Jianlin Shi

List of Publications by Year in Descending Order

339 papers	35,865 citations	105 h-index	184 g-index
365 ext. papers	42,478 ext. citations	14.2 avg, IF	8.09 L-index

#	Paper	IF	Citations
339	Nanomedicine-enabled chemotherapy-based synergetic cancer treatments.. *Journal of Nanobiotechnology*, **2022**, 20, 4	9.4	5
338	Interfacial-confined coordination to single-atom nanotherapeutics.. *Nature Communications*, **2022**, 13, 91	17.4	11
337	Mild hyperthermia-mediated osteogenesis and angiogenesis play a critical role in magnetothermal composite-induced bone regeneration. *Nano Today*, **2022**, 43, 101401	17.9	5
336	Enhancing Tumor Catalytic Therapy by Co-Catalysis.. *Angewandte Chemie - International Edition*, **2022**,	16.4	9
335	Biodegradable and self-fluorescent ditelluride-bridged mesoporous organosilica/polyethylene glycol-curcumin nanocomposite for dual-responsive drug delivery and enhanced therapy efficiency. *Materials Today Chemistry*, **2022**, 23, 100660	6.2	2
334	An electrochemically reconstructed WC/WO2₪WO3 heterostructure as a highly efficient hydrogen oxidation electrocatalyst. *Journal of Materials Chemistry A*, **2022**, 10, 622-631	13	3
333	Microbiotic nanomedicine for tumor-specific chemotherapy-synergized innate/adaptive antitumor immunity. *Nano Today*, **2022**, 42, 101377	17.9	7
332	Nickel-Tungsten Nano-Alloying for High-Performance hydrogen Electro-Catalytic oxidation. *Chemical Engineering Journal*, **2022**, 432, 134189	14.7	0
331	Pt NPs-loaded siloxene nanosheets for hydrogen co-evolutions from Zn-H2O fuel cells-powered water-splitting. *Applied Catalysis B: Environmental*, **2022**, 304, 121008	21.8	4
330	Persistent luminescence phosphor as light source for tumoral cyanobacterial photosynthetic oxygenation and photodynamic therapy.. *Bioactive Materials*, **2022**, 10, 131-144	16.7	4
329	Efficient benzaldehyde photosynthesis coupling photocatalytic hydrogen evolution. *Journal of Energy Chemistry*, **2022**, 66, 52-60	12	7
328	Self-co-electrolysis for co-production of phosphate and hydrogen in neutral phosphate buffer electrolyte.. *Advanced Materials*, **2022**, e2200058	24	2
327	Electron redistribution of ruthenium-tungsten oxides Mott-Schottky heterojunction for enhanced hydrogen evolution. *Applied Catalysis B: Environmental*, **2022**, 308, 121229	21.8	7
326	Construction of a two-dimensional artificial antioxidase for nanocatalytic rheumatoid arthritis treatment.. *Nature Communications*, **2022**, 13, 1988	17.4	8
325	Modulation of mitochondrial electron transport chain by pyroptosis nanoagonists for photoresponsive tumor destruction. *Nano Today*, **2022**, 44, 101511	17.9	3
324	5 Maternal gestational nutrition perturbs small RNA code in offspring sperm in sheep.. *Reproduction, Fertility and Development*, **2021**, 34, 236	1.8	
323	Superstable and Large-Scalable Organosilica-Micellar Hybrid Nanosystem a Confined Gelation Strategy for Ultrahigh-Dosage Chemotherapy. *Nano Letters*, **2021**, 21, 9388-9397	11.5	5

322	Functional nanomaterials in peripheral nerve regeneration: Scaffold design, chemical principles and microenvironmental remodeling. *Materials Today*, **2021**, 51, 165-165	21.8	20
321	Endogenous Copper for Nanocatalytic Oxidative Damage and Self-Protection Pathway Breakage of Cancer. *ACS Nano*, **2021**, 15, 16286-16297	16.7	8
320	Hydrogen-bonded silicene nanosheets of engineered bandgap and selective degradability for photodynamic therapy. *Biomaterials*, **2021**, 278, 121172	15.6	9
319	Niobium Carbide MXene Augmented Medical Implant Elicits Bacterial Infection Elimination and Tissue Regeneration. *ACS Nano*, **2021**, 15, 1086-1099	16.7	47
318	NiMo Nanoparticles Anchored on N-Doped Carbon Rods for High-Efficiency Hydrogen Electrooxidation in Alkaline Media. *ACS Applied Materials & Interfaces*, **2021**, 13, 15475-15481	9.5	8
317	Dual Size/Charge-Switchable Nanocatalytic Medicine for Deep Tumor Therapy. *Advanced Science*, **2021**, 8, 2002816	13.6	19
316	Transitional Metal-Based Noncatalytic Medicine for Tumor Therapy. *Advanced Healthcare Materials*, **2021**, 10, e2001819	10.1	11
315	Nanocatalytic Innate Immunity Activation by Mitochondrial DNA Oxidative Damage for Tumor-Specific Therapy. *Advanced Materials*, **2021**, 33, e2008065	24	14
314	Mild Magnetic Hyperthermia-Activated Innate Immunity for Liver Cancer Therapy. *Journal of the American Chemical Society*, **2021**, 143, 8116-8128	16.4	20
313	Multi-enzymatic activities of ultrasmall ruthenium oxide for anti-inflammation and neuroprotection. *Chemical Engineering Journal*, **2021**, 411, 128543	14.7	13
312	Engineering single MnN4 atomic active sites on polydopamine-modified helical carbon tubes towards efficient oxygen reduction. *Energy Storage Materials*, **2021**, 37, 274-282	19.4	17
311	Defect Engineering of Photocatalysts towards Elevated CO Reduction Performance. *ChemSusChem*, **2021**, 14, 2635-2654	8.3	5
310	Intratumoral synthesis of nano-metalchelate for tumor catalytic therapy by ligand field-enhanced coordination. *Nature Communications*, **2021**, 12, 3393	17.4	10
309	Starvation-Sensitized and Oxygenation-Promoted Tumor Sonodynamic Therapy by a Cascade Enzymatic Approach. *Research*, **2021**, 2021, 9769867	7.8	4
308	Exploring the enhancement effects of hetero-metal doping in CeO2 on CO2 photocatalytic reduction performance. *Chemical Engineering Journal*, **2021**, 427, 130987	14.7	9
307	Formic Acid Electro-Synthesis by Concurrent Cathodic CO Reduction and Anodic CH OH Oxidation. *Angewandte Chemie - International Edition*, **2021**, 60, 3148-3155	16.4	50
306	Formic Acid Electro-Synthesis by Concurrent Cathodic CO2 Reduction and Anodic CH3OH Oxidation. *Angewandte Chemie*, **2021**, 133, 3185-3192	3.6	7
305	Electrocatalytic Hydrogen Production Trilogy. *Angewandte Chemie*, **2021**, 133, 19702-19723	3.6	6

304	SnO2/CeO2 nanoparticle-decorated mesoporous ZSM-5 as bifunctional electrocatalyst for HOR and ORR. *Chemical Engineering Journal*, **2021**, 417, 127913	14.7	6
303	Ru to W electron donation for boosted HER from acidic to alkaline on Ru/WNO sponges. *Nano Energy*, **2021**, 80, 105531	17.1	27
302	Engineering 2D Multifunctional Ultrathin Bismuthene for Multiple Photonic Nanomedicine. *Advanced Functional Materials*, **2021**, 31, 2005093	15.6	14
301	Electrocatalytic Hydrogen Production Trilogy. *Angewandte Chemie - International Edition*, **2021**, 60, 19550-19571	16.1	31
300	Dual synergetic catalytic effects boost hydrogen electric oxidation performance of Pd/W18O49. *Nano Research*, **2021**, 14, 2441	10	7
299	Tumor chemical suffocation therapy by dual respiratory inhibitions. *Chemical Science*, **2021**, 12, 7763-7769	9.4	5
298	Nanocatalytic Medicine of Iron-Based Nanocatalysts. *CCS Chemistry*, **2021**, 3, 2445-2463	7.2	6
297	Upconversion Nanoparticles Hybridized Cyanobacterial Cells for Near-Infrared Mediated Photosynthesis and Enhanced Photodynamic Therapy. *Advanced Functional Materials*, **2021**, 31, 2010196	15.6	15
296	Defect Engineering of Mesoporous Silica Nanoparticles for Biomedical Applications. *Accounts of Materials Research*, **2021**, 2, 581-593	7.5	4
295	CoNiFe-LDHs decorated Ta3N5 nanotube array photoanode for remarkably enhanced photoelectrochemical glycerol conversion coupled with hydrogen generation. *Nano Energy*, **2021**, 89, 106326	17.1	5
294	Metal-Nitrogen-Carbon Catalysts of Specifically Coordinated Configurations toward Typical Electrochemical Redox Reactions. *Advanced Materials*, **2021**, 33, e2100997	24	15
293	Confined structure regulations of molybdenum oxides for efficient tumor photothermal therapy. *Science China Materials*, **2021**, 64, 3087	7.1	1
292	Freestanding germanene nanosheets for rapid degradation and photothermal conversion. *Materials Today Nano*, **2021**, 15, 100119	9.7	7
291	MnO2 Electrocatalysts Coordinating Alcohol Oxidation for Ultra-Durable Hydrogen and Chemical Productions in Acidic Solutions. *Angewandte Chemie*, **2021**, 133, 21634-21642	3.6	1
290	MnO Electrocatalysts Coordinating Alcohol Oxidation for Ultra-Durable Hydrogen and Chemical Productions in Acidic Solutions. *Angewandte Chemie - International Edition*, **2021**, 60, 21464-21472	16.4	15
289	Magnetostrictive-Piezoelectric-Triggered Nanocatalytic Tumor Therapy. *Nano Letters*, **2021**, 21, 6764-6772	12.5	17
288	FeP modified polymeric carbon nitride as a noble-metal-free photocatalyst for efficient CO2 reduction. *Catalysis Communications*, **2021**, 156, 106326	3.2	4
287	A nonferrous ferroptosis-like strategy for antioxidant inhibition-synergized nanocatalytic tumor therapeutics. *Science Advances*, **2021**, 7, eabj8833	14.3	25

286	Highly selective and efficient electrocatalytic synthesis of glycolic acid in coupling with hydrogen evolution. *Chem Catalysis*, **2021**, 1, 941-955		16
285	Photosynthetic Cyanobacteria-Hybridized Black Phosphorus Nanosheets for Enhanced Tumor Photodynamic Therapy. *Small*, **2021**, 17, e2102113	11	10
284	Hydrogen Evolution/Oxidation Electrocatalysts by the Self-Activation of Amorphous Platinum. *ACS Applied Materials & Interfaces*, **2021**, 13, 44224-44233	9.5	5
283	Emerging electrocatalysts for PEMFCs applications: Tungsten oxide as an example. *Chemical Engineering Journal*, **2021**, 421, 129430	14.7	5
282	Emerging two-dimensional silicene nanosheets for biomedical applications. *Materials Today Nano*, **2021**, 16, 100132	9.7	4
281	A Ti-OH bond breaking route for creating oxygen vacancy in titania towards efficient CO2 photoreduction. *Chemical Engineering Journal*, **2021**, 425, 131513	14.7	1
280	Magneto-Based Synergetic Therapy for Implant-Associated Infections via Biofilm Disruption and Innate Immunity Regulation. *Advanced Science*, **2021**, 8, 2004010	13.6	21
279	Single-Atom Catalysts for Nanocatalytic Tumor Therapy. *Small*, **2021**, 17, e2004467	11	22
278	In Situ Synthesis of Natural Antioxidase Mimics for Catalytic Anti-Inflammatory Treatments: Rheumatoid Arthritis as an Example. *Journal of the American Chemical Society*, **2021**,	16.4	4
277	Ascorbate Tumor Chemotherapy by An Iron-Engineered Nanomedicine-Catalyzed Tumor-Specific Pro-Oxidation. *Journal of the American Chemical Society*, **2020**, 142, 21775-21785	16.4	20
276	Multifunctional 2D porous g-C3N4 nanosheets hybridized with 3D hierarchical TiO2 microflowers for selective dye adsorption, antibiotic degradation and CO2 reduction. *Chemical Engineering Journal*, **2020**, 396, 125347	14.7	62
275	Mild generation of surface oxygen vacancies on CeO for improved CO photoreduction activity. *Nanoscale*, **2020**, 12, 12374-12382	7.7	18
274	Efficient Gene Therapy of Pancreatic Cancer via a Peptide Nucleic Acid (PNA)-Loaded Layered Double Hydroxides (LDH) Nanoplatform. *Small*, **2020**, 16, e1907233	11	13
273	Oxygen Pathology and Oxygen-Functional Materials for Therapeutics. *Matter*, **2020**, 2, 1115-1147	12.7	6
272	Piezocatalytic Tumor Therapy by Ultrasound-Triggered and BaTiO -Mediated Piezoelectricity. *Advanced Materials*, **2020**, 32, e2001976	24	103
271	Tumor-Specific Chemotherapy by Nanomedicine-Enabled Differential Stress Sensitization. *Angewandte Chemie - International Edition*, **2020**, 59, 9693-9701	16.4	42
270	Copper-Enriched Prussian Blue Nanomedicine for In Situ Disulfiram Toxification and Photothermal Antitumor Amplification. *Advanced Materials*, **2020**, 32, e2000542	24	54
269	Tumor-Specific Chemotherapy by Nanomedicine-Enabled Differential Stress Sensitization. *Angewandte Chemie*, **2020**, 132, 9780-9788	3.6	8

268	Tumor Cell Dissociation Removes Malignant Bladder Tumors. *CheM*, **2020**, 6, 2283-2299	16.2	11
267	Nanomaterials/microorganism-integrated microbiotic nanomedicine. *Nano Today*, **2020**, 32, 100854	17.9	19
266	A Metal-Organic Framework (MOF) Fenton Nanoagent-Enabled Nanocatalytic Cancer Therapy in Synergy with Autophagy Inhibition. *Advanced Materials*, **2020**, 32, e1907152	24	107
265	Augmenting Tumor-Starvation Therapy by Cancer Cell Autophagy Inhibition. *Advanced Science*, **2020**, 7, 1902847	13.6	37
264	Electron Configuration Modulation of Nickel Single Atoms for Elevated Photocatalytic Hydrogen Evolution. *Angewandte Chemie*, **2020**, 132, 6894-6898	3.6	24
263	Electron Configuration Modulation of Nickel Single Atoms for Elevated Photocatalytic Hydrogen Evolution. *Angewandte Chemie - International Edition*, **2020**, 59, 6827-6831	16.4	70
262	Combined Magnetic Hyperthermia and Immune Therapy for Primary and Metastatic Tumor Treatments. *ACS Nano*, **2020**, 14, 1033-1044	16.7	90
261	Developing New Cancer Nanomedicines by Repurposing Old Drugs. *Angewandte Chemie*, **2020**, 132, 22013-22022	3.6	
260	Developing New Cancer Nanomedicines by Repurposing Old Drugs. *Angewandte Chemie - International Edition*, **2020**, 59, 21829-21838	16.4	16
259	Near-Infrared Voltage Nanosensors Enable Real-Time Imaging of Neuronal Activities in Mice and Zebrafish. *Journal of the American Chemical Society*, **2020**, 142, 7858-7867	16.4	23
258	Structure Engineering of a Lanthanide-Based Metal-Organic Framework for the Regulation of Dynamic Ranges and Sensitivities for Pheochromocytoma Diagnosis. *Advanced Materials*, **2020**, 32, e2000791	24	14
257	Rational design of high nitrogen-doped and core–shell/mesoporous carbon nanospheres with high rate capability and cycling longevity for pseudocapacitive sodium storage. *Journal of Materials Chemistry A*, **2020**, 8, 9768-9775	13	10
256	Recurrent Extra-gastrointestinal Stromal Tumor of the Vagina: A Case Report and Review of the Literature. *Nigerian Journal of Clinical Practice*, **2020**, 23, 1776-1779	1	1
255	Photosynthetic Tumor Oxygenation by Photosensitizer-Containing Cyanobacteria for Enhanced Photodynamic Therapy. *Angewandte Chemie*, **2020**, 132, 1922-1929	3.6	7
254	Photosynthetic Tumor Oxygenation by Photosensitizer-Containing Cyanobacteria for Enhanced Photodynamic Therapy. *Angewandte Chemie - International Edition*, **2020**, 59, 1906-1913	16.4	70
253	One-Pot Synthesized Nickel-Doped Hierarchically Porous Beta Zeolite for Enhanced Methanol Electrocatalytic Oxidation Activity. *ChemCatChem*, **2020**, 12, 6285-6290	5.2	2
252	A materials-science perspective on tackling COVID-19. *Nature Reviews Materials*, **2020**, 1-14	73.3	123
251	Inorganic nanoparticles in clinical trials and translations. *Nano Today*, **2020**, 35, 100972	17.9	51

250	Chemistry of Advanced Nanomedicines in Cancer Cell Metabolism Regulation. *Advanced Science*, **2020**, 7, 2001388	13.6	4
249	Bioinspired Copper Single-Atom Catalysts for Tumor Parallel Catalytic Therapy. *Advanced Materials*, **2020**, 32, e2002246	24	89
248	In Situ Electrochemical Mn(III)/Mn(IV) Generation of Mn(II)O Electrocatalysts for High-Performance Oxygen Reduction. *Nano-Micro Letters*, **2020**, 12, 161	19.5	23
247	Highly Efficient and Selective CO Electro-Reduction to HCOOH on Sn Particle-Decorated Polymeric Carbon Nitride. *ChemSusChem*, **2020**, 13, 6442-6448	8.3	10
246	Probing the effect of P-doping in polymeric carbon nitride on CO photocatalytic reduction. *Dalton Transactions*, **2020**, 49, 15750-15757	4.3	4
245	Nanoplatform-based cascade engineering for cancer therapy. *Chemical Society Reviews*, **2020**, 49, 9057-9094	58.9	46
244	Size effects of platinum particles@CNT on HER and ORR performance. *Science China Materials*, **2020**, 63, 2517-2529	7.1	20
243	Modulation strategies of Cu-based electrocatalysts for efficient nitrogen reduction. *Journal of Materials Chemistry A*, **2020**, 8, 20286-20293	13	13
242	GSH/pH dual-responsive supramolecular hybrid vesicles for synergistic enzymatic/chemo-tumor therapy. *Applied Materials Today*, **2020**, 18, 100458	6.6	6
241	A highly sensitive and selective nanosensor for near-infrared potassium imaging. *Science Advances*, **2020**, 6, eaax9757	14.3	34
240	Carbon-vacancy modified graphitic carbon nitride: enhanced CO2 photocatalytic reduction performance and mechanism probing. *Journal of Materials Chemistry A*, **2019**, 7, 1556-1563	13	111
239	One-Step Synthesis of W2C@N,P-C Nanocatalysts for Efficient Hydrogen Electrooxidation across the Whole pH Range. *Advanced Functional Materials*, **2019**, 29, 1902505	15.6	27
238	Construction of Single-Iron-Atom Nanocatalysts for Highly Efficient Catalytic Antibiotics. *Small*, **2019**, 15, e1901834	11	63
237	Self-evolved hydrogen peroxide boosts photothermal-promoted tumor-specific nanocatalytic therapy. *Journal of Materials Chemistry B*, **2019**, 7, 3599-3609	7.3	33
236	Cryogenic Exfoliation of Non-layered Magnesium into Two-Dimensional Crystals. *Angewandte Chemie - International Edition*, **2019**, 58, 8814-8818	16.4	8
235	The ORR kinetics of ZIF-derived Fe N C electrocatalysts. *Journal of Catalysis*, **2019**, 372, 174-181	7.3	29
234	Oxygen Vacancy Generation and Stabilization in CeO2 by Cu Introduction with Improved CO2 Photocatalytic Reduction Activity. *ACS Catalysis*, **2019**, 9, 4573-4581	13.1	168
233	Reactive Oxygen Species (ROS)-Based Nanomedicine. *Chemical Reviews*, **2019**, 119, 4881-4985	68.1	776

232	A large-surface-area TS-1 nanocatalyst: a combination of nanoscale particle sizes and hierarchical micro/mesoporous structures.. *RSC Advances*, **2019**, 9, 9694-9699	3.7	10
231	Exosome Biochemistry and Advanced Nanotechnology for Next-Generation Theranostic Platforms. *Advanced Materials*, **2019**, 31, e1802896	24	120
230	Mesoporous silica/organosilica nanoparticles: Synthesis, biological effect and biomedical application. *Materials Science and Engineering Reports*, **2019**, 137, 66-105	30.9	74
229	Nanocatalytic Tumor Therapy by Single-Atom Catalysts. *ACS Nano*, **2019**, 13, 2643-2653	16.7	166
228	Inorganic Nanoshell-Stabilized Liquid Metal for Targeted Photonanomedicine in NIR-II Biowindow. *Nano Letters*, **2019**, 19, 2128-2137	11.5	65
227	Nanocatalytic Medicine. *Advanced Materials*, **2019**, 31, e1901778	24	227
226	Silicene: Wet-Chemical Exfoliation Synthesis and Biodegradable Tumor Nanomedicine. *Advanced Materials*, **2019**, 31, e1903013	24	77
225	Enhanced Tumor-Specific Disulfiram Chemotherapy by Cu Chelation-Initiated Nontoxicity-to-Toxicity Transition. *Journal of the American Chemical Society*, **2019**, 141, 11531-11539	16.4	134
224	Cryogenic Exfoliation of Non-layered Magnesium into Two-Dimensional Crystals. *Angewandte Chemie*, **2019**, 131, 8906-8910	3.6	0
223	Gradient Redox-Responsive and Two-Stage Rocket-Mimetic Drug Delivery System for Improved Tumor Accumulation and Safe Chemotherapy. *Nano Letters*, **2019**, 19, 8690-8700	11.5	41
222	Using Natural Language Processing to improve EHR Structured Data-based Surgical Site Infection Surveillance **2019**, 2019, 794-803	0.7	3
221	Oxygen vacancy-assisted hydrogen evolution reaction of the Pt/WO3 electrocatalyst. *Journal of Materials Chemistry A*, **2019**, 7, 6285-6293	13	77
220	Nickel-molybdenum nitride nanoplate electrocatalysts for concurrent electrolytic hydrogen and formate productions. *Nature Communications*, **2019**, 10, 5335	17.4	149
219	Two-dimensional titanium carbide MXenes as efficient non-noble metal electrocatalysts for oxygen reduction reaction. *Science China Materials*, **2019**, 62, 662-670	7.1	44
218	Nanocatalytic Tumor Therapy by Biomimetic Dual Inorganic Nanozyme-Catalyzed Cascade Reaction. *Advanced Science*, **2019**, 6, 1801733	13.6	250
217	Fe3O4-Embedded and N-Doped Hierarchically Porous Carbon Nanospheres as High-Performance Lithium Ion Battery Anodes. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 3424-3433	8.3	46
216	Nanocatalysts-Augmented and Photothermal-Enhanced Tumor-Specific Sequential Nanocatalytic Therapy in Both NIR-I and NIR-II Biowindows. *Advanced Materials*, **2019**, 31, e1805919	24	159
215	"Stepwise Extraction" strategy-based injectable bioresponsive composite implant for cancer theranostics. *Biomaterials*, **2018**, 166, 38-51	15.6	23

214	Engineering Single-Atom Cobalt Catalysts toward Improved Electrocatalysis. *Small*, **2018**, 14, e1704319	11	81
213	A facile strategy to construct CoOx in situ embedded nanoflowers as an efficient electrocatalyst for oxygen evolution reaction. *Electrochimica Acta*, **2018**, 275, 218-224	6.7	12
212	Nanoenzyme-Augmented Cancer Sonodynamic Therapy by Catalytic Tumor Oxygenation. *ACS Nano*, **2018**, 12, 3780-3795	16.7	296
211	Engineering crystalline CoOOH anchored on an N-doped carbon support as a durable electrocatalyst for the oxygen reduction reaction. *Dalton Transactions*, **2018**, 47, 6069-6074	4.3	9
210	Chemical Design of Nuclear-Targeting Mesoporous Silica Nanoparticles for Intra-nuclear Drug Delivery. *Chinese Journal of Chemistry*, **2018**, 36, 481-486	4.9	8
209	Valley Zeeman splitting of monolayer MoS2 probed by low-field magnetic circular dichroism spectroscopy at room temperature. *Applied Physics Letters*, **2018**, 112, 153105	3.4	26
208	Ultrasmall mesoporous organosilica nanoparticles: Morphology modulations and redox-responsive biodegradability for tumor-specific drug delivery. *Biomaterials*, **2018**, 161, 292-305	15.6	93
207	Anion-Containing Noble-Metal-Free Bifunctional Electrocatalysts for Overall Water Splitting. *ACS Catalysis*, **2018**, 8, 3688-3707	13.1	152
206	C-QDs@UiO-66-(COOH) Composite Film via Electrophoretic Deposition for Temperature Sensing. *Inorganic Chemistry*, **2018**, 57, 2447-2454	5.1	48
205	Preparation of Dual-Emitting Ln@UiO-66-Hybrid Films via Electrophoretic Deposition for Ratiometric Temperature Sensing. *ACS Applied Materials & Interfaces*, **2018**, 10, 6014-6023	9.5	58
204	Nanoparticle-triggered in situ catalytic chemical reactions for tumour-specific therapy. *Chemical Society Reviews*, **2018**, 47, 1938-1958	58.5	407
203	Iron-engineered mesoporous silica nanocatalyst with biodegradable and catalytic framework for tumor-specific therapy. *Biomaterials*, **2018**, 163, 1-13	15.6	109
202	Tumor Microenvironment-Enabled Nanotherapy. *Advanced Healthcare Materials*, **2018**, 7, e1701156	10.1	101
201	2D-Black-Phosphorus-Reinforced 3D-Printed Scaffolds:A Stepwise Countermeasure for Osteosarcoma. *Advanced Materials*, **2018**, 30, 1705611	24	205
200	Material Chemistry of Two-Dimensional Inorganic Nanosheets in Cancer Theranostics. *CheM*, **2018**, 4, 1284-1313	16.2	111
199	Fe-Au Nanoparticle-Coupling for Ultrasensitive Detections of Circulating Tumor DNA. *Advanced Materials*, **2018**, 30, e1801690	24	35
198	Simultaneous Blood-Brain Barrier Crossing and Protection for Stroke Treatment Based on Edaravone-Loaded Ceria Nanoparticles. *ACS Nano*, **2018**, 12, 6794-6805	16.7	144
197	Cancer cell nucleus-targeting nanocomposites for advanced tumor therapeutics. *Chemical Society Reviews*, **2018**, 47, 6930-6946	58.5	118

196	Insights into 2D MXenes for Versatile Biomedical Applications: Current Advances and Challenges Ahead. *Advanced Science*, **2018**, 5, 1800518	13.6	245
195	Metal-Organic Framework Nanosheet Electrocatalysts for Efficient H Production from Methanol Solution: Methanol-Assisted Water Splitting or Methanol Reforming?. *ACS Applied Materials & Interfaces*, **2018**, 10, 25422-25428	9.5	63
194	Dual Intratumoral Redox/Enzyme-Responsive NO-Releasing Nanomedicine for the Specific, High-Efficacy, and Low-Toxic Cancer Therapy. *Advanced Materials*, **2018**, 30, e1704490	24	115
193	A photo-excited electron transfer hyperchannel constructed in Pt-dispersed pyrimidine-modified carbon nitride for remarkably enhanced water-splitting photocatalytic activity. *Applied Catalysis B: Environmental*, **2018**, 237, 888-894	21.8	20
192	Chemical-assisted hydrogen electrocatalytic evolution reaction (CAHER). *Journal of Materials Chemistry A*, **2018**, 6, 13538-13548	13	57
191	Theranostic 2D Tantalum Carbide (MXene). *Advanced Materials*, **2018**, 30, 1703284	24	279
190	PEO-Linked MoS2□Graphene Nanocomposites with 2D Polar□Nonpolar Amphoteric Surfaces as Sulfur Hosts for High-Performance Li□ Batteries. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 974-982	8.3	29
189	Tuning the Performance of Single-Atom Electrocatalysts: Support-Induced Structural Reconstruction. *Chemistry of Materials*, **2018**, 30, 7494-7502	9.6	18
188	CuO/Co(OH) Nanosheets: A Novel Kind of Electrocatalyst for Highly Efficient Electrochemical Oxidation of Methanol. *ACS Applied Materials & Interfaces*, **2018**, 10, 39002-39008	9.5	39
187	Synthesis of a Pillar[5]arene-Based Polyrotaxane for Enhancing the Drug Loading Capacity of PCL-Based Supramolecular Amphiphile as an Excellent Drug Delivery Platform. *Biomacromolecules*, **2018**, 19, 2923-2930	6.9	21
186	Dual-Emitting UiO-66(Zr&Eu) Metal-Organic Framework Films for Ratiometric Temperature Sensing. *ACS Applied Materials & Interfaces*, **2018**, 10, 20854-20861	9.5	46
185	Exogenous/Endogenous-Triggered Mesoporous Silica Cancer Nanomedicine. *Advanced Healthcare Materials*, **2018**, 7, e1800268	10.1	32
184	Magnesium silicide nanoparticles as a deoxygenation agent for cancer starvation therapy. *Nature Nanotechnology*, **2017**, 12, 378-386	28.7	255
183	Highly efficient and selective removal of trace lead from aqueous solutions by hollow mesoporous silica loaded with molecularly imprinted polymers. *Journal of Hazardous Materials*, **2017**, 328, 160-169	12.8	67
182	Alkali-assisted mild aqueous exfoliation for single-layered and structure-preserved graphitic carbon nitride nanosheets. *Journal of Colloid and Interface Science*, **2017**, 495, 19-26	9.3	24
181	Molecularly organic/inorganic hybrid hollow mesoporous organosilica nanocapsules with tumor-specific biodegradability and enhanced chemotherapeutic functionality. *Biomaterials*, **2017**, 125, 23-37	15.6	145
180	Hydrophilicity/hydrophobicity modulated synthesis of nano-crystalline and hierarchically structured TS-1 zeolites. *CrystEngComm*, **2017**, 19, 1370-1376	3.3	18
179	Chemical Design and Synthesis of Functionalized Probes for Imaging and Treating Tumor Hypoxia. *Chemical Reviews*, **2017**, 117, 6160-6224	68.1	533

178	Core-shell hierarchical mesostructured silica nanoparticles for gene/chemo-synergetic stepwise therapy of multidrug-resistant cancer. *Biomaterials*, **2017**, 133, 219-228	15.6	91
177	Successful chimeric Ag receptor modified T cell therapy for isolated testicular relapse after hematopoietic cell transplantation in an acute lymphoblastic leukemia patient. *Bone Marrow Transplantation*, **2017**, 52, 1065-1067	4.4	5
176	Nuclear-Targeting Gold Nanorods for Extremely Low NIR Activated Photothermal Therapy. *ACS Applied Materials & Interfaces*, **2017**, 9, 15952-15961	9.5	95
175	CeO2-x platelet from monometallic cerium layered double hydroxides and its photocatalytic reduction of CO2. *Applied Catalysis B: Environmental*, **2017**, 210, 141-148	21.8	53
174	Oxygen Vacancy Enables Markedly Enhanced Magnetic Resonance Imaging-Guided Photothermal Therapy of a Gd-Doped Contrast Agent. *ACS Nano*, **2017**, 11, 4256-4264	16.7	71
173	Metalloporphyrin-Encapsulated Biodegradable Nanosystems for Highly Efficient Magnetic Resonance Imaging-Guided Sonodynamic Cancer Therapy. *Journal of the American Chemical Society*, **2017**, 139, 1275-1284	16.4	395
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