

Jianlin Shi

List of Publications by Citations

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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	Stimuli-responsive controlled drug release from a hollow mesoporous silica sphere/polyelectrolyte multilayer core-shell structure. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 5083-7	16.4	879
338	Nuclear-targeted drug delivery of TAT peptide-conjugated monodisperse mesoporous silica nanoparticles. <i>Journal of the American Chemical Society</i> , 2012 , 134, 5722-5	16.4	788
337	Reactive Oxygen Species (ROS)-Based Nanomedicine. <i>Chemical Reviews</i> , 2019 , 119, 4881-4985	68.1	776
336	Tumor-selective catalytic nanomedicine by nanocatalyst delivery. <i>Nature Communications</i> , 2017 , 8, 357	17.4	743
335	Fabrication of uniform magnetic nanocomposite spheres with a magnetic core/mesoporous silica shell structure. <i>Journal of the American Chemical Society</i> , 2005 , 127, 8916-7	16.4	704
334	A Two-Dimensional Biodegradable Niobium Carbide (MXene) for Photothermal Tumor Eradication in NIR-I and NIR-II Biowindows. <i>Journal of the American Chemical Society</i> , 2017 , 139, 16235-16247	16.4	656
333	Two-Dimensional Ultrathin MXene Ceramic Nanosheets for Photothermal Conversion. <i>Nano Letters</i> , 2017 , 17, 384-391	11.5	623
332	Synthesis of Iron Nanometallic Glasses and Their Application in Cancer Therapy by a Localized Fenton Reaction. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2101-6	16.4	609
331	NIR-triggered anticancer drug delivery by upconverting nanoparticles with integrated azobenzene-modified mesoporous silica. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 4375-9	16.4	607
330	Hollow-structured mesoporous materials: chemical synthesis, functionalization and applications. <i>Advanced Materials</i> , 2014 , 26, 3176-205	24	595
329	Hollow/rattle-type mesoporous nanostructures by a structural difference-based selective etching strategy. <i>ACS Nano</i> , 2010 , 4, 529-39	16.7	575
328	Core/shell structured hollow mesoporous nanocapsules: a potential platform for simultaneous cell imaging and anticancer drug delivery. <i>ACS Nano</i> , 2010 , 4, 6001-13	16.7	560
327	In vivo bio-safety evaluations and diagnostic/therapeutic applications of chemically designed mesoporous silica nanoparticles. <i>Advanced Materials</i> , 2013 , 25, 3144-76	24	554
326	Chemical Design and Synthesis of Functionalized Probes for Imaging and Treating Tumor Hypoxia. <i>Chemical Reviews</i> , 2017 , 117, 6160-6224	68.1	533
325	Intelligent MnO ₂ Nanosheets Anchored with Upconversion Nanoprobes for Concurrent pH/H ₂ O ₂ -Responsive UCL Imaging and Oxygen-Elevated Synergetic Therapy. <i>Advanced Materials</i> , 2015 , 27, 4155-61	24	503
324	On the synergetic catalytic effect in heterogeneous nanocomposite catalysts. <i>Chemical Reviews</i> , 2013 , 113, 2139-81	68.1	485
323	In vivo biodistribution and urinary excretion of mesoporous silica nanoparticles: effects of particle size and PEGylation. <i>Small</i> , 2011 , 7, 271-80	11	467

322	A core/satellite multifunctional nanotheranostic for in vivo imaging and tumor eradication by radiation/photothermal synergistic therapy. <i>Journal of the American Chemical Society</i> , 2013 , 135, 13041-8	16.4	458
321	Nanoparticle-triggered in situ catalytic chemical reactions for tumour-specific therapy. <i>Chemical Society Reviews</i> , 2018 , 47, 1938-1958	58.5	407
320	Hydrogen peroxide mediates the cell growth and transformation caused by the mitogenic oxidase Nox1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 5550-5	11.5	404
319	Uniform Rattle-type Hollow Magnetic Mesoporous Spheres as Drug Delivery Carriers and their Sustained-Release Property. <i>Advanced Functional Materials</i> , 2008 , 18, 2780-2788	15.6	402
318	The effect of PEGylation of mesoporous silica nanoparticles on nonspecific binding of serum proteins and cellular responses. <i>Biomaterials</i> , 2010 , 31, 1085-92	15.6	397
317	Metalloporphyrin-Encapsulated Biodegradable Nanosystems for Highly Efficient Magnetic Resonance Imaging-Guided Sonodynamic Cancer Therapy. <i>Journal of the American Chemical Society</i> , 2017 , 139, 1275-1284	16.4	395
316	Brand new P-doped g-C3N4: enhanced photocatalytic activity for H2 evolution and Rhodamine B degradation under visible light. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 3862-3867	13	381
315	MSN anti-cancer nanomedicines: chemotherapy enhancement, overcoming of drug resistance, and metastasis inhibition. <i>Advanced Materials</i> , 2014 , 26, 391-411	24	363
314	Break-up of two-dimensional MnO2 nanosheets promotes ultrasensitive pH-triggered theranostics of cancer. <i>Advanced Materials</i> , 2014 , 26, 7019-26	24	342
313	Antiferromagnetic Pyrite as the Tumor Microenvironment-Mediated Nanoplatform for Self-Enhanced Tumor Imaging and Therapy. <i>Advanced Materials</i> , 2017 , 29, 1701683	24	337
312	Marriage of scintillator and semiconductor for synchronous radiotherapy and deep photodynamic therapy with diminished oxygen dependence. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 1770-4	16.4	336
311	A Facile One-Pot Synthesis of a Two-Dimensional MoS2 /Bi2S3 Composite Theranostic Nanosystem for Multi-Modality Tumor Imaging and Therapy. <i>Advanced Materials</i> , 2015 , 27, 2775-82	24	334
310	Hypoxia Induced by Upconversion-Based Photodynamic Therapy: Towards Highly Effective Synergistic Bioreductive Therapy in Tumors. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 8105-9	16.4	328
309	A pH-responsive mesoporous silica nanoparticles-based multi-drug delivery system for overcoming multi-drug resistance. <i>Biomaterials</i> , 2011 , 32, 7711-20	15.6	323
308	Hollow mesoporous organosilica nanoparticles: a generic intelligent framework-hybridization approach for biomedicine. <i>Journal of the American Chemical Society</i> , 2014 , 136, 16326-34	16.4	299
307	Nanoenzyme-Augmented Cancer Sonodynamic Therapy by Catalytic Tumor Oxygenation. <i>ACS Nano</i> , 2018 , 12, 3780-3795	16.7	296
306	Rattle-structured multifunctional nanotheranostics for synergetic chemo-/radiotherapy and simultaneous magnetic/luminescent dual-mode imaging. <i>Journal of the American Chemical Society</i> , 2013 , 135, 6494-503	16.4	288
305	Theranostic 2D Tantalum Carbide (MXene). <i>Advanced Materials</i> , 2018 , 30, 1703284	24	279

304	Mesostructured CeO ₂ /g-C ₃ N ₄ nanocomposites: Remarkably enhanced photocatalytic activity for CO ₂ reduction by mutual component activations. <i>Nano Energy</i> , 2016 , 19, 145-155	17.1	270
303	Ultrasensitive nanosensors based on upconversion nanoparticles for selective hypoxia imaging in vivo upon near-infrared excitation. <i>Journal of the American Chemical Society</i> , 2014 , 136, 9701-9	16.4	265
302	Magnesium silicide nanoparticles as a deoxygenation agent for cancer starvation therapy. <i>Nature Nanotechnology</i> , 2017 , 12, 378-386	28.7	255
301	Engineering of inorganic nanoparticles as magnetic resonance imaging contrast agents. <i>Chemical Society Reviews</i> , 2017 , 46, 7438-7468	58.5	250
300	Nanocatalytic Tumor Therapy by Biomimetic Dual Inorganic Nanozyme-Catalyzed Cascade Reaction. <i>Advanced Science</i> , 2019 , 6, 1801733	13.6	250
299	Facile synthesis of monodisperse superparamagnetic Fe ₃ O ₄ Core@hybrid@Au shell nanocomposite for bimodal imaging and photothermal therapy. <i>Advanced Materials</i> , 2011 , 23, 5392-7	24	247
298	Insights into 2D MXenes for Versatile Biomedical Applications: Current Advances and Challenges Ahead. <i>Advanced Science</i> , 2018 , 5, 1800518	13.6	245
297	Dual-targeting upconversion nanoprobe across the blood-brain barrier for magnetic resonance/fluorescence imaging of intracranial glioblastoma. <i>ACS Nano</i> , 2014 , 8, 1231-42	16.7	243
296	Biocompatible PEGylated MoS ₂ nanosheets: controllable bottom-up synthesis and highly efficient photothermal regression of tumor. <i>Biomaterials</i> , 2015 , 39, 206-17	15.6	240
295	Manganese oxide-based multifunctionalized mesoporous silica nanoparticles for pH-responsive MRI, ultrasonography and circumvention of MDR in cancer cells. <i>Biomaterials</i> , 2012 , 33, 7126-37	15.6	232
294	Chemistry of Mesoporous Organosilica in Nanotechnology: Molecularly Organic-Inorganic Hybridization into Frameworks. <i>Advanced Materials</i> , 2016 , 28, 3235-72	24	231
293	Nanocatalytic Medicine. <i>Advanced Materials</i> , 2019 , 31, e1901778	24	227
292	Construction of Graphitic C ₃ N ₄ -Based Intramolecular Donor-Acceptor Conjugated Copolymers for Photocatalytic Hydrogen Evolution. <i>ACS Catalysis</i> , 2015 , 5, 5008-5015	13.1	226
291	Metal-organic frameworks with inherent recognition sites for selective phosphate sensing through their coordination-induced fluorescence enhancement effect. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 7445-7452	13	225
290	Chitosan derived nitrogen-doped microporous carbons for high performance CO ₂ capture. <i>Carbon</i> , 2013 , 61, 423-430	10.4	224
289	Large-pore ultrasmall mesoporous organosilica nanoparticles: micelle/precursor co-templating assembly and nuclear-targeted gene delivery. <i>Advanced Materials</i> , 2015 , 27, 215-22	24	222
288	Large Pore-Sized Hollow Mesoporous Organosilica for Redox-Responsive Gene Delivery and Synergistic Cancer Chemotherapy. <i>Advanced Materials</i> , 2016 , 28, 1963-9	24	216
287	2D-Black-Phosphorus-Reinforced 3D-Printed Scaffolds: A Stepwise Countermeasure for Osteosarcoma. <i>Advanced Materials</i> , 2018 , 30, 1705611	24	205

286	Evidence of hepatocyte apoptosis in rat liver after the administration of carbon tetrachloride. <i>American Journal of Pathology</i> , 1998 , 153, 515-25	5.8	205
285	Overcoming multidrug resistance of cancer cells by direct intranuclear drug delivery using TAT-conjugated mesoporous silica nanoparticles. <i>Biomaterials</i> , 2013 , 34, 2719-30	15.6	203
284	"Manganese Extraction" Strategy Enables Tumor-Sensitive Biodegradability and Theranostics of Nanoparticles. <i>Journal of the American Chemical Society</i> , 2016 , 138, 9881-94	16.4	196
283	Injectable 2D MoS ₂ -Integrated Drug Delivering Implant for Highly Efficient NIR-Triggered Synergistic Tumor Hyperthermia. <i>Advanced Materials</i> , 2015 , 27, 7117-22	24	196
282	Positive and Negative Lattice Shielding Effects Co-existing in Gd (III) Ion Doped Bifunctional Upconversion Nanoprobes. <i>Advanced Functional Materials</i> , 2011 , 21, 4285-4294	15.6	187
281	MSN-mediated sequential vascular-to-cell nuclear-targeted drug delivery for efficient tumor regression. <i>Advanced Materials</i> , 2014 , 26, 6742-8	24	182
280	Colloidal HPMO nanoparticles: silica-etching chemistry tailoring, topological transformation, and nano-biomedical applications. <i>Advanced Materials</i> , 2013 , 25, 3100-5	24	181
279	X-ray Radiation-Controlled NO-Release for On-Demand Depth-Independent Hypoxic Radiosensitization. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 14026-30	16.4	181
278	Perfluorohexane-encapsulated mesoporous silica nanocapsules as enhancement agents for highly efficient high intensity focused ultrasound (HIFU). <i>Advanced Materials</i> , 2012 , 24, 785-91	24	180
277	A Prussian Blue-Based Core-Shell Hollow-Structured Mesoporous Nanoparticle as a Smart Theranostic Agent with Ultrahigh pH-Responsive Longitudinal Relaxivity. <i>Advanced Materials</i> , 2015 , 27, 6382-9	24	175
276	Two-dimensional non-carbonaceous materials-enabled efficient photothermal cancer therapy. <i>Nano Today</i> , 2016 , 11, 292-308	17.9	169
275	Oxygen Vacancy Generation and Stabilization in CeO ₂ by Cu Introduction with Improved CO ₂ Photocatalytic Reduction Activity. <i>ACS Catalysis</i> , 2019 , 9, 4573-4581	13.1	168
274	Nanocatalytic Tumor Therapy by Single-Atom Catalysts. <i>ACS Nano</i> , 2019 , 13, 2643-2653	16.7	166
273	Near infrared-assisted Fenton reaction for tumor-specific and mitochondrial DNA-targeted photochemotherapy. <i>Biomaterials</i> , 2017 , 141, 86-95	15.6	164
272	Ultras-small Cu _{2-x} S Nanodots for Highly Efficient Photoacoustic Imaging-Guided Photothermal Therapy. <i>Small</i> , 2015 , 11, 2275-83	11	162
271	Real-time in vivo quantitative monitoring of drug release by dual-mode magnetic resonance and upconverted luminescence imaging. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 4551-5	16.4	160
270	Nanocatalysts-Augmented and Photothermal-Enhanced Tumor-Specific Sequential Nanocatalytic Therapy in Both NIR-I and NIR-II Biowindows. <i>Advanced Materials</i> , 2019 , 31, e1805919	24	159
269	Black titania-based theranostic nanoplatform for single NIR laser induced dual-modal imaging-guided PTT/PDT. <i>Biomaterials</i> , 2016 , 84, 13-24	15.6	157

268	Anion-Containing Noble-Metal-Free Bifunctional Electrocatalysts for Overall Water Splitting. <i>ACS Catalysis</i> , 2018 , 8, 3688-3707	13.1	152
267	Multifunctional mesoporous composite nanocapsules for highly efficient MRI-guided high-intensity focused ultrasound cancer surgery. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 12505-9	16.4	152
266	Nickel-molybdenum nitride nanoplate electrocatalysts for concurrent electrolytic hydrogen and formate productions. <i>Nature Communications</i> , 2019 , 10, 5335	17.4	149
265	Molecularly organic/inorganic hybrid hollow mesoporous organosilica nanocapsules with tumor-specific biodegradability and enhanced chemotherapeutic functionality. <i>Biomaterials</i> , 2017 , 125, 23-37	15.6	145
264	Simultaneous Blood-Brain Barrier Crossing and Protection for Stroke Treatment Based on Edaravone-Loaded Ceria Nanoparticles. <i>ACS Nano</i> , 2018 , 12, 6794-6805	16.7	144
263	Bi2S3-embedded mesoporous silica nanoparticles for efficient drug delivery and interstitial radiotherapy sensitization. <i>Biomaterials</i> , 2015 , 37, 447-55	15.6	138
262	Ultrasmall NaGdF4 nanodots for efficient MR angiography and atherosclerotic plaque imaging. <i>Advanced Materials</i> , 2014 , 26, 3867-72	24	138
261	Gd ³⁺ -Ion-Doped Upconversion Nanoprobes: Relaxivity Mechanism Probing and Sensitivity Optimization. <i>Advanced Functional Materials</i> , 2013 , 23, 298-307	15.6	137
260	Fabrication of uniform hollow mesoporous silica spheres and ellipsoids of tunable size through a facile hard-templating route. <i>Journal of Materials Chemistry</i> , 2009 , 19, 2778		136
259	A Polyoxometalate Cluster Paradigm with Self-Adaptive Electronic Structure for Acidity/Reducibility-Specific Photothermal Conversion. <i>Journal of the American Chemical Society</i> , 2016 , 138, 8156-64	16.4	134
258	Enhanced Tumor-Specific Disulfiram Chemotherapy by Cu Chelation-Initiated Nontoxicity-to-Toxicity Transition. <i>Journal of the American Chemical Society</i> , 2019 , 141, 11531-11539	16.4	134
257	A Gd-doped Mg-Al-LDH/Au nanocomposite for CT/MR bimodal imagings and simultaneous drug delivery. <i>Biomaterials</i> , 2013 , 34, 3390-401	15.6	131
256	Monodispersed and ordered large-pore mesoporous silica nanospheres with tunable pore structure for magnetic functionalization and gene delivery. <i>Advanced Materials</i> , 2014 , 26, 4947-53	24	129
255	A Versatile Nanotheranostic Agent for Efficient Dual-Mode Imaging Guided Synergistic Chemo-Thermal Tumor Therapy. <i>Advanced Functional Materials</i> , 2015 , 25, 2520-2529	15.6	125
254	Structure-property relationships in manganese oxide--mesoporous silica nanoparticles used for T1-weighted MRI and simultaneous anti-cancer drug delivery. <i>Biomaterials</i> , 2012 , 33, 2388-98	15.6	125
253	Reactivity of glutaredoxins 1, 2, and 3 from <i>Escherichia coli</i> shows that glutaredoxin 2 is the primary hydrogen donor to ArsC-catalyzed arsenate reduction. <i>Journal of Biological Chemistry</i> , 1999 , 274, 36039-42	5.4	125
252	Constructing carbon-nitride-based copolymers via Schiff base chemistry for visible-light photocatalytic hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2016 , 182, 68-73	21.8	123
251	A materials-science perspective on tackling COVID-19. <i>Nature Reviews Materials</i> , 2020 , 1-14	73.3	123

250	Au-nanoparticle coated mesoporous silica nanocapsule-based multifunctional platform for ultrasound mediated imaging, cytolysis and tumor ablation. <i>Biomaterials</i> , 2013 , 34, 2057-68	15.6	122
249	Exosome Biochemistry and Advanced Nanotechnology for Next-Generation Theranostic Platforms. <i>Advanced Materials</i> , 2019 , 31, e1802896	24	120
248	Inorganic nanoparticle-based drug codelivery nanosystems to overcome the multidrug resistance of cancer cells. <i>Molecular Pharmaceutics</i> , 2014 , 11, 2495-510	5.6	120
247	Cancer cell nucleus-targeting nanocomposites for advanced tumor therapeutics. <i>Chemical Society Reviews</i> , 2018 , 47, 6930-6946	58.5	118
246	Double mesoporous silica shelled spherical/ellipsoidal nanostructures: Synthesis and hydrophilic/hydrophobic anticancer drug delivery. <i>Journal of Materials Chemistry</i> , 2011 , 21, 5290		116
245	Dual Intratumoral Redox/Enzyme-Responsive NO-Releasing Nanomedicine for the Specific, High-Efficacy, and Low-Toxic Cancer Therapy. <i>Advanced Materials</i> , 2018 , 30, e1704490	24	115
244	Intranuclear Photosensitizer Delivery and Photosensitization for Enhanced Photodynamic Therapy with Ultralow Irradiance. <i>Advanced Functional Materials</i> , 2014 , 24, 7318-7327	15.6	115
243	Radiation-/hypoxia-induced solid tumor metastasis and regrowth inhibited by hypoxia-specific upconversion nanoradiosensitizer. <i>Biomaterials</i> , 2015 , 49, 1-8	15.6	115
242	Rapid and Specific Aqueous-Phase Detection of Nitroaromatic Explosives with Inherent Porphyrin Recognition Sites in Metal-Organic Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 11956-845	8.5	113
241	Carbon-vacancy modified graphitic carbon nitride: enhanced CO ₂ photocatalytic reduction performance and mechanism probing. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 1556-1563	13	111
240	Material Chemistry of Two-Dimensional Inorganic Nanosheets in Cancer Theranostics. <i>CheM</i> , 2018 , 4, 1284-1313	16.2	111
239	Reversible pore-structure evolution in hollow silica nanocapsules: large pores for siRNA delivery and nanoparticle collecting. <i>Small</i> , 2011 , 7, 2935-44	11	111
238	Platinum/mesoporous WO ₃ as a carbon-free electrocatalyst with enhanced electrochemical activity for methanol oxidation. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 12024-31	3.4	110
237	Iron-engineered mesoporous silica nanocatalyst with biodegradable and catalytic framework for tumor-specific therapy. <i>Biomaterials</i> , 2018 , 163, 1-13	15.6	109
236	A Metal-Organic Framework (MOF) Fenton Nanoagent-Enabled Nanocatalytic Cancer Therapy in Synergy with Autophagy Inhibition. <i>Advanced Materials</i> , 2020 , 32, e1907152	24	107
235	A drug-perfluorocarbon nanoemulsion with an ultrathin silica coating for the synergistic effect of chemotherapy and ablation by high-intensity focused ultrasound. <i>Advanced Materials</i> , 2014 , 26, 7378-85 ²⁴	24	105
234	Endogenous Catalytic Generation of O ₂ Bubbles for In Situ Ultrasound-Guided High Intensity Focused Ultrasound Ablation. <i>ACS Nano</i> , 2017 , 11, 9093-9102	16.7	104
233	Piezocatalytic Tumor Therapy by Ultrasound-Triggered and BaTiO ₃ -Mediated Piezoelectricity. <i>Advanced Materials</i> , 2020 , 32, e2001976	24	103

232	Defect creation in metal-organic frameworks for rapid and controllable decontamination of roxarsone from aqueous solution. <i>Journal of Hazardous Materials</i> , 2016 , 302, 57-64	12.8	103
231	Perfluoropentane-encapsulated hollow mesoporous prussian blue nanocubes for activated ultrasound imaging and photothermal therapy of cancer. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 4579-88	9.5	103
230	Tumor Microenvironment-Enabled Nanotherapy. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1701156	10.1	101
229	Multifunctional Graphene Oxide-based Triple Stimuli-Responsive Nanotheranostics. <i>Advanced Functional Materials</i> , 2014 , 24, 4386-4396	15.6	99
228	Nuclear-Targeting Gold Nanorods for Extremely Low NIR Activated Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 15952-15961	9.5	95
227	Ultrasmall mesoporous organosilica nanoparticles: Morphology modulations and redox-responsive biodegradability for tumor-specific drug delivery. <i>Biomaterials</i> , 2018 , 161, 292-305	15.6	93
226	Core-shell hierarchical mesostructured silica nanoparticles for gene/chemo-synergetic stepwise therapy of multidrug-resistant cancer. <i>Biomaterials</i> , 2017 , 133, 219-228	15.6	91
225	Combined Magnetic Hyperthermia and Immune Therapy for Primary and Metastatic Tumor Treatments. <i>ACS Nano</i> , 2020 , 14, 1033-1044	16.7	90
224	Bioinspired Copper Single-Atom Catalysts for Tumor Parallel Catalytic Therapy. <i>Advanced Materials</i> , 2020 , 32, e2002246	24	89
223	Core-shell LaPO ₄ /g-C ₃ N ₄ nanowires for highly active and selective CO ₂ reduction. <i>Applied Catalysis B: Environmental</i> , 2017 , 201, 629-635	21.8	88
222	A post-grafting strategy to modify g-C ₃ N ₄ with aromatic heterocycles for enhanced photocatalytic activity. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 13814-13821	13	87
221	Synthesis of Iron Nanometallic Glasses and Their Application in Cancer Therapy by a Localized Fenton Reaction. <i>Angewandte Chemie</i> , 2016 , 128, 2141-2146	3.6	85
220	Multifunctional gold nanostar-based nanocomposite: Synthesis and application for noninvasive MR-SERS imaging-guided photothermal ablation. <i>Biomaterials</i> , 2015 , 60, 31-41	15.6	82
219	Design of an intelligent sub-50 nm nuclear-targeting nanotheranostic system for imaging guided intranuclear radiosensitization. <i>Chemical Science</i> , 2015 , 6, 1747-1753	9.4	81
218	Engineering Single-Atom Cobalt Catalysts toward Improved Electrocatalysis. <i>Small</i> , 2018 , 14, e1704319	11	81
217	Facile synthesis of magnetite/perfluorocarbon co-loaded organic/inorganic hybrid vesicles for dual-modality ultrasound/magnetic resonance imaging and imaging-guided high-intensity focused ultrasound ablation. <i>Advanced Materials</i> , 2013 , 25, 2686-92	24	81
216	Computed tomography imaging-guided radiotherapy by targeting upconversion nanocubes with significant imaging and radiosensitization enhancements. <i>Scientific Reports</i> , 2013 , 3, 1751	4.9	79
215	Apoptosis of neutrophils and their elimination by Kupffer cells in rat liver. <i>Hepatology</i> , 1996 , 24, 1256-1263	7.9	79

214	Silicene: Wet-Chemical Exfoliation Synthesis and Biodegradable Tumor Nanomedicine. <i>Advanced Materials</i> , 2019 , 31, e1903013	24	77
213	Oxygen vacancy-assisted hydrogen evolution reaction of the Pt/WO ₃ electrocatalyst. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 6285-6293	13	77
212	Silica/organosilica cross-linked block copolymer micelles: a versatile theranostic platform. <i>Chemical Society Reviews</i> , 2017 , 46, 569-585	58.5	75
211	Morphology-Tailoring of a Red AIEgen from Microsized Rods to Nanospheres for Tumor-Targeted Bioimaging. <i>Advanced Materials</i> , 2016 , 28, 3187-93	24	75
210	Facile synthesis of Cu doped cobalt hydroxide (Cu _{1-x} Co _x (OH) ₂) nano-sheets for efficient electrocatalytic oxygen evolution. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 22568-22575	13	74
209	Mesoporous silica/organosilica nanoparticles: Synthesis, biological effect and biomedical application. <i>Materials Science and Engineering Reports</i> , 2019 , 137, 66-105	30.9	74
208	CO ₂ bubbling-based Nanobomb System for Targetedly Suppressing Panc-1 Pancreatic Tumor via Low Intensity Ultrasound-activated Inertial Cavitation. <i>Theranostics</i> , 2015 , 5, 1291-302	12.1	73
207	Hyaluronic acid-conjugated mesoporous silica nanoparticles: excellent colloidal dispersity in physiological fluids and targeting efficacy. <i>Journal of Materials Chemistry</i> , 2012 , 22, 5615		73
206	Oxygen Vacancy Enables Markedly Enhanced Magnetic Resonance Imaging-Guided Photothermal Therapy of a Gd-Doped Contrast Agent. <i>ACS Nano</i> , 2017 , 11, 4256-4264	16.7	71
205	Electron Configuration Modulation of Nickel Single Atoms for Elevated Photocatalytic Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 6827-6831	16.4	70
204	Preparation of Uniform, Water-Soluble, and Multifunctional Nanocomposites with Tunable Sizes. <i>Advanced Functional Materials</i> , 2010 , 20, 773-780	15.6	70
203	A facile route to synthesize magnetic particles within hollow mesoporous spheres and their performance as separable Hg ²⁺ adsorbents. <i>Journal of Materials Chemistry</i> , 2008 , 18, 2733		70
202	Photosynthetic Tumor Oxygenation by Photosensitizer-Containing Cyanobacteria for Enhanced Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 1906-1913	16.4	70
201	Constructing NIR silica/cyanine hybrid nanocomposite for bioimaging in vivo: a breakthrough in photo-stability and bright fluorescence with large Stokes shift. <i>Chemical Science</i> , 2013 , 4, 1221	9.4	69
200	Intranuclear biophotonics by smart design of nuclear-targeting photo-/radio-sensitizers co-loaded upconversion nanoparticles. <i>Biomaterials</i> , 2015 , 69, 89-98	15.6	68
199	PEGylated NaHoF ₄ nanoparticles as contrast agents for both X-ray computed tomography and ultra-high field magnetic resonance imaging. <i>Biomaterials</i> , 2016 , 76, 218-25	15.6	68
198	Mesoporous manganese silicate coated silica nanoparticles as multi-stimuli-responsive T ₁ -MRI contrast agents and drug delivery carriers. <i>Acta Biomaterialia</i> , 2016 , 30, 378-387	10.8	68
197	An intelligent nanotheranostic agent for targeting, redox-responsive ultrasound imaging, and imaging-guided high-intensity focused ultrasound synergistic therapy. <i>Small</i> , 2014 , 10, 1403-11	11	68

196	Highly efficient and selective removal of trace lead from aqueous solutions by hollow mesoporous silica loaded with molecularly imprinted polymers. <i>Journal of Hazardous Materials</i> , 2017 , 328, 160-169	12.8	67
195	Inorganic Nanoshell-Stabilized Liquid Metal for Targeted Photonanomedicine in NIR-II Biowindow. <i>Nano Letters</i> , 2019 , 19, 2128-2137	11.5	65
194	A continuous tri-phase transition effect for HIFU-mediated intravenous drug delivery. <i>Biomaterials</i> , 2014 , 35, 5875-85	15.6	65
193	Manganese-loaded dual-mesoporous silica spheres for efficient T1- and T2-weighted dual mode magnetic resonance imaging. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 9942-8	9.5	65
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