

Le Wang

List of Publications by Year in descending order

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66
papers

2,896
citations

257450

24
h-index

175258

52
g-index

67
all docs

67
docs citations

67
times ranked

4401
citing authors

#	ARTICLE	IF	CITATIONS
19	Observation of Spin-Momentum-Layer Locking in a Centrosymmetric Crystal. <i>Physical Review Letters</i> , 2021, 127, 126402.	7.8	12
20	Pressure-Enhanced Ferromagnetism in Layered CrSiTe ₃ Flakes. <i>Nano Letters</i> , 2021, 21, 7946-7952.	9.1	20
21	Field-induced quantum spin disordered state in spin-1/2 honeycomb magnet Na ₂ Co ₂ TeO ₆ . <i>Nature Communications</i> , 2021, 12, 5559.	12.8	57
22	Evidence of Weyl fermions in RuBi_2 . <i>Physical Review B</i> , 2021, 103, .	12.2	12
23	Fluorescent and Antibacterial Aminobenzenboronic Acid (ABA)-Modified Gold Nanoclusters for Self-Monitoring Residual Dosage and Smart Wound Care. <i>ACS Nano</i> , 2021, 15, 17885-17894.	14.6	42
24	Facile Synthesis of Size-Controlled ZSM-22 Zeolite along the [001] Direction via Two-Step Crystallization. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 17006-17015.	3.7	8
25	Dzyaloshinskii-Moriya anisotropy effect on field-induced magnon condensation in the kagome antiferromagnet $\text{Ru}_2\text{V}_2\text{O}_7$. <i>Physical Review B</i> , 2021, 104, .	3.2	0
26	Heat Transport in Herbertsmithite: Can a Quantum Spin Liquid Survive Disorder?. <i>Physical Review Letters</i> , 2021, 127, 267202.	7.8	20
27	Wafer-scale integration of stretchable semiconducting polymer microstructures via capillary gradient. <i>Nature Communications</i> , 2021, 12, 7038.	12.8	23
28	Magnetic Order-Induced Polarization Anomaly of Raman Scattering in 2D Magnet CrI ₃ . <i>Nano Letters</i> , 2020, 20, 729-734.	9.1	52
29	Orbital-fluctuation freezing and magnetic-nonmagnetic phase transition in TiBr_3 . <i>Applied Physics Letters</i> , 2020, 117, 133103.	3.3	6
30	Probing the Ferromagnetism and Spin Wave Gap in V_2O_3 by Helicity-Resolved Raman Spectroscopy. <i>Nano Letters</i> , 2020, 20, 6024-6031.	9.1	32
31	Pressure-Dependent Intermediate Magnetic Phase in Thin Fe ₃ GeTe ₂ Flakes. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 7313-7319.	4.6	18
32	Mercaptophenylboronic Acid-Activated Gold Nanoparticles as Nanoantibiotics against Multidrug-Resistant Bacteria. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 51148-51159.	8.0	38
33	Magnetic Raman continuum in single-crystalline $\text{Li}_3\text{V}_2\text{O}_7$. <i>Physical Review B</i> , 2020, 101, .	3.1	1
34	Supramolecular assemblies mimicking neutrophil extracellular traps for MRSE infection control. <i>Biomaterials</i> , 2020, 253, 120124.	11.4	22
35	The Density of Surface Coating Can Contribute to Different Antibacterial Activities of Gold Nanoparticles. <i>Nano Letters</i> , 2020, 20, 5036-5042.	9.1	90
36	Suppression of cancer proliferation and metastasis by a versatile nanomedicine integrating photodynamic therapy, photothermal therapy, and enzyme inhibition. <i>Acta Biomaterialia</i> , 2020, 113, 541-553.	8.3	8

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37	Rapid Fabrication of Self-Healing, Conductive, and Injectable Gel as Dressings for Healing Wounds in Stretchable Parts of the Body. <i>Advanced Functional Materials</i> , 2020, 30, 2002370.	14.9	146
38	Small molecule-decorated gold nanoparticles for preparing antibiofilm fabrics. <i>Nanoscale Advances</i> , 2020, 2, 2293-2302.	4.6	28
39	Probing the continuum scattering and magnetic collapse in single-crystalline $L_{2-x}Ir_xO_3$ by Raman spectroscopy. <i>Physical Review B</i> , 2020, 101.		11
40	Titanium Incorporation into Zr-Porphyrinic Metal-Organic Frameworks with Enhanced Antibacterial Activity against Multidrug-Resistant Pathogens. <i>Small</i> , 2020, 16, e1906240.	10.0	116
41	Detection of Circulating Tumor Cells by Fluorescence Microspheres-Mediated Amplification. <i>Analytical Chemistry</i> , 2020, 92, 6968-6976.	6.5	29
42	Benzeneselenol-modified gold nanoclusters for cancer therapy. <i>Chemical Communications</i> , 2020, 56, 6664-6667.	4.1	16
43	A Video-Based Deep-SVM School Violence Detecting Algorithm. <i>Sensors</i> , 2020, 20, 2018.	3.8	9
44	Delivery of CRISPR/Cas9 by Novel Strategies for Gene Therapy. <i>ChemBioChem</i> , 2019, 20, 634-643.	2.6	48
45	Triple-Targeting Delivery of CRISPR/Cas9 To Reduce the Risk of Cardiovascular Diseases. <i>Angewandte Chemie</i> , 2019, 131, 12534-12538.	2.0	13
46	Triple-Targeting Delivery of CRISPR/Cas9 To Reduce the Risk of Cardiovascular Diseases. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12404-12408.	13.8	107
47	Thermo-triggered Release of CRISPR-Cas9 System by Lipid-Encapsulated Gold Nanoparticles for Tumor Therapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1491-1496.	13.8	306
48	Reverse Reconstruction and Bioprinting of Bacterial Cellulose-Based Functional Total Intervertebral Disc for Therapeutic Implantation. <i>Small</i> , 2018, 14, 1702582.	10.0	51
49	Thermo-triggered Release of CRISPR-Cas9 System by Lipid-Encapsulated Gold Nanoparticles for Tumor Therapy. <i>Angewandte Chemie</i> , 2018, 130, 1507-1512.	2.0	17
50	N-Doped Hollow Porous Carbon Spheres/Bismuth Hybrid Film Modified Electrodes for Sensitive Voltammetric Determination of Trace Cadmium. <i>Electroanalysis</i> , 2018, 30, 1906-1912.	2.9	9
51	Bacterial Cellulose as a Supersoft Neural Interfacing Substrate. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 33049-33059.	8.0	58
52	A Bifunctional Aggregation-Induced Emission Luminogen for Monitoring and Killing of Multidrug-Resistant Bacteria. <i>Advanced Functional Materials</i> , 2018, 28, 1804632.	14.9	105
53	A Combined Motion-Audio School Bullying Detection Algorithm. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2018, 32, 1850046.	1.2	15
54	Three-dimensional carbon nanofiber derived from bacterial cellulose for use in a Nafion matrix on a glassy carbon electrode for simultaneous voltammetric determination of trace levels of Cd(II) and Pb(II). <i>Mikrochimica Acta</i> , 2017, 184, 2759-2766.	5.0	25

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55	Divergent Coupling of β,γ -Unsaturated α -Ketoesters with Simple Olefins: Vinylation and [2 + 2] Cycloaddition. <i>Organic Letters</i> , 2017, 19, 3366-3369.	4.6	12
56	Pharmaceutical Intermediate-Modified Gold Nanoparticles: Against Multidrug-Resistant Bacteria and Wound-Healing Application via an Electrospun Scaffold. <i>ACS Nano</i> , 2017, 11, 5737-5745.	14.6	307
57	Synergistic Effects between Atomically Dispersed Fe ⁰ /C and Co ⁰ /C for the Oxygen Reduction Reaction in Acidic Media. <i>Angewandte Chemie</i> , 2017, 129, 13988-13992.	2.0	88
58	Synergistic Effects between Atomically Dispersed Fe ⁰ /C and Co ⁰ /C for the Oxygen Reduction Reaction in Acidic Media. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13800-13804.	13.8	409
59	Small Molecular TGF- β 1-Inhibitor-Loaded Electrospun Fibrous Scaffolds for Preventing Hypertrophic Scars. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32545-32553.	8.0	53
60	Catalytic Regio- and Enantioselective [4+2] Annulation Reactions of Non-activated Allenes by a Chiral Cationic Indium Complex. <i>Angewandte Chemie</i> , 2017, 129, 11007-11011.	2.0	2
61	Catalytic Regio- and Enantioselective [4+2] Annulation Reactions of Non-activated Allenes by a Chiral Cationic Indium Complex. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10867-10871.	13.8	37
62	Protic salt-based nitrogen-doped mesoporous carbon for simultaneous electrochemical detection of Cd(II) and Pb(II). <i>RSC Advances</i> , 2017, 7, 36929-36934.	3.6	4
63	Biomimetic nanofibers can construct effective tissue-engineered intervertebral discs for therapeutic implantation. <i>Nanoscale</i> , 2017, 9, 13095-13103.	5.6	45
64	Ecofriendly fabrication of ultrathin colorful fibers via UV-assisted solventless electrospinning. <i>RSC Advances</i> , 2016, 6, 86597-86601.	3.6	11
65	Solvent-free electrospinning of UV curable polymer microfibers. <i>RSC Advances</i> , 2016, 6, 29423-29427.	3.6	26
66	Melt electrospinning of poly(lactic acid) and polycaprolactone microfibers by using a hand-operated Wimshurst generator. <i>Nanoscale</i> , 2015, 7, 16611-16615.	5.6	61