

Gang Liu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

389 papers	21,342 citations	76 h-index	128 g-index
407 ext. papers	25,399 ext. citations	8.5 avg, IF	7.11 L-index

#	Paper	IF	Citations
389	Opinion paper: Membrane fusion boosting drug transmembrane delivery. <i>Smart Materials in Medicine</i> , 2022 , 3, 254-256	12.9	0
388	Bioinspired membrane-based nanomodulators for immunotherapy of autoimmune and infectious diseases.. <i>Acta Pharmaceutica Sinica B</i> , 2022 , 12, 1126-1147	15.5	2
387	Biochemical and Morphological Changes Triggered by Nitrogen Stress in the Oleaginous Microalga .. <i>Microorganisms</i> , 2022 , 10,	4.9	3
386	Exploration of Microalgal Species for Nutrient Removal from Anaerobically Digested Swine Wastewater and Potential Lipids Production.. <i>Microorganisms</i> , 2021 , 9,	4.9	4
385	Regulatory Effect of Resveratrol on Inflammation Induced by Lipopolysaccharides Reprogramming Intestinal Microbes and Ameliorating Serum Metabolism Profiles. <i>Frontiers in Immunology</i> , 2021 , 12, 777159	8.4	1
384	Liquid embolic agents for interventional embolization 2021 , 1, 39-39		1
383	Roles of Macrophages in the Development and Treatment of Gut Inflammation. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 625423	5.7	23
382	Epigallocatechin Gallate Can Protect Mice From Acute Stress Induced by LPS While Stabilizing Gut Microbes and Serum Metabolites Levels. <i>Frontiers in Immunology</i> , 2021 , 12, 640305	8.4	6
381	Cell membrane-encapsulated nanoparticles for vaccines and immunotherapy. <i>Particuology</i> , 2021 , 64, 35-35	2.8	3
380	Gain an advantage from both sides: Smart size-shrinkable drug delivery nanosystems for high accumulation and deep penetration. <i>Nano Today</i> , 2021 , 36, 101038	17.9	16
379	Multi-Responsive Bottlebrush-Like Unimolecules Self-Assembled Nano-Riceball for Synergistic Sono-Chemotherapy.. <i>Small Methods</i> , 2021 , 5, e2000416	12.8	26
378	The Landscape of Interactions between Hypoxia-Inducible Factors and Reactive Oxygen Species in the Gastrointestinal Tract. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 8893663	6.7	1
377	General and mild modification of food-derived extracellular vesicles for enhanced cell targeting. <i>Nanoscale</i> , 2021 , 13, 3061-3069	7.7	4
376	Potential role of Lactobacillus plantarum in colitis induced by dextran sulfate sodium through altering gut microbiota and host metabolism in murine model. <i>Science China Life Sciences</i> , 2021 , 64, 1906-1916	8.5	7
375	Ultrasound activated nanosensitizers for sonodynamic therapy and theranostics. <i>Biomedical Materials (Bristol)</i> , 2021 , 16, 022008	3.5	5
374	Organic Sonosensitizers for Sonodynamic Therapy: From Small Molecules and Nanoparticles toward Clinical Development. <i>Small</i> , 2021 , 17, e2101976	11	16
373	Selenomethionine activates selenoprotein S, suppresses Fas/FasL and the mitochondrial pathway, and reduces Escherichia coli-induced apoptosis of bovine mammary epithelial cells. <i>Journal of Dairy Science</i> , 2021 , 104, 10171-10182	4	2

372	Genetically Engineered Cellular Membrane Vesicles as Tailorable Shells for Therapeutics. <i>Advanced Science</i> , 2021 , 8, e2100460	13.6	8
371	and Alleviate Intestinal Inflammation and Microbial Disorder Induced by ETEC in a Murine Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 6867962	6.7	2
370	Effects of IQW and IRW on Inflammation and Gut Microbiota in ETEC-Induced Diarrhea. <i>Mediators of Inflammation</i> , 2021 , 2021, 2752265	4.3	1
369	Artificial nanocage-based 3D framework platforms: From construction design to biomedical applications. <i>Chemical Engineering Journal</i> , 2021 , 426, 131891	14.7	1
368	Fluorine-mediated synthesis of anisotropic iron oxide nanostructures for efficient -weighted magnetic resonance imaging. <i>Nanoscale</i> , 2021 , 13, 7638-7647	7.7	4
367	Enhanced drug retention by anthracene crosslinked nanocomposites for bimodal imaging-guided phototherapy. <i>Nanoscale</i> , 2021 , 13, 14713-14722	7.7	1
366	Surface engineering of oncolytic adenovirus for a combination of immune checkpoint blockade and virotherapy. <i>Biomaterials Science</i> , 2021 , 9, 7392-7401	7.4	2
365	The Protective Role of Probiotics against Colorectal Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 8884583	6.7	7
364	Cell membrane-derived biomimetic nanodecoys for viruses. <i>Science China Life Sciences</i> , 2020 , 63, 1254-1256	12.5	3
363	Multimodal Photoacoustic Imaging-Guided Regression of Corneal Neovascularization: A Non-Invasive and Safe Strategy. <i>Advanced Science</i> , 2020 , 7, 2000346	13.6	12
362	Administration of Exogenous Melatonin Improves the Diurnal Rhythms of the Gut Microbiota in Mice Fed a High-Fat Diet. <i>MSystems</i> , 2020 , 5,	7.6	34
361	The blooming intersection of transcatheter hepatic artery chemoembolization and nanomedicine. <i>Chinese Chemical Letters</i> , 2020 , 31, 1375-1381	8.1	7
360	Mimovirus Vesicle-Based Biological Orthogonal Reaction for Cancer Diagnosis. <i>Small Methods</i> , 2020 , 4, 2000291	12.8	9
359	Vesicular antibodies for immunotherapy: The blooming intersection of nanotechnology and biotechnology. <i>Nano Today</i> , 2020 , 34, 100896	17.9	5
358	Changes in microelement availability in a paddy field exposed to long-term atmospheric CO ₂ enrichment. <i>Journal of Soils and Sediments</i> , 2020 , 20, 2439-2445	3.4	2
357	A fast chemical oxidation method for predicting the long-term mineralization of biochar in soils. <i>Science of the Total Environment</i> , 2020 , 718, 137390	10.2	8
356	Ultrasound-Switchable Nanozyme Augments Sonodynamic Therapy against Multidrug-Resistant Bacterial Infection. <i>ACS Nano</i> , 2020 , 14, 2063-2076	16.7	124
355	A Self-Assembled α -Synuclein Nanoscavenger for Parkinson's Disease. <i>ACS Nano</i> , 2020 , 14, 1533-1549	16.7	33

354	Photoacoustic Imaging-Trackable Magnetic Microswimmers for Pathogenic Bacterial Infection Treatment. <i>ACS Nano</i> , 2020 , 14, 2880-2893	16.7	75
353	Bio-engineered cell membrane nanovesicles as precision theranostics for perihilar cholangiocarcinoma. <i>Biomaterials Science</i> , 2020 , 8, 1575-1579	7.4	6
352	Activatable Fluorescence Probes for "Turn-On" and Ratiometric Biosensing and Bioimaging: From NIR-I to NIR-II. <i>Bioconjugate Chemistry</i> , 2020 , 31, 276-292	6.3	75
351	TRAIL-expressing cell membrane nanovesicles as an anti-inflammatory platform for rheumatoid arthritis therapy. <i>Journal of Controlled Release</i> , 2020 , 320, 304-313	11.7	38
350	Gambogic acid augments black phosphorus quantum dots (BPQDs)-based synergistic chemo-photothermal therapy through downregulating heat shock protein expression. <i>Chemical Engineering Journal</i> , 2020 , 390, 124312	14.7	50
349	Pyridine-Embedded Phenothiazinium Dyes as Lysosome-Targeted Photosensitizers for Highly Efficient Photodynamic Antitumor Therapy. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 4896-4907	8.3	17
348	Rational engineering of ferritin nanocages for targeted therapy of osteoarthritis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 28, 102210	6	7
347	A superstable homogeneous lipiodol-ICG formulation for locoregional hepatocellular carcinoma treatment. <i>Journal of Controlled Release</i> , 2020 , 323, 635-643	11.7	23
346	Nano-Medicine for Thrombosis: A Precise Diagnosis and Treatment Strategy. <i>Nano-Micro Letters</i> , 2020 , 12, 96	19.5	16
345	Formation of Nanotheranostics to Overcome the Blood-Brain Barrier and Enhance Treatment of Orthotopic Glioma. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 26880-26892	9.5	16
344	Cyclooxygenase-2 modulates ER-mitochondria crosstalk to mediate superparamagnetic iron oxide nanoparticles induced hepatotoxicity: an and study. <i>Nanotoxicology</i> , 2020 , 14, 162-180	5.3	6
343	Oxidative stress-driven DR5 upregulation restores TRAIL/Apo2L sensitivity induced by iron oxide nanoparticles in colorectal cancer. <i>Biomaterials</i> , 2020 , 233, 119753	15.6	17
342	Sulfur-containing amino acid supplementation to gilts from late pregnancy to lactation altered offspring's intestinal microbiota and plasma metabolites. <i>Applied Microbiology and Biotechnology</i> , 2020 , 104, 1227-1242	5.7	13
341	Three-dimensional label-free imaging of mammalian yolk sac vascular remodeling with optical resolution photoacoustic microscopy. <i>Photoacoustics</i> , 2020 , 17, 100152	9	7
340	Maltohexaose-based probes for bacteria-specific imaging: Great sensitivity, specificity and translational potential. <i>Chinese Chemical Letters</i> , 2020 , 31, 1049-1050	8.1	1
339	Metal-organic frameworks nanoswitch: Toward photo-controllable endo/lysosomal rupture and release for enhanced cancer RNA interference. <i>Nano Research</i> , 2020 , 13, 238-245	10	26
338	Photoacoustic reporter genes for noninvasive molecular imaging and theranostics. <i>Journal of Innovative Optical Health Sciences</i> , 2020 , 13, 2030005	1.2	3
337	Sonoactivated Nanoantimicrobials: A Potent Armament in the Postantibiotic Era.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 7255-7264	4.1	2

336	Dietary polyphenols in lipid metabolism: A role of gut microbiome. <i>Animal Nutrition</i> , 2020 , 6, 404-409	4.8	9
335	Near-Infrared-Activated Lysosome Pathway Death Induced by ROS Generated from Layered Double Hydroxide-Copper Sulfide Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 40673-40683	9.5	18
334	Increases the Abundance of and Affects the Serum Metabolome to Alleviate DSS-Induced Colitis in a Murine Model. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 591408	5.7	12
333	Bioinspired liquid gating membrane-based catheter with anticoagulation and positionally drug release properties. <i>Science Advances</i> , 2020 , 6,	14.3	16
332	Sonoactivated Chemodynamic Therapy: A Robust ROS Generation Nanotheranostic Eradicates Multidrug-Resistant Bacterial Infection. <i>Advanced Functional Materials</i> , 2020 , 30, 2003587	15.6	47
331	Mitochondria-Targeted Antioxidants: A Step towards Disease Treatment. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 8837893	6.7	26
330	The potential role of sucrose transport gene expression in the photosynthetic and yield response of rice cultivars to future CO ₂ concentration. <i>Physiologia Plantarum</i> , 2020 , 168, 218-226	4.6	7
329	Engineering the surface of Gd ₂ O ₃ nanoplates for improved T1-weighted magnetic resonance imaging. <i>Chemical Engineering Journal</i> , 2020 , 380, 122473	14.7	12
328	Advances and perspectives in near-infrared fluorescent organic probes for surgical oncology. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020 , 12, e1635	9.2	12
327	Melanin-Like Nanomaterials for Advanced Biomedical Applications: A Versatile Platform with Extraordinary Promise. <i>Advanced Science</i> , 2020 , 7, 1903129	13.6	54
326	Cartilage-targeting and dual MMP-13/pH responsive theranostic nanoprobe for osteoarthritis imaging and precision therapy. <i>Biomaterials</i> , 2019 , 225, 119520	15.6	48
325	Tumor-Microenvironment-Activatable Nanoreactor Based on a Polyprodrug for Multimodal-Imaging-Medicated Enhanced Cancer Chemo/Phototherapy. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 40704-40715	9.5	20
324	A single-step multi-level supramolecular system for cancer sonotheranostics. <i>Nanoscale Horizons</i> , 2019 , 4, 190-195	10.8	48
323	Surface-engineered multimodal magnetic nanoparticles to manage CNS diseases. <i>Drug Discovery Today</i> , 2019 , 24, 873-882	8.8	42
322	The impact of different levels of cysteine on the plasma metabolomics and intestinal microflora of sows from late pregnancy to lactation. <i>Food and Function</i> , 2019 , 10, 691-702	6.1	16
321	Effects of dietary gamma-aminobutyric acid supplementation on the intestinal functions in weaning piglets. <i>Food and Function</i> , 2019 , 10, 366-378	6.1	29
320	Elevated CO ₂ -induced changes in cytokinin and nitrogen metabolism are associated with different responses in the panicle architecture of two contrasting rice genotypes. <i>Plant Growth Regulation</i> , 2019 , 89, 119-129	3.2	7
319	Sono-Immunotherapeutic Nanocapturer to Combat Multidrug-Resistant Bacterial Infections. <i>Advanced Materials</i> , 2019 , 31, e1902530	24	90

318	Metal-Organic Framework Nanoparticle-Based Biomineralization: A New Strategy toward Cancer Treatment. <i>Theranostics</i> , 2019 , 9, 3134-3149	12.1	49
317	Antimicrobial activity of anthocyanins and catechins against foodborne pathogens <i>Escherichia coli</i> and <i>Salmonella</i> . <i>Food Control</i> , 2019 , 106, 106712	6.2	53
316	Biological Effects and Applications of Chitosan and Chito-Oligosaccharides. <i>Frontiers in Physiology</i> , 2019 , 10, 516	4.6	53
315	An Albumin Sandwich Enhances in Vivo Circulation and Stability of Metabolically Labile Peptides. <i>Bioconjugate Chemistry</i> , 2019 , 30, 1711-1723	6.3	7
314	Macleaya cordata extract alleviated oxidative stress and altered innate immune response in mice challenged with enterotoxigenic <i>Escherichia coli</i> . <i>Science China Life Sciences</i> , 2019 , 62, 1019-1027	8.5	29
313	Egg Protein Transferrin-Derived Peptides IRW and IQW Regulate -Induced, Inflammation-Related Microbial and Metabolomic Profiles. <i>Frontiers in Microbiology</i> , 2019 , 10, 643	5.7	20
312	Agonist c-Met Monoclonal Antibody Augments the Proliferation of hiPSC-derived Hepatocyte-Like Cells and Improves Cell Transplantation Therapy for Liver Failure in Mice. <i>Theranostics</i> , 2019 , 9, 2115-2128	12.1	9
311	Environmentally responsive dual-targeting nanotheranostics for overcoming cancer multidrug resistance. <i>Science Bulletin</i> , 2019 , 64, 705-714	10.6	13
310	Vesicular Antibodies: A Bioactive Multifunctional Combination Platform for Targeted Therapeutic Delivery and Cancer Immunotherapy. <i>Advanced Materials</i> , 2019 , 31, e1808294	24	32
309	Monodisperse and Uniform Mesoporous Silicate Nanosensitizers Achieve Low-Dose X-Ray-Induced Deep-Penetrating Photodynamic Therapy. <i>Advanced Materials</i> , 2019 , 31, e1808024	24	68
308	Biochar application as a tool to decrease soil nitrogen losses (NH volatilization, N ₂ O emissions, and N leaching) from croplands: Options and mitigation strength in a global perspective. <i>Global Change Biology</i> , 2019 , 25, 2077-2093	11.4	77
307	Ferritin nanocage-based antigen delivery nanoplatfoms: epitope engineering for peptide vaccine design. <i>Biomaterials Science</i> , 2019 , 7, 1794-1800	7.4	12
306	Genetically Engineered Cell Membrane Nanovesicles for Oncolytic Adenovirus Delivery: A Versatile Platform for Cancer Virotherapy. <i>Nano Letters</i> , 2019 , 19, 2993-3001	11.5	69
305	Successive modification of polydentate complexes gives access to planar carbon- and nitrogen-based ligands. <i>Nature Communications</i> , 2019 , 10, 1488	17.4	9
304	HIF-prolyl hydroxylase 2 silencing using siRNA delivered by MRI-visible nanoparticles improves therapy efficacy of transplanted EPCs for ischemic stroke. <i>Biomaterials</i> , 2019 , 197, 229-243	15.6	17
303	Depth-Resolved Enhanced Spectral-Domain OCT Imaging of Live Mammalian Embryos Using Gold Nanoparticles as Contrast Agent. <i>Small</i> , 2019 , 15, e1902346	11	12
302	Fe(III)-Porphyrin Sonotheranostics: A Green Triple-Regulated ROS Generation Nanoplatfom for Enhanced Cancer Imaging and Therapy. <i>Advanced Functional Materials</i> , 2019 , 29, 1904056	15.6	77
301	Crosstalk between the Ketogenic Diet and Epilepsy: From the Perspective of Gut Microbiota. <i>Mediators of Inflammation</i> , 2019 , 2019, 8373060	4.3	22

300	Deoxynivalenol-Induced Cytotoxicity and Apoptosis in IPEC-J2 Cells Through the Activation of Autophagy by Inhibiting PI3K-AKT-mTOR Signaling Pathway. <i>ACS Omega</i> , 2019 , 4, 18478-18486	3.9	15
299	Artificial Engineered Natural Killer Cells Combined with Antiheat Endurance as a Powerful Strategy for Enhancing Photothermal-Immunotherapy Efficiency of Solid Tumors. <i>Small</i> , 2019 , 15, e1902636	11	28
298	Alleviates DSS-Induced Colitis by Reprogramming Intestinal Microbiota and Influencing Serum Metabolome in Murine Model. <i>Frontiers in Physiology</i> , 2019 , 10, 1152	4.6	18
297	Enzyme-Catalytic Self-Triggered Release of Drugs from a Nanosystem for Efficient Delivery to Nuclei of Tumor Cells. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 43581-43587	9.5	14
296	Impact of sulfur-containing amino acids on the plasma metabolomics and intestinal microflora of the sow in late pregnancy. <i>Food and Function</i> , 2019 , 10, 5910-5921	6.1	3
295	Multifunctional Polymeric Carrier for Co-Delivery of MRI Contrast Agents and siRNA to Tumors. <i>Journal of Biomedical Nanotechnology</i> , 2019 , 15, 1764-1770	4	11
294	Green Synthesized Nanomaterials as Theranostic Platforms for Cancer Treatment: Principles, Challenges and the Road Ahead. <i>Current Medicinal Chemistry</i> , 2019 , 26, 1311-1327	4.3	13
293	MicroRNA Determines the Fate of Intestinal Epithelial Cell Differentiation and Regulates Intestinal Diseases. <i>Current Protein and Peptide Science</i> , 2019 , 20, 666-673	2.8	9
292	Genetically Engineered Plasma Membrane Nanovesicles for Cancer-Targeted Nanotheranostics. <i>Methods in Molecular Biology</i> , 2019 , 2054, 283-294	1.4	3
291	IRW and IQW Reduce Colitis-Associated Cancer Risk by Alleviating DSS-Induced Colonic Inflammation. <i>BioMed Research International</i> , 2019 , 2019, 6429845	3	4
290	Modulatory Mechanisms of the NLRP3 Inflammasomes in Diabetes. <i>Biomolecules</i> , 2019 , 9,	5.9	62
289	Multifunctional Ferritin Nanoparticles as Theranostics for Imaging-Guided Tumor Phototherapy. <i>Journal of Biomedical Nanotechnology</i> , 2019 , 15, 1546-1555	4	7
288	Impacts of Mo application on biological nitrogen fixation and diazotrophic communities in a flooded rice-soil system. <i>Science of the Total Environment</i> , 2019 , 649, 686-694	10.2	30
287	Self-Luminescing Theranostic Nanoreactors with Intraparticle Relayed Energy Transfer for Tumor Microenvironment Activated Imaging and Photodynamic Therapy. <i>Theranostics</i> , 2019 , 9, 20-33	12.1	32
286	Zinc(II)-Dipicolylamine Coordination Nanotheranostics: Toward Synergistic Nanomedicine by Combined Photo/Gene Therapy. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 269-272	16.4	82
285	Metal-Organic Framework-Based Stimuli-Responsive Systems for Drug Delivery. <i>Advanced Science</i> , 2019 , 6, 1801526	13.6	302
284	Mineral iron based self-assembling: bridging the small molecular drugs and transformative application. <i>Science Bulletin</i> , 2019 , 64, 216-218	10.6	3
283	Starburst Diblock Polyprodrugs: Reduction-Responsive Unimolecular Micelles with High Drug Loading and Robust Micellar Stability for Programmed Delivery of Anticancer Drugs. <i>Biomacromolecules</i> , 2019 , 20, 1190-1202	6.9	29

282	Bacteria-Responsive Nanoliposomes as Smart Sonotheranostics for Multidrug Resistant Bacterial Infections. <i>ACS Nano</i> , 2019 , 13, 2427-2438	16.7	95
281	High-content analysis for mitophagy response to nanoparticles: A potential sensitive biomarker for nanosafety assessment. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 15, 59-69	6	13
280	Low-Dose X-ray Activation of W(VI)-Doped Persistent Luminescence Nanoparticles for Deep-Tissue Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2018 , 28, 1707496	15.6	120
279	Noninvasive magnetic resonance/photoacoustic imaging for photothermal therapy response monitoring. <i>Nanoscale</i> , 2018 , 10, 5864-5868	7.7	19
278	Size-dependent superparamagnetic iron oxide nanoparticles dictate interleukin-1 β release from mouse bone marrow-derived macrophages. <i>Journal of Applied Toxicology</i> , 2018 , 38, 978-986	4.1	20
277	Deposition and transport of trace mineral elements were affected by stocking density in fattening pigs. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018 , 50, 566-571	4.1	2
276	Metabolic Regulation of Methionine Restriction in Diabetes. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, e1700951	5.9	25
275	Novel Intrapolymerization Doped Manganese-Eumelanin Coordination Nanocomposites with Ultrahigh Relaxivity and Their Application in Tumor Theranostics. <i>Advanced Science</i> , 2018 , 5, 1800032	13.6	29
274	Imaging Nano-Bio Interactions in the Kidney: Toward a Better Understanding of Nanoparticle Clearance. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 3008-3010	16.4	60
273	Eumelanin-FeO hybrid nanoparticles for enhanced MR/PA imaging-assisted local photothermolysis. <i>Biomaterials Science</i> , 2018 , 6, 586-595	7.4	13
272	Genetically Engineered Liposome-like Nanovesicles as Active Targeted Transport Platform. <i>Advanced Materials</i> , 2018 , 30, 1705350	24	119
271	Polysaccharide-Based Controlled Release Systems for Therapeutics Delivery and Tissue Engineering: From Bench to Bedside. <i>Advanced Science</i> , 2018 , 5, 1700513	13.6	137
270	Chemotherapeutic Drug Based Metal-Organic Particles for Microvesicle-Mediated Deep Penetration and Programmable pH/NIR/Hypoxia Activated Cancer Photochemotherapy. <i>Advanced Science</i> , 2018 , 5, 1700648	13.6	50
269	Porous hollow palladium nanoplatform for imaging-guided trimodal chemo-, photothermal-, and radiotherapy. <i>Nano Research</i> , 2018 , 11, 2796-2808	10	26
268	Biomimetic synthesis of nanovesicles for targeted drug delivery. <i>Science Bulletin</i> , 2018 , 63, 663-665	10.6	8
267	Bildgebung von Nano-Bio-Interaktionen in der Niere: Für ein besseres Verständnis der Nanopartikel-Clearance. <i>Angewandte Chemie</i> , 2018 , 130, 3060-3062	3.6	
266	Smart Gold Nanoparticle-Stabilized Ultrasound Microbubbles as Cancer Theranostics. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 3235-3239	7.3	11
265	How does biochar influence soil N cycle? A meta-analysis. <i>Plant and Soil</i> , 2018 , 426, 211-225	4.2	115

264	NanoTRAIL-Oncology: A Strategic Approach in Cancer Research and Therapy. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1800053	10.1	7
263	Near-Infrared Light-Triggered Polymeric Nanomicelles for Cancer Therapy and Imaging. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 1928-1941	5.5	31
262	Hyperhomocysteinemia and cardiovascular disease in animal model. <i>Amino Acids</i> , 2018 , 50, 3-9	3.5	24
261	Metalla-aromatic loaded magnetic nanoparticles for MRI/photoacoustic imaging-guided cancer phototherapy. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 2528-2535	7.3	28
260	Melatonin alleviates weanling stress in mice: Involvement of intestinal microbiota. <i>Journal of Pineal Research</i> , 2018 , 64, e12448	10.4	85
259	Gadolinium-Encapsulated Graphene Carbon Nanotheranostics for Imaging-Guided Photodynamic Therapy. <i>Advanced Materials</i> , 2018 , 30, e1802748	24	101
258	Advancing the Pharmaceutical Potential of Bioinorganic Hybrid Lipid-Based Assemblies. <i>Advanced Science</i> , 2018 , 5, 1800564	13.6	10
257	Multi-parameter MRI to investigate vasculature modulation and photo-thermal ablation combination therapy against cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 2179-2189	6	2
256	Magnetosome Modification: From Bio-Nano Engineering Toward Nanomedicine. <i>Advanced Therapeutics</i> , 2018 , 1, 1800080	4.9	11
255	Self-Quenched Metal-Organic Particles as Dual-Mode Therapeutic Agents for Photoacoustic Imaging-Guided Second Near-Infrared Window Photochemotherapy. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 25203-25212	9.5	52
254	Gut Microbiota and Type 1 Diabetes. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	79
253	Impact of the Gut Microbiota on Intestinal Immunity Mediated by Tryptophan Metabolism. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 13	5.9	458
252	Intestinal microbiota in growing pigs: effects of stocking density. <i>Food and Agricultural Immunology</i> , 2018 , 29, 524-535	2.9	1
251	Effects of different levels of methionine on sow health and plasma metabolomics during late gestation. <i>Food and Function</i> , 2018 , 9, 4979-4988	6.1	19
250	Bioinspired Artificial Nanodecoys for Hepatitis B Virus. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 12499-12503	16.4	34
249	Effects of Bioactive Peptide on Inflammatory Bowel Disease, Focus on Signal Transduction and Intestinal Microbiota. <i>Current Pharmaceutical Design</i> , 2018 , 24, 2782-2788	3.3	3
248	Serine prevented high-fat diet-induced oxidative stress by activating AMPK and epigenetically modulating the expression of glutathione synthesis-related genes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018 , 1864, 488-498	6.9	67
247	Metal ion assisted interface re-engineering of a ferritin nanocage for enhanced biofunctions and cancer therapy. <i>Nanoscale</i> , 2018 , 10, 1135-1144	7.7	21

246	Size-Controlled Biocompatible Silver Nanoplates for Contrast-Enhanced Intravital Photoacoustic Mapping of Tumor Vasculature. <i>Journal of Biomedical Nanotechnology</i> , 2018 , 14, 1448-1457	4	12
245	Functional probes for cardiovascular molecular imaging. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018 , 8, 838-852	3.6	7
244	Effects of different methionine levels on offspring piglets during late gestation and lactation. <i>Food and Function</i> , 2018 , 9, 5843-5854	6.1	17
243	Effects of IRW and IQW on Oxidative Stress and Gut Microbiota in Dextran Sodium Sulfate-Induced Colitis. <i>Cellular Physiology and Biochemistry</i> , 2018 , 51, 441-451	3.9	26
242	Endoplasmic reticulum stress mediates inflammatory response triggered by ultra-small superparamagnetic iron oxide nanoparticles in hepatocytes. <i>Nanotoxicology</i> , 2018 , 12, 1198-1214	5.3	22
241	Pyrrolidine Dithiocarbamate (PDTTC) Inhibits DON-Induced Mitochondrial Dysfunction and Apoptosis via the NF- κ B/iNOS Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 1324173	6.7	15
240	Lactobacillus reuteri HCM2 protects mice against Enterotoxigenic Escherichia coli through modulation of gut microbiota. <i>Scientific Reports</i> , 2018 , 8, 17485	4.9	13
239	Precise nanomedicine for intelligent therapy of cancer. <i>Science China Chemistry</i> , 2018 , 61, 1503-1552	7.9	256
238	Enterotoxigenic Escherichia coli infection promotes apoptosis in piglets. <i>Microbial Pathogenesis</i> , 2018 , 125, 290-294	3.8	15
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