

Pengfei Wang

List of Publications by Year in descending order

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106
papers

4,655
citations

117625

34
h-index

114465

63
g-index

106
all docs

106
docs citations

106
times ranked

7207
citing authors

#	ARTICLE	IF	CITATIONS
1	Trabectedin in Cancers: Mechanisms and Clinical Applications. <i>Current Pharmaceutical Design</i> , 2022, 28, 1949-1965.	1.9	6
2	Folic Acid-Modified Erythrocyte Membrane Loading Dual Drug for Targeted and Chemo-Photothermal Synergistic Cancer Therapy. <i>Molecular Pharmaceutics</i> , 2021, 18, 386-402.	4.6	22
3	Construction of Surface-Modified Polydopamine Nanoparticles for Sequential Drug Release and Combined Chemo-Photothermal Cancer Therapy. <i>Molecular Pharmaceutics</i> , 2021, 18, 1327-1343.	4.6	27
4	Study on the protective effects of danshen-honghua herb pair (DHHP) on myocardial ischaemia/reperfusion injury (MIRI) and potential mechanisms based on apoptosis and mitochondria. <i>Pharmaceutical Biology</i> , 2021, 59, 333-344.	2.9	9
5	Modeling and solving the optimal allocation-pricing of public parking resources problem in urban-scale network. <i>Transportation Research Part B: Methodological</i> , 2020, 137, 74-98.	5.9	14
6	How can CMIP5 AGCMs' resolution influence precipitation in mountain areas: the Hengduan Mountains?. <i>Climate Dynamics</i> , 2020, 54, 159-172.	3.8	11
7	Does intraday time-series momentum exist in Chinese stock index futures market?. <i>Finance Research Letters</i> , 2020, 35, 101292.	6.7	11
8	Investor Sentiment and the Return Rate of P2P Lending Platform. <i>Asia-Pacific Financial Markets</i> , 2020, 27, 97-113.	2.4	8
9	The <i>PLAG1</i> mRNA expression analysis among genetic variants and relevance to growth traits in Chinese cattle. <i>Animal Biotechnology</i> , 2020, 31, 504-511.	1.5	7
10	A three-factor pricing model for cryptocurrencies. <i>Finance Research Letters</i> , 2020, 34, 101248.	6.7	69
11	Effects of Cytotoxic T Lymphocyte-Associated Antigen 4 Immunoglobulin Combined with Microbubble-Mediated Irradiation on Hemodynamics of the Renal Artery in Rats with Diabetic Nephropathy. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 703-711.	1.5	1
12	Programmable Assembly of DNA-protein Hybrid Structures. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 211-218.	2.6	4
13	Suppressive activities of mangiferin on human epithelial ovarian cancer. <i>Phytomedicine</i> , 2020, 76, 153267.	5.3	28
14	Thrombospondin-1 as a Potential Therapeutic Target: Multiple Roles in Cancers. <i>Current Pharmaceutical Design</i> , 2020, 26, 2116-2136.	1.9	17
15	Bimetallic Catalyzed N-arylation Used in Synthesis of Novel β^2 -carbolines Derivatives. <i>Letters in Drug Design and Discovery</i> , 2020, 17, 520-525.	0.7	0
16	Experimental Evidence for "Hot Exciton" Thermally Activated Delayed Fluorescence Emitters. <i>Advanced Optical Materials</i> , 2019, 7, 1801190.	7.3	56
17	Functionalized Acrylonitriles with Aggregation-Induced Emission: Structure Tuning by Simple Reaction-Condition Variation, Efficient Red Emission, and Two-Photon Bioimaging. <i>Journal of the American Chemical Society</i> , 2019, 141, 15111-15120.	13.7	155
18	Directly Pumped Ho ³⁺ -Doped Microspheres Lasing at $2.0\text{-}\mu\text{m}$. <i>IEEE Photonics Technology Letters</i> , 2019, 31, 1366-1368.	2.5	8

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19	Dominant modes of CMIP3/5 models simulating northwest Pacific circulation anomalies during post-ENSO summer and their SST dependence. <i>Theoretical and Applied Climatology</i> , 2019, 138, 1809-1820.	2.8	5
20	DNA nanostructures from double-C-shaped motifs with controllable twist and curvature. <i>Nanoscale</i> , 2019, 11, 14569-14572.	5.6	3
21	Deep-Red/Near-Infrared Electroluminescence from Single-Component Charge-Transfer Complex via Thermally Activated Delayed Fluorescence Channel. <i>Advanced Functional Materials</i> , 2019, 29, 1903112.	14.9	59
22	Do analyst recommendations matter for rival companies?. <i>International Review of Financial Analysis</i> , 2019, 65, 101380.	6.6	3
23	Programmable DNA Nanoindicator-Based Platform for Large-Scale Square Root Logic Biocomputing. <i>Small</i> , 2019, 15, e1903489.	10.0	23
24	Responses of PM2.5 and O3 concentrations to changes of meteorology and emissions in China. <i>Science of the Total Environment</i> , 2019, 662, 297-306.	8.0	167
25	Canine edge width and height affect dental esthetics in maxillary canine substitution treatment. <i>Progress in Orthodontics</i> , 2019, 20, 16.	3.5	8
26	Modeling and load follow simulation of CPR1000 Nuclear Power Plant implementing Mechanical Shim control strategy. <i>Nuclear Engineering and Design</i> , 2019, 352, 110161.	1.7	8
27	Magnetic Plasmon Networks Programmed by Molecular Self-Assembly. <i>Advanced Materials</i> , 2019, 31, e1901364.	21.0	47
28	Local and regional contributions to fine particulate matter in the 18 cities of Sichuan Basin, southwestern China. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 5791-5803.	4.9	47
29	Unraveling the Interfacial Charge Migration Pathway at the Atomic Level in a Highly Efficient Z-scheme Photocatalyst. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11329-11334.	13.8	152
30	Solution-processed white organic light-emitting diodes with bi-component emitting layer based on symmetry blue spiro-sulfone derivative. <i>Organic Electronics</i> , 2019, 71, 24-30.	2.6	19
31	Simulation of summer ozone and its sensitivity to emission changes in China. <i>Atmospheric Pollution Research</i> , 2019, 10, 1543-1552.	3.8	38
32	Is cryptocurrency a hedge or a safe haven for international indices? A comprehensive and dynamic perspective. <i>Finance Research Letters</i> , 2019, 31, 1-18.	6.7	124
33	Dynamic DNA Structures. <i>Small</i> , 2019, 15, e1900228.	10.0	76
34	Trading volume and return volatility of Bitcoin market: evidence for the sequential information arrival hypothesis. <i>Journal of Economic Interaction and Coordination</i> , 2019, 14, 377-418.	0.7	14
35	Substitution Conformation Balances the Oscillator Strength and Singlet-Triplet Energy Gap for Highly Efficient D-Termally Activated Delayed Fluorescence Emitters. <i>Advanced Optical Materials</i> , 2019, 7, 1801767.	7.3	29
36	Intermolecular Interaction-Induced Thermally Activated Delayed Fluorescence Based on a Thiochromone Derivative. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 1888-1893.	4.6	23

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37	Mixed alkali effects in Er ³⁺ -doped borate glasses: Influence on physical, mechanical, and photoluminescence properties. <i>Journal of the American Ceramic Society</i> , 2019, 102, 4562-4572.	3.8	4
38	Modeling Temporal Dynamics of Users'™ Purchase Behaviors for Next Basket Prediction. <i>Journal of Computer Science and Technology</i> , 2019, 34, 1230-1240.	1.5	10
39	Programming DNA Tube Circumference by Tile Offset Connection. <i>Journal of the American Chemical Society</i> , 2019, 141, 19529-19532.	13.7	11
40	Prevalence and Characteristics of <i>Listeria ivanovii</i> Strains in Wild Rodents in China. <i>Vector-Borne and Zoonotic Diseases</i> , 2019, 19, 8-15.	1.5	15
41	A whole-cell electron tomography model of vacuole biogenesis in Arabidopsis root cells. <i>Nature Plants</i> , 2019, 5, 95-105.	9.3	89
42	Atomic Insights for Optimum and Excess Doping in Photocatalysis: A Case Study of Few-Layer Cu ₂ ZnIn ₂ S ₄ . <i>Advanced Functional Materials</i> , 2019, 29, 1807013.	14.9	165
43	Does twitter predict Bitcoin?. <i>Economics Letters</i> , 2019, 174, 118-122.	1.9	250
44	Characterization and source apportionment of marine aerosols over the East China Sea. <i>Science of the Total Environment</i> , 2019, 651, 2679-2688.	8.0	17
45	Optimization of shear thickening fluid encapsulation technique and dynamic response of encapsulated capsules and polymeric composite. <i>Composites Science and Technology</i> , 2019, 170, 165-173.	7.8	22
46	Development of a decoupling physical-chemical surrogate (DPCS) model for simulation of the spray and combustion of multi-component biodiesel fuels. <i>Fuel</i> , 2019, 240, 16-30.	6.4	15
47	Efficient velocity estimation for MAVs by fusing motion from two frontally parallel cameras. <i>Journal of Real-Time Image Processing</i> , 2019, 16, 2367-2378.	3.5	5
48	Enhanced photocatalytic bactericidal performance and mechanism with novel Ag/ZnO/g-C ₃ N ₄ composite under visible light. <i>Catalysis Today</i> , 2019, 330, 179-188.	4.4	83
49	Overexpression of IGF2BP3 as a Potential Oncogene in Ovarian Clear Cell Carcinoma. <i>Frontiers in Oncology</i> , 2019, 9, 1570.	2.8	24
50	Strain independent twist sensor based on uneven platinum coated hollow core fiber structure. <i>Optics Express</i> , 2019, 27, 19726.	3.4	7
51	Tm ³⁺ -Ho ³⁺ codoped tellurite glass microsphere laser in the 1470 nm wavelength region. <i>Optics Letters</i> , 2019, 44, 511.	3.3	16
52	Sub-micrometer resolution liquid level sensor based on a hollow core fiber structure. <i>Optics Letters</i> , 2019, 44, 2125.	3.3	40
53	In-fiber temperature sensor based on green up-conversion luminescence in an Er ³⁺ -Yb ³⁺ co-doped tellurite glass microsphere. <i>Optics Letters</i> , 2019, 44, 3214.	3.3	18
54	4Å—288Gb/s Orthogonal Offset Carriers Assisted PDM Twin-SSB WDM Transmission with Direct Detection. , 2019, , .		1

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55	Effect of Ba(PO ₃) ₂ addition on the optical properties of Tm ³⁺ -doped fluorophosphate glasses. <i>Optical Materials Express</i> , 2019, 9, 1233.	3.0	3
56	The dynamic mechanical properties of magnetorheological elastomers under high strain rate. <i>Composites Science and Technology</i> , 2018, 159, 50-58.	7.8	36
57	Searching for an exotic spin-dependent interaction with a single electron-spin quantum sensor. <i>Nature Communications</i> , 2018, 9, 739.	12.8	54
58	Red emissive fluorescent probe for the rapid detection of selenocysteine. <i>Sensors and Actuators B: Chemical</i> , 2018, 264, 234-239.	7.8	15
59	Highly efficient white light-emitting diodes with a bi-component emitting layer based on blue and yellow thermally activated delayed fluorescence emitters. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2951-2956.	5.5	26
60	Cobalt phosphide nanowires as efficient co-catalyst for photocatalytic hydrogen evolution over Zn _{0.5} Cd _{0.5} S. <i>Applied Catalysis B: Environmental</i> , 2018, 230, 210-219.	20.2	142
61	HOXA9 inhibits HIF-1 α -mediated glycolysis through interacting with CRIP2 to repress cutaneous squamous cell carcinoma development. <i>Nature Communications</i> , 2018, 9, 1480.	12.8	90
62	Meta-analysis of the prognostic value of the neutrophil-to-lymphocyte ratio in oral squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , 2018, 47, 353-358.	2.7	21
63	Ultrafast ion sieving using nanoporous polymeric membranes. <i>Nature Communications</i> , 2018, 9, 569.	12.8	197
64	Impact resistance of shear thickening fluid/Kevlar composite treated with shear-stiffening gel. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 106, 82-90.	7.6	132
65	Synergizing Appearance and Motion With Low Rank Representation for Vehicle Counting and Traffic Flow Analysis. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2018, 19, 2675-2685.	8.0	23
66	Novel thioxanthone host material with thermally activated delayed fluorescence for reduced efficiency roll-off of phosphorescent OLEDs. <i>Chinese Chemical Letters</i> , 2018, 29, 471-474.	9.0	14
67	The dependence on atmospheric resolution of ENSO and related East Asian-western North Pacific summer climate variability in a coupled model. <i>Theoretical and Applied Climatology</i> , 2018, 133, 1207-1217.	2.8	5
68	Understanding the charge separation and transfer in mesoporous carbonate-doped phase-junction TiO ₂ nanotubes for photocatalytic hydrogen production. <i>Applied Catalysis B: Environmental</i> , 2018, 225, 433-444.	20.2	48
69	AgBr/g-C ₃ N ₄ nanocomposites for enhanced visible-light-driven photocatalytic inactivation of <i>Escherichia coli</i> . <i>RSC Advances</i> , 2018, 8, 34428-34436.	3.6	15
70	Ultra-fine surface solid-state electrolytes for long cycle life all-solid-state lithium-air batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 21248-21254.	10.3	76
71	Global Methylome and gene expression analysis during early Peanut pod development. <i>BMC Plant Biology</i> , 2018, 18, 352.	3.6	16
72	Analyses of long non-coding RNA and mRNA profiling in the spleen of diarrheic piglets caused by <i>Clostridium perfringens</i> type C. <i>PeerJ</i> , 2018, 6, e5997.	2.0	21

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73	Design and operation of reconfigurable two-dimensional DNA molecular arrays. <i>Nature Protocols</i> , 2018, 13, 2312-2329.	12.0	30
74	Interface Exciplex Anchoring the Color Stability of Solution-Processed Thermally Activated Delayed Fluorescent White Organic Light-Emitting Diodes. <i>Advanced Optical Materials</i> , 2018, 6, 1800978.	7.3	34
75	Circular RNA expression profile of spleen in a <i>Clostridium perfringens</i> type C-induced piglet model of necrotizing enteritis. <i>FEBS Open Bio</i> , 2018, 8, 1722-1732.	2.3	26
76	The multidecadal variations of the interannual relationship between the East Asian summer monsoon and ENSO in a coupled model. <i>Climate Dynamics</i> , 2018, 51, 1671-1686.	3.8	21
77	Comparison of fruit organic acids and metabolism-related gene expression between <i>Cerasus humilis</i> (Bge.) Sok and <i>Cerasus glandulosa</i> (Thunb.) Lois. <i>PLoS ONE</i> , 2018, 13, e0196537.	2.5	15
78	In-fiber whispering-gallery mode microsphere resonator-based integrated device. <i>Optics Letters</i> , 2018, 43, 3961.	3.3	27
79	Identification and characterization of microRNA in the lung tissue of pigs with different susceptibilities to PCV2 infection. <i>Veterinary Research</i> , 2018, 49, 18.	3.0	24
80	Structural Insights into the CRTC2-CREB Complex Assembly on CRE. <i>Journal of Molecular Biology</i> , 2018, 430, 1926-1939.	4.2	16
81	The chloroplast genome of <i>Cerasus humilis</i> : Genomic characterization and phylogenetic analysis. <i>PLoS ONE</i> , 2018, 13, e0196473.	2.5	15
82	Data Mining Based Modeling and Application of Mobile Video Service Awareness. <i>Lecture Notes in Electrical Engineering</i> , 2018, , 389-396.	0.4	14
83	High-speed Faster-than-Nyquist Optical Transmission. , 2018, , .		0
84	A 12-month longitudinal study of <i>Listeria monocytogenes</i> contamination and persistence in pork retail markets in China. <i>Food Control</i> , 2017, 76, 66-73.	5.5	31
85	The fundamental role and mechanism of reduced graphene oxide in rGO/Pt-TiO ₂ nanocomposite for high-performance photocatalytic water splitting. <i>Applied Catalysis B: Environmental</i> , 2017, 207, 335-346.	20.2	165
86	Water-Soluble Polythiophene for Two-Photon Excitation Fluorescence Imaging and Photodynamic Therapy of Cancer. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 14590-14595.	8.0	49
87	The correlation of lymphocyte subsets, natural killer cell, and Parkinson's disease: a meta-analysis. <i>Neurological Sciences</i> , 2017, 38, 1373-1380.	1.9	83
88	Two-photon-excited near-infrared emissive carbon dots as multifunctional agents for fluorescence imaging and photothermal therapy. <i>Nano Research</i> , 2017, 10, 3113-3123.	10.4	246
89	Reconfiguration of DNA molecular arrays driven by information relay. <i>Science</i> , 2017, 357, .	12.6	160
90	Distinct global warming rates tied to multiple ocean surface temperature changes. <i>Nature Climate Change</i> , 2017, 7, 486-491.	18.8	76

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91	Polymer nanoparticles with high photothermal conversion efficiency as robust photoacoustic and thermal theranostics. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2832-2839.	5.8	37
92	Versatile Polymer Nanoparticles as Two-Photon-Triggered Photosensitizers for Simultaneous Cellular, Deep-Tissue Imaging, and Photodynamic Therapy. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601431.	7.6	35
93	Detection and differentiation of influenza viruses with glycan-functionalized gold nanoparticles. <i>Biosensors and Bioelectronics</i> , 2017, 91, 46-52.	10.1	49
94	Systemic Delivery of Bc12-Targeting siRNA by DNA Nanoparticles Suppresses Cancer Cell Growth. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16023-16027.	13.8	105
95	Frequent heteroplasmy and recombination in the mitochondrial genomes of the basidiomycete mushroom <i>Thelephora ganbajun</i> . <i>Scientific Reports</i> , 2017, 7, 1626.	3.3	18
96	Pore structure characterization for organic-rich Lower Silurian shale in the Upper Yangtze Platform, South China: A possible mechanism for pore development. <i>Journal of Natural Gas Science and Engineering</i> , 2017, 46, 1-15.	4.4	138
97	Detection of programmed death ligand 1 protein and CD8+ lymphocyte infiltration in plurihormonal pituitary adenomas. <i>Medicine (United States)</i> , 2017, 96, e9056.	1.0	13
98	Practical aspects of structural and dynamic DNA nanotechnology. <i>MRS Bulletin</i> , 2017, 42, 889-896.	3.5	23
99	Encapsulation of shear thickening fluid as an easy-to-apply impact-resistant material. <i>Journal of Materials Chemistry A</i> , 2017, 5, 22472-22479.	10.3	37
100	n-Doping-induced efficient electron-injection for high efficiency inverted organic light-emitting diodes based on thermally activated delayed fluorescence emitter. <i>Journal of Materials Chemistry C</i> , 2017, 5, 8400-8407.	5.5	29
101	Asymmetry in summertime atmospheric circulation anomalies over the northwest Pacific during decaying phase of El Niño and La Niña. <i>Climate Dynamics</i> , 2017, 49, 2007-2023.	3.8	31
102	Bismuth-doped glass microsphere lasers. <i>Photonics Research</i> , 2017, 5, 740.	7.0	28
103	The complete mitochondrial genome of the edible Basidiomycete mushroom <i>Phlebopus portentosus</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2017, 2, 696-697.	0.4	2
104	An experimental study on thermal radiation of fire whirl. <i>International Journal of Wildland Fire</i> , 2017, 26, 693.	2.4	22
105	Cloning and characterization of the <i>Cerasus humilis</i> sucrose phosphate synthase gene (ChSPS1). <i>PLoS ONE</i> , 2017, 12, e0186650.	2.5	6
106	A simple one-pot synthesis of quinoline-4-carboxylic acid derivatives by Pfitzinger reaction of isatin with ketones in water. <i>Monatshfte für Chemie</i> , 2013, 144, 391-394.	1.8	26