</i> , 2018, 1016, 19-28.	5.4	38
14	Compressible and Lightweight MXene/Carbon Nanofiber Aerogel with a Layer-Strut-Bracing Microscopic Architecture for Efficient Energy Storage. <i>Advanced Fiber Materials</i> , 2022, 4, 820-831.	16.1	37
15	Effective pH-Activated Theranostic Platform for Synchronous Magnetic Resonance Imaging Diagnosis and Chemotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 31114-31123.	8.0	36
16	A General Method to Develop Highly Environmentally Sensitive Fluorescent Probes and AIEgens. <i>Advanced Science</i> , 2022, 9, e2104609.	11.2	35
17	Isolation and Identification of Lactic Acid Bacteria from Traditional Dairy Products in Baotou and Bayannur of Midwestern Inner Mongolia and q-PCR Analysis of Predominant Species. <i>Korean Journal for Food Science of Animal Resources</i> , 2016, 36, 499-507.	1.5	30
18	Effect of <i>Eurycoma longifolia</i> Stem Extract on Uric Acid Excretion in Hyperuricemia Mice. <i>Frontiers in Pharmacology</i> , 2019, 10, 1464.	3.5	30

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19	Fluorescent Bioconjugates for Super-Resolution Optical Nanoscopy. <i>Bioconjugate Chemistry</i> , 2020, 31, 1857-1872.	3.6	30
20	Stat3 activation is critical for pluripotency maintenance. <i>Journal of Cellular Physiology</i> , 2019, 234, 1044-1051.	4.1	29
21	Orthogonal Reconstruction of Upconversion and Holographic Images for Anticounterfeiting Based on Energy Transfer. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 19159-19167.	8.0	27
22	Triglyceride-glucose index trajectory and arterial stiffness: results from Hanzhong Adolescent Hypertension Cohort Study. <i>Cardiovascular Diabetology</i> , 2022, 21, 33.	6.8	26
23	Fabrication of an expandable keratin sponge for improved hemostasis in a penetrating trauma. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 182, 110367.	5.0	23
24	Viral etiology of medically attended influenza-like illnesses in children less than five years old in Suzhou, China, 2011-2014. <i>Journal of Medical Virology</i> , 2016, 88, 1334-1340.	5.0	22
25	The Time-Feature of Uric Acid Excretion in Hyperuricemia Mice Induced by Potassium Oxonate and Adenine. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5178.	4.1	19
26	Bioconjugation of IgG Secondary Antibodies to Polymer Dots for Multicolor Subcellular Imaging. <i>ACS Applied Nano Materials</i> , 2020, 3, 2214-2220.	5.0	17
27	Socio-Economic Burden of Influenza among Children Younger than 5 Years in the Outpatient Setting in Suzhou, China. <i>PLoS ONE</i> , 2013, 8, e69035.	2.5	16
28	Hsa-miR-331-3p inhibits VHL expression by directly targeting its mRNA 3'-UTR in HCC cell lines. <i>Acta Biochimica Polonica</i> , 2015, 62, 77-82.	0.5	15
29	Halogen bonding matters: visible light-induced photoredox catalyst-free aryl radical formation and its applications. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 10212-10218.	2.8	15
30	Analysis and identification of SCAR molecular markers associated with birch fiber length trait. <i>Journal of Forestry Research</i> , 2008, 19, 288-292.	3.6	13
31	Acupuncture Induces Time-Dependent Remodelling Brain Network on the Stable Somatosensory First-Ever Stroke Patients: Combining Diffusion Tensor and Functional MR Imaging. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-7.	1.2	13
32	Construction of Crowning $\beta$ -cyclodextrin with Temperature Response and Efficient Properties of Host-Guest Inclusion. <i>Langmuir</i> , 2018, 34, 11567-11574.	3.5	13
33	Characterization of a new yellow pigment from model reaction system related to garlic greening. <i>European Food Research and Technology</i> , 2010, 230, 973-979.	3.3	12
34	ZnCDs/ZnO@ZIF-8 Zeolite Composites for the Photocatalytic Degradation of Tetracycline. <i>Catalysts</i> , 2021, 11, 934.	3.5	12
35	Complete mitochondrial genome and phylogenetic analysis of <i>Rhinogobius cliffordpopei</i> (Perciformes, Gobiidae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 2473-2474.	0.4	11
36	Proteomic Landscape Has Revealed Small Rubber Particles Are Crucial Rubber Biosynthetic Machines for Ethylene-Stimulation in Natural Rubber Production. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5082.	4.1	9

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37	A new thermophilic extradiol dioxygenase promises biodegradation of catecholic pollutants. Journal of Hazardous Materials, 2022, 422, 126860.	12.4	9
38	Characterization, expression and function analysis of DAX1 gene of scallop ( <i>Chlamys farreri</i> Jones and) Tj ETQq0 0 0 ggBT /Overlock 10 T	1.2	8
39	Low-temperature processing of polymer nanoparticles for bioactive composites. Journal of Polymer Science, Part B: Polymer Physics, 2016, 54, 2514-2520.	2.1	8
40	Diversity analysis and quantification of lactic acid bacteria in traditionally fermented yaksâ€™ milk products from Tibet. Food Biotechnology, 2017, 31, 1-19.	1.5	8
41	Assay for Transposase-Accessible Chromatin Using Sequencing Analysis Reveals a Widespread Increase in Chromatin Accessibility in Psoriasis. Journal of Investigative Dermatology, 2021, 141, 1745-1753.	0.7	8
42	Study on the cross-linking process of carboxylated polyaldehyde sucrose as an anti-wrinkle finishing agent for cotton fabric. Scientific Reports, 2022, 12, 5379.	3.3	8
43	Foaming of <i>trans</i> -polyisoprene using N <sub>2</sub> as the blowing agent. Polymers for Advanced Technologies, 2018, 29, 716-725.	3.2	7
44	Preparation of Lanthanide Ions-Doped BiPO <sub>4</sub> Nanoparticles and Fe <sup>3+</sup> Ions Assay. Journal of Nanoscience and Nanotechnology, 2018, 18, 4000-4005.	0.9	7
45	A Two-Phase Development of Fuzzy Rule-Based Model and Their Analysis. IEEE Access, 2019, 7, 80328-80341.	4.2	7
46	<i>CYP2S1</i> might regulate proliferation and immune response of keratinocyte in psoriasis. Epigenetics, 2021, 16, 618-628.	2.7	7
47	New Method to Evaluate the Crosslinking Degree of Resin Finishing Agent with Cellulose Using Kjeldahl Method and Arrhenius Formula. Processes, 2021, 9, 767.	2.8	7
48	Horseradish Peroxidase-catalyzed Template-Polymerization of Gallic Acid for the Functionalization of Silk Fabrics. Journal of Natural Fibers, 2022, 19, 9486-9499.	3.1	7
49	Effects of salt intake and potassium supplementation on renalase expression in the kidneys of Dahl salt-sensitive rats. Experimental Biology and Medicine, 2016, 241, 382-386.	2.4	6
50	Degradation of octylphenol polyethoxylates with a long ethoxylate chain using the laccase-mediated systems. Environmental Science and Pollution Research, 2021, 28, 37781-37792.	5.3	6
51	Stat3 phosphorylation is required for embryonic stem cells ground state maintenance in 2i culture media. Oncotarget, 2017, 8, 31227-31237.	1.8	6
52	Investigation of the mechanical properties of the modified poly( <i>p</i> -phenylene benzobisoxazole) fibers based on 2-(4-aminophenyl)-1 <i>H</i> -benzimidazol-5-amine. High Performance Polymers, 2018, 30, 511-518.	1.8	5
53	Improving the anti-wrinkle and hydrophilicity performance of cotton fabric via crosslinking cellulose with carboxylated polyaldehyde trehalose. Cellulose, 2021, 28, 5135-5149.	4.9	5
54	Preparation, Characterization of Carboxyl Polyaldehyde Sugars and Application as Innovative Anti-crease Finishing Agents for Cotton Fabric. Journal of Natural Fibers, 2022, 19, 10564-10571.	3.1	5

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55	Effect on garlic greening and thermal stability of 1-(2-hydroxybenzene-1-carboxy-ethyl) pyrrole. European Food Research and Technology, 2011, 232, 389-395.	3.3	4
56	Micro/nanocellular polypropylene/trans-1,4-polyisoprene (PP/TPI) blend foams by using supercritical nitrogen as blowing agent. Polymer Engineering and Science, 2020, 60, 211-217.	3.1	4
57	Dioscin Ameliorates Hyperuricemia-Induced Atherosclerosis by Modulating of Cholesterol Metabolism through FXR-Signaling Pathway. Nutrients, 2022, 14, 1983.	4.1	4
58	Synthesis and characterization of Er:Yb3Al5O12 nanopowder. Russian Journal of Physical Chemistry A, 2015, 89, 2263-2266.	0.6	3
59	Expression of P2X1 receptors in somatostatin-containing cells in mouse gastrointestinal tract and pancreatic islets of both mouse and human. Purinergic Signalling, 2018, 14, 285-298.	2.2	3
60	Improving the Dyeability and Anti-Wrinkle Properties of Cotton Fabric via Oxidized Raffinose. Applied Sciences (Switzerland), 2021, 11, 4641.	2.5	3
61	A multiphase DMOC-based trajectory optimization method. Optimal Control Applications and Methods, 2018, 39, 114-129.	2.1	2
62	Cadmium sulfate induces apoptosis in planarians. Environmental Science and Pollution Research, 2020, 27, 39308-39316.	5.3	2
63	A useful valence-alterable optical probe for the prediction of material characteristics based on theoretical calculations. Physical Chemistry Chemical Physics, 2020, 22, 18711-18721.	2.8	2
64	Microstructure, Mechanical Properties and Strain Hardening Behavior of Alternative $\pm/\hat{1}^2$ Mg-Li Composite Sheets Prepared by Accumulative Roll Bonding. Metals and Materials International, 0, , 1.	3.4	2
65	Regulatory Mechanism of the Constitutive Photomorphogenesis 9 Signalosome Complex in Response to Abiotic Stress in Plants. Journal of Agricultural and Food Chemistry, 2022, 70, 2777-2788.	5.2	2
66	A Unique Multi-functional Landmark for Autonomous Navigation. , 2009, , .		1
67	Three dimensional Boolean operation based on L-Rep model. , 2010, , .		1
68	Variations existing in protein-coding genes of the complete mitochondrial genomes of two highly morphological similarity fish: Periophthalmus magnuspinnatus and P. modestus (Perciformes.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 217		1
69	Genomic DNA methylation in HLA-Cw*0602 carriers and non-carriers of psoriasis. Journal of Dermatological Science, 2020, 99, 23-29.	1.9	1
70	Does the Personality of Patients with Parkinson's Disease Affect the Decision to Perform Deep Brain Stimulation Surgery? A Cross-Sectional Study in a Chinese Cohort. Behavioural Neurology, 2021, 2021, 1-6.	2.1	1
71	Relationship between Anti-Wrinkle Property of Cotton Fabrics and Crosslinking Properties of Glycosyl Polyaldehydes and Polyuronic Acids Finishing Agents: A Molecular Simulation Study. Applied Sciences (Switzerland), 2021, 11, 10994.	2.5	1
72	The heat transfer characteristics of the jacket-type radial heat pipe. , 2013, , .		0

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73	Dual-band ordered and disordered metamaterial absorber. , 2016, , .		0
74	Experimental results on the tunable superradiate THz radiation from the undulator in Tsinghua University beamline. , 2017, , .		0
75	Hole-Induced Spontaneous Mutual Annihilation of Dislocation Pairs. Journal of Physical Chemistry Letters, 2019, 10, 7421-7425.	4.6	0