

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
1	Synergistic Effects between Atomically Dispersed Fe ²⁺ /N ² C and C ²⁺ /S ² C for the Oxygen Reduction Reaction in Acidic Media. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13800-13804.	13.8	409
2	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
3	Thermally-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
4	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
5	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
6	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
7	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
8	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
9	Synergistic Effects between Atomically Dispersed Fe ²⁺ /N ² C and C ²⁺ /S ² C for the Oxygen Reduction Reaction in Acidic Media. <i>Angewandte Chemie</i> , 2017, 129, 13988-13992.	2.0	88
10	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
11	Bacterial Cellulose as a Supersoft Neural Interfacing Substrate. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 33049-33059.	8.0	58
12	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
13	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
14	Magnetic Order-Induced Polarization Anomaly of Raman Scattering in 2D Magnet CrI ₃ . <i>Nano Letters</i> , 2020, 20, 729-734.	9.1	52
15	Reverse Reconstruction and Bioprinting of Bacterial Cellulose-based Functional Total Intervertebral Disc for Therapeutic Implantation. <i>Small</i> , 2018, 14, 1702582.	10.0	51
16	Delivery of CRISPR/Cas9 by Novel Strategies for Gene Therapy. <i>ChemBioChem</i> , 2019, 20, 634-643.	2.6	48
17	Reversing Bacterial Resistance to Gold Nanoparticles by Size Modulation. <i>Nano Letters</i> , 2021, 21, 1992-2000.	9.1	46
18	Biomimetic nanofibers can construct effective tissue-engineered intervertebral discs for therapeutic implantation. <i>Nanoscale</i> , 2017, 9, 13095-13103.	5.6	45

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19	Fluorescent and Antibacterial Aminobenzeneboronic 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
20	Mercaptophenylboronic Acid-Activated Gold Nanoparticles as Nanoantibiotics against Multidrug-Resistant Bacteria. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 51148-51159.	8.0	38
21	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
22	Probing the Ferromagnetism and Spin Wave Gap in V_3 by Helicity-Resolved Raman Spectroscopy. <i>Nano Letters</i> , 2020, 20, 6024-6031.	9.1	32
23	Detection of Circulating Tumor Cells by Fluorescence Microspheres-Mediated Amplification. <i>Analytical Chemistry</i> , 2020, 92, 6968-6976.	6.5	29
24	Small molecule-decorated gold nanoparticles for preparing antibiofilm fabrics. <i>Nanoscale Advances</i> , 2020, 2, 2293-2302.	4.6	28
25	Oral Administration of Starting Materials for <i>In Vivo</i> Synthesis of Antibacterial Gold Nanoparticles for Curing Remote Infections. <i>Nano Letters</i> , 2021, 21, 1124-1131.	9.1	27
26	Solvent-free electrospinning of UV curable polymer microfibers. <i>RSC Advances</i> , 2016, 6, 29423-29427.	3.6	26
27	Methyltransferase like 7B is a potential therapeutic target for reversing EGFR-TKIs resistance in lung adenocarcinoma. <i>Molecular Cancer</i> , 2022, 21, 43.	19.2	26
28	Aminophenol-Decorated Gold Nanoparticles for Curing Bacterial Infections. <i>Nano Letters</i> , 2022, 22, 3576-3582.	9.1	26
29	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
30	Enhancing Dye-Triplet-Sensitized Upconversion Emission Through the Heavy-Atom Effect in $CsLu_2F_7:Yb/Er$ Nanoprobes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	24
31	Wafer-scale integration of stretchable semiconducting polymer microstructures via capillary gradient. <i>Nature Communications</i> , 2021, 12, 7038.	12.8	23
32	Supramolecular assemblies mimicking neutrophil extracellular traps for MRSE infection control. <i>Biomaterials</i> , 2020, 253, 120124.	11.4	22
33	Magnetic order in XY-type antiferromagnetic monolayer $CoPS_3$ revealed by Raman spectroscopy. <i>Physical Review B</i> , 2021, 103, .	10.2	20
34	Pressure-Enhanced Ferromagnetism in Layered $CrSiTe_3$ Flakes. <i>Nano Letters</i> , 2021, 21, 7946-7952.	9.1	20
35	Heat Transport in Herbertsmithite: Can a Quantum Spin Liquid Survive Disorder?. <i>Physical Review Letters</i> , 2021, 127, 267202.	7.8	20
36	Pressure-Dependent Intermediate Magnetic Phase in Thin Fe_3GeTe_2 Flakes. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 7313-7319.	4.6	18

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37	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
38	Dynamic fingerprint of fractionalized excitations in single-crystalline Cu ₃ Zn(OH) ₆ FBr. <i>Nature Communications</i> , 2021, 12, 3048.	12.8	17
39	Benzeneselenol-modified gold nanoclusters for cancer therapy. <i>Chemical Communications</i> , 2020, 56, 6664-6667.	4.1	16
40	Hard ferromagnetic behavior in atomically thin CrSiTe ₃ flakes. <i>Nanoscale</i> , 2022, 14, 5851-5858.	5.6	16
41	A Combined Motion-Audio School Bullying Detection Algorithm. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2018, 32, 1850046.	1.2	15
42	Restricting Bond Rotations by Ring Fusion: A Novel Molecular Design Strategy to Improve Photodynamic Antibacterial Efficacy of AIE Photosensitizers. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 17055-17064.	8.0	14
43	Triple-Targeting Delivery of CRISPR/Cas9 To Reduce the Risk of Cardiovascular Diseases. <i>Angewandte Chemie</i> , 2019, 131, 12534-12538.	2.0	13
44	Magnetic Raman continuum in single-crystalline H_3O^+ Li_6O_6 . <i>Physical Review B</i> , 2020, 101, .	3.2	13
45	Divergent Coupling of \hat{I}^2, \hat{I}^3 -Unsaturated \hat{I}^\pm -Ketoesters with Simple Olefins: Vinylation and [2 + 2] Cycloaddition. <i>Organic Letters</i> , 2017, 19, 3366-3369.	4.6	12
46	Observation of Spin-Momentum-Layer Locking in a Centrosymmetric Crystal. <i>Physical Review Letters</i> , 2021, 127, 126402.	7.8	12
47	Biomimetic metal-organic frameworks navigated biological bombs for efficient lung cancer therapy. <i>Journal of Colloid and Interface Science</i> , 2022, 625, 532-543.	9.4	12
48	Ecofriendly fabrication of ultrathin colorful fibers via UV-assisted solventless electrospinning. <i>RSC Advances</i> , 2016, 6, 86597-86601.	3.6	11
49	Probing the continuum scattering and magnetic collapse in single-crystalline Li_2O_3 by Raman spectroscopy. <i>Physical Review B</i> , 2020, 101, .	3.2	11
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	A Video-Based DT-SVM School Violence Detecting Algorithm. <i>Sensors</i> , 2020, 20, 2018.	3.8	9
52	Screening on-chip fabricated nanoparticles for penetrating the blood-brain barrier. <i>Nanoscale</i> , 2022, 14, 3234-3241.	5.6	9
53	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
54	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

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55	Breathable and Stretchable Dressings for Accelerating Healing of Infected Wounds. <i>Advanced Healthcare Materials</i> , 2022, 11, .	7.6	8
56	Evaluation of the <i>in vivo</i> behavior of antibacterial gold nanoparticles for potential biomedical applications. <i>Journal of Materials Chemistry B</i> , 2021, 9, 3025-3031.	5.8	7
57	Orbital-fluctuation freezing and magnetic-nonmagnetic phase transition in $\hat{\pm}$ -TiBr ₃ . <i>Applied Physics Letters</i> , 2020, 117, 133103.	3.3	6
58	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
59	Enhancing Dyeâ€³Tripletâ€³Sensitized Upconversion Emission Through the Heavyâ€³Atom Effect in CsLu ₂ F ₇ :Yb/Er Nanoprobes. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	4
60	Modulating the antibacterial activity of gold nanoparticles by balancing their monodispersity and aggregation. <i>Chemical Communications</i> , 2022, 58, 7690-7693.	4.1	4
61	Single-crystal growth and magnetic anisotropy in PrFe ₂ Ga ₈ . <i>Journal of Physics Condensed Matter</i> , 2022, 34, 165601.	1.8	3
62	Aminophenol-modified gold nanoparticles kill bacteria with minimal ototoxicity. <i>Chemical Communications</i> , 2022, , .	4.1	3
63	Catalytic Regioâ€³and Enantioselective [4+2] Annulation Reactions of Nonâ€³activated Allenes by a Chiral Cationic Indium Complex. <i>Angewandte Chemie</i> , 2017, 129, 11007-11011.	2.0	2
64	Evidence of Weyl fermions in $\hat{\pm}$ <i>Physical Review B</i> , 2021, 103, .	3.2	0
65	Magnetically tunable Shubnikovâ€³de Haas oscillations in $\hat{\pm}$ <i>Physical Review B</i> , 2022, 105, .	3.2	0
66	Dzyaloshinskii-Moriya anisotropy effect on field-induced magnon condensation in the kagome antiferromagnet $\hat{\pm}$ <i>Physical Review B</i> , 2021, 104, .	3.2	0