

Thomas J Webster

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.

275
papers

9,155
citations

45
h-index

87
g-index

308
ext. papers

11,303
ext. citations

6.5
avg, IF

6.89
L-index

#	Paper	IF	Citations
275	Green nanotechnology in cardiovascular tissue engineering 2022 , 237-281		1
274	Nanobiomaterials for three-dimensional bioprinting 2022 , 1-24		0
273	A voyage from 3D to 4D printing in nanomedicine and healthcare: part II.. <i>Nanomedicine</i> , 2022 ,	5.6	1
272	Fabrication of cellulose nanocrystals as potential anticancer drug delivery systems for colorectal cancer treatment.. <i>International Journal of Biological Macromolecules</i> , 2022 ,	7.9	2
271	Complete ablation of tumors using synchronous chemoradiation with bimetallic theranostic nanoparticles. <i>Bioactive Materials</i> , 2022 , 7, 74-84	16.7	14
270	Bioprospecting of novel algal species with nanobiotechnology 2022 , 41-74		0
269	Disposable biosensors based on metal nanoparticles.. <i>Sensors International</i> , 2022 , 100169	6.1	3
268	Accelerated neutral atom beam (ANAB) modified polyethylene for decreased wear and reduced bacteria colonization: An in vitro study.. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022 , 102540	6	0
267	Radiation dose and schedule influence the abscopal effect in a bilateral murine CT26 tumor model.. <i>International Immunopharmacology</i> , 2022 , 108, 108737	5.8	0
266	Improving the self-assembly of bioresponsive nanocarriers by engineering doped nanocarbons: a computational atomistic insight. <i>Scientific Reports</i> , 2021 , 11, 21538	4.9	1
265	Ciprofloxacin-Loaded Gold Nanoparticles against Antimicrobial Resistance: An In Vivo Assessment. <i>Nanomaterials</i> , 2021 , 11,	5.4	6
264	The promising use of nano-molecular imprinted templates for improved SARS-CoV-2 detection, drug delivery and research. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 305	9.4	5
263	A Novel Para-Amino Salicylic Acid Magnesium Layered Hydroxide Nanocomposite Anti-Tuberculosis Drug Delivery System with Enhanced in vitro Therapeutic and Anti-Inflammatory Properties. <i>International Journal of Nanomedicine</i> , 2021 , 16, 7035-7050	7.3	0
262	Nanocarrier drug resistant tumor interactions: novel approaches to fight drug resistance in cancer. 2021 , 4, 264-297		
261	Green Synthesis of FeO Nanoparticles Stabilized by a Fruit Peel Extract for Hyperthermia and Anticancer Activities. <i>International Journal of Nanomedicine</i> , 2021 , 16, 2515-2532	7.3	16
260	Recent progress and challenges for polymeric microsphere compared to nanosphere drug release systems: Is there a real difference?. <i>Bioorganic and Medicinal Chemistry</i> , 2021 , 33, 116028	3.4	4
259	Antimicrobial Peptide-Functionalized Mesoporous Hydrogels. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 1693-1702	5.5	12

258	Antibacterial behavior of oxynitride glasses as a glassy grain boundary phase for silicon nitride-based ceramics. <i>International Journal of Applied Glass Science</i> , 2021 , 12, 328-336	1.8	0
257	Ubiquitin-proteasome system and the role of its inhibitors in cancer therapy. <i>Open Biology</i> , 2021 , 11, 200390	7	10
256	In situ printing of scaffolds for reconstruction of bone defects. <i>Acta Biomaterialia</i> , 2021 , 127, 313-326	10.8	12
255	Nanoscale pathogens treated with nanomaterial-like peptides: a platform technology appropriate for future pandemics. <i>Nanomedicine</i> , 2021 , 16, 1237-1254	5.6	4
254	Effect of Precursor Deficiency Induced Ca/P Ratio on Antibacterial and Osteoblast Adhesion Properties of Ag-Incorporated Hydroxyapatite: Reducing Ag Toxicity. <i>Materials</i> , 2021 , 14,	3.5	3
253	From Bulk to Nanoparticles: An Overview of Antiviral Materials, Its Mechanisms, and Applications. <i>Particle and Particle Systems Characterization</i> , 2021 , 38, 2100044	3.1	1
252	Effect of Paclitaxel/etoposide co-loaded polymeric nanoparticles on tumor size and survival rate in a rat model of glioblastoma. <i>International Journal of Pharmaceutics</i> , 2021 , 604, 120722	6.5	7
251	Advances in 3D-Printed Surface-Modified Ca-Si Bioceramic Structures and Their Potential for Bone Tumor Therapy. <i>Materials</i> , 2021 , 14,	3.5	1
250	CAR-T cells: Early successes in blood cancer and challenges in solid tumors. <i>Acta Pharmaceutica Sinica B</i> , 2021 , 11, 1129-1147	15.5	15
249	Polymeric Nanoparticles for Nasal Drug Delivery to the Brain: Relevance to Alzheimer's Disease. <i>Advanced Therapeutics</i> , 2021 , 4, 2000076	4.9	20
248	Conductive all-carbon nanotube layers: Results on attractive physicochemical, anti-bacterial, anticancer and biocompatibility properties. <i>Materials Science and Engineering C</i> , 2021 , 120, 111703	8.3	6
247	A novel technique to produce tubular scaffolds based on collagen and elastin. <i>Artificial Organs</i> , 2021 , 45, E113-E122	2.6	8
246	Improved green biosynthesis of chitosan decorated Ag- and CoO-nanoparticles: A relationship between surface morphology, photocatalytic and biomedical applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021 , 32, 102331	6	14
245	Green nanomedicine: the path to the next generation of nanomaterials for diagnosing brain tumors and therapeutics?. <i>Expert Opinion on Drug Delivery</i> , 2021 , 18, 715-736	8	12
244	Recent advances in mesenchymal stem cell membrane-coated nanoparticles for enhanced drug delivery. <i>Biomaterials Science</i> , 2021 , 9, 1088-1103	7.4	18
243	A Study of the Chemistries, Growth Mechanisms, and Antibacterial Properties of Cerium- and Yttrium-Containing Nanoparticles. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 1787-1807	5.5	1
242	Nanobiosensors for theranostic applications 2021 , 511-543		3
241	Emerging theranostic silver and gold nanobiomaterials for breast cancer: Present status and future prospects 2021 , 439-456		9

240	Bi2O3 nano-flakes as a cost-effective antibacterial agent. <i>Nanoscale Advances</i> , 2021 , 3, 4106-4118	5.1	4
239	Patents, technology transfer, and commercialization aspects of biogenic nanoparticles 2021 , 323-339		
238	Antimicrobial Double-Layer Wound Dressing Based on Chitosan/Polyvinyl Alcohol/Copper: In vitro and in vivo Assessment. <i>International Journal of Nanomedicine</i> , 2021 , 16, 223-235	7.3	24
237	Potential immuno-nanomedicine strategies to fight COVID-19 like pulmonary infections. <i>Nano Today</i> , 2021 , 36, 101051	17.9	38
236	Engineering multifunctional bactericidal nanofibers for abdominal hernia repair. <i>Communications Biology</i> , 2021 , 4, 233	6.7	9
235	Nanotechnology-assisted microfluidic systems: from bench to bedside. <i>Nanomedicine</i> , 2021 , 16, 237-258	5.6	16
234	Aloe Vera-Mediated Te Nanostructures: Highly Potent Antibacterial Agents and Moderated Anticancer Effects. <i>Nanomaterials</i> , 2021 , 11,	5.4	8
233	Biological Applications of Severely Plastically Deformed Nano-Grained Medical Devices: A Review. <i>Nanomaterials</i> , 2021 , 11,	5.4	5
232	Bioinspired hydrogels build a bridge from bench to bedside. <i>Nano Today</i> , 2021 , 39, 101157	17.9	5
231	The Use of Infrapatellar Fat Pad-Derived Mesenchymal Stem Cells in Articular Cartilage Regeneration: A Review. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
230	Calcium-based nanomaterials and their interrelation with chitosan: optimization for pCRISPR delivery. <i>Journal of Nanostructure in Chemistry</i> , 2021 , 1-14	7.6	4
229	Synthesis of naringenin loaded lipid based nanocarriers and their in-vivo therapeutic potential in a rheumatoid arthritis model. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 66, 102854	4.5	1
228	The colorful world of carotenoids: a profound insight on therapeutics and recent trends in nano delivery systems. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-40	11.5	8
227	ROS-Responsive Chitosan Coated Magnetic Iron Oxide Nanoparticles as Potential Vehicles for Targeted Drug Delivery in Cancer Therapy. <i>International Journal of Nanomedicine</i> , 2020 , 15, 3333-3346	7.3	17
226	Enzymatic Synthesis of Ricinoleyl Hydroxamic Acid Based on Commercial Castor Oil, Cytotoxicity Properties and Application as a New Anticancer Agent. <i>International Journal of Nanomedicine</i> , 2020 , 15, 2935-2945	7.3	1
225	Circulating tumor-cell-targeting Au-nanocage-mediated bimodal phototherapeutic properties enriched by magnetic nanocores. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 5460-5471	7.3	4
224	Emerging Antineoplastic Biogenic Gold Nanomaterials for Breast Cancer Therapeutics: A Systematic Review. <i>International Journal of Nanomedicine</i> , 2020 , 15, 3577-3595	7.3	34
223	siVEGF-loaded nanoparticle uptake by tumor-associated vascular endothelial cells for hepatocellular carcinoma. <i>Nanomedicine</i> , 2020 ,	5.6	2

222	Electroconductive Nanobiomaterials for Tissue Engineering and Regenerative Medicine. <i>Bioelectricity</i> , 2020 , 2, 120-149	2	24
221	Development of a novel carboxamide-based off-on switch fluorescence sensor: Hg ²⁺ , Zn ²⁺ and Cd ²⁺ . <i>New Journal of Chemistry</i> , 2020 , 44, 11841-11852	3.6	14
220	Biodegradable Nanopolymers in Cardiac Tissue Engineering: From Concept Towards Nanomedicine. <i>International Journal of Nanomedicine</i> , 2020 , 15, 4205-4224	7.3	45
219	Aptamer Hybrid Nanocomplexes as Targeting Components for Antibiotic/Gene Delivery Systems and Diagnostics: A Review. <i>International Journal of Nanomedicine</i> , 2020 , 15, 4237-4256	7.3	18
218	Paclitaxel/methotrexate co-loaded PLGA nanoparticles in glioblastoma treatment: Formulation development and in vitro antitumor activity evaluation. <i>Life Sciences</i> , 2020 , 256, 117943	6.8	16
217	Implementation of PPI with Nano Amorphous Oxide Semiconductor Devices for Medical Applications. <i>International Journal of Nanomedicine</i> , 2020 , 15, 1863-1870	7.3	2
216	Green nanotechnology-based zinc oxide (ZnO) nanomaterials for biomedical applications: a review. <i>JPhys Materials</i> , 2020 , 3, 034005	4.2	34
215	Applications of Inorganic Nanomaterials in Photothermal Therapy Based on Combinational Cancer Treatment. <i>International Journal of Nanomedicine</i> , 2020 , 15, 1903-1914	7.3	56
214	Bismuth-Based Nanomaterials: Recent Advances in Tumor Targeting and Synergistic Cancer Therapy Techniques. <i>Advanced Healthcare Materials</i> , 2020 , 9, e1901695	10.1	21
213	Three-Dimensional Printing Biologically Inspired DNA-Based Gradient Scaffolds for Cartilage Tissue Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 33219-33228	9.5	35
212	Artemisinin Loaded mPEG-PCL Nanoparticle Based Photosensitive Gelatin Methacrylate Hydrogels for the Treatment of Gentamicin Induced Hearing Loss. <i>International Journal of Nanomedicine</i> , 2020 , 15, 4591-4606	7.3	5
211	Burgeoning Polymer Nano Blends for Improved Controlled Drug Release: A Review. <i>International Journal of Nanomedicine</i> , 2020 , 15, 4363-4392	7.3	40
210	Hydroxyapatite and TCP modified PMMA-TiO and PMMA-ZrO coatings for bioactive corrosion protection of Ti6Al4V implants. <i>Materials Science and Engineering C</i> , 2020 , 116, 111149	8.3	17
209	Naked Selenium Nanoparticles for Antibacterial and Anticancer Treatments. <i>ACS Omega</i> , 2020 , 5, 2660-2669	5.6	60
208	Nanoscale 3D Bioprinting for Osseous Tissue Manufacturing. <i>International Journal of Nanomedicine</i> , 2020 , 15, 215-226	7.3	10
207	Macrophage escape by cholesterol-polyoxyethylene sorbitol oleate micelles for pulmonary delivery. <i>Nanomedicine</i> , 2020 , 15, 489-509	5.6	2
206	Short Communication: Fructose-Enhanced Antibacterial Activity of Self-Assembled Nano-Peptide Amphiphiles for Treating Antibiotic-Resistant Bacteria. <i>International Journal of Nanomedicine</i> , 2020 , 15, 513-519	7.3	6
205	Biosensors for Detection of Marine Toxins 2020 , 329-356		3

204	Green nanotechnology-based drug delivery systems for osteogenic disorders. <i>Expert Opinion on Drug Delivery</i> , 2020 , 17, 341-356	8	19
203	Green Synthesis of Zeolite/FeO Nanocomposites: Toxicity & Cell Proliferation Assays and Application as a Smart Iron Nanofertilizer. <i>International Journal of Nanomedicine</i> , 2020 , 15, 1005-1020	7.3	26
202	Design of heterostructured hybrids comprising ultrathin 2D bismuth tungstate nanosheets reinforced by chloramphenicol imprinted polymers used as biomimetic interfaces for mass-sensitive detection. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 188, 110775	6	6
201	Green Synthesized BSA-Coated Selenium Nanoparticles Inhibit Bacterial Growth While Promoting Mammalian Cell Growth. <i>International Journal of Nanomedicine</i> , 2020 , 15, 115-124	7.3	13
200	Fabrication of Polymeric Microparticles by Electrospray: The Impact of Experimental Parameters. <i>Journal of Functional Biomaterials</i> , 2020 , 11,	4.8	21
199	Novel Silver-Platinum Nanoparticles for Anticancer and Antimicrobial Applications. <i>International Journal of Nanomedicine</i> , 2020 , 15, 169-179	7.3	19
198	A highly accurate methodology for the prediction and correlation of mechanical properties based on the slimmness ratio of additively manufactured tensile test specimens. <i>Journal of Materials Science</i> , 2020 , 55, 9578-9596	4.3	5
197	A Soluplus/Poloxamer 407-based self-nanoemulsifying drug delivery system for the weakly basic drug carvedilol to improve its bioavailability. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 27, 102199	6	6
196	The Pimpled Gold Nanosphere: A Superior Candidate for Plasmonic Photothermal Therapy. <i>International Journal of Nanomedicine</i> , 2020 , 15, 2903-2920	7.3	13
195	Synthesis of SPIONs-CNT Based Novel Nanocomposite for Effective Amperometric Sensing of First-Line Antituberculosis Drug Rifampicin. <i>Journal of Nanoscience and Nanotechnology</i> , 2020 , 20, 2130-2137	1.3	5
194	Green Nanotechnology-based Gold Nanomaterials for Hepatic Cancer Therapeutics: A Systematic Review. <i>Iranian Journal of Pharmaceutical Research</i> , 2020 , 19, 3-17	1.1	8
193	Development of a nano biosensor for anti-gliadin detection for Celiac disease based on suspension microarrays. <i>Biomedical Physics and Engineering Express</i> , 2020 , 6, 055015	1.5	6
192	Co-delivery of Poria cocos extract and doxorubicin as an all-in-one nanocarrier to combat breast cancer multidrug resistance during chemotherapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 23, 102095	6	15
191	Wound dressings functionalized with silver nanoparticles: promises and pitfalls. <i>Nanoscale</i> , 2020 , 12, 2268-2291	7.7	118
190	Iron oxide nanoparticle core-shell magnetic microspheres: Applications toward targeted drug delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 24, 102134	6	16
189	Advances in dual functional antimicrobial and osteoinductive biomaterials for orthopaedic applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 24, 102143	6	28
188	A Review on the Biodistribution, Pharmacokinetics and Toxicity of Bismuth-Based Nanomaterials. <i>International Journal of Nanomedicine</i> , 2020 , 15, 7079-7096	7.3	11
187	High-gravity-assisted green synthesis of palladium nanoparticles: the flowering of nanomedicine. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 30, 102297	6	16

186	Modeling and Mechanism of Enhanced Performance of In-Ga-Zn-O Thin-Film Transistors with Nanometer Thicknesses under Temperature Stress. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 22793-22798	3.8	1
185	3D Bioprinting in Tissue Engineering for Medical Applications: The Classic and the Hybrid. <i>Polymers</i> , 2020 , 12,	4.5	36
184	Flexible and Transparent Artificial Synapse Devices Based on Thin-Film Transistors with Nanometer Thickness. <i>International Journal of Nanomedicine</i> , 2020 , 15, 8037-8043	7.3	5
183	Nano liposomal and cubosomal formulations with platinum-based anticancer agents: therapeutic advances and challenges. <i>Nanomedicine</i> , 2020 , 15, 2399-2410	5.6	7
182	Cetuximab-Coated Thermo-Sensitive Liposomes Loaded with Magnetic Nanoparticles and Doxorubicin for Targeted EGFR-Expressing Breast Cancer Combined Therapy. <i>International Journal of Nanomedicine</i> , 2020 , 15, 8201-8215	7.3	21
181	Needle-injectable microcomposite cryogel scaffolds with antimicrobial properties. <i>Scientific Reports</i> , 2020 , 10, 18370	4.9	9
180	Synthesis, characterization and mechanistic study of nano chitosan tetrazole as a novel and promising platform for CRISPR delivery. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2020 , 1-11	3	15
179	Short Communication: An Updated Design to Implement Artificial Neuron Synaptic Behaviors in One Device with a Control Gate. <i>International Journal of Nanomedicine</i> , 2020 , 15, 6239-6245	7.3	4
178	The Potential Anticancer Activity of 5-Fluorouracil Loaded in Cellulose Fibers Isolated from Rice Straw. <i>International Journal of Nanomedicine</i> , 2020 , 15, 5417-5432	7.3	17
177	Encapsulated Checkpoint Blocker Before Chemotherapy: The Optimal Sequence of Anti-CTLA-4 and Doxil Combination Therapy. <i>International Journal of Nanomedicine</i> , 2020 , 15, 5279-5288	7.3	8
176	Electrospun Nanofibers for Improved Angiogenesis: Promises for Tissue Engineering Applications. <i>Nanomaterials</i> , 2020 , 10,	5.4	44
175	Novel magnetic nanocomposites combining selenium and iron oxide with excellent anti-biofilm properties. <i>Journal of Materials Science</i> , 2020 , 55, 1012-1022	4.3	6
174	Fumaryl diketopiperazine based effervescent microparticles to escape macrophage phagocytosis for enhanced treatment of pneumonia via pulmonary delivery. <i>Biomaterials</i> , 2020 , 228, 119575	15.6	12
173	Biomimetic proteoglycan nanoparticles for growth factor immobilization and delivery. <i>Biomaterials Science</i> , 2020 , 8, 1127-1136	7.4	9
172	A comparison between electrospinning and rotary-jet spinning to produce PCL fibers with low bacteria colonization. <i>Materials Science and Engineering C</i> , 2020 , 111, 110706	8.3	11
171	Dual targeting curcumin loaded alendronate-hyaluronan- octadecanoic acid micelles for improving osteosarcoma therapy. <i>International Journal of Nanomedicine</i> , 2019 , 14, 6425-6437	7.3	22
170	Porous Titanium Surfaces to Control Bacteria Growth: Mechanical Properties and Sulfonated Polyetheretherketone Coatings as Antibiofouling Approaches. <i>Metals</i> , 2019 , 9, 995	2.3	5
169	Ultrasmall gold nanorods: synthesis and glycocalyx-related permeability in human endothelial cells. <i>International Journal of Nanomedicine</i> , 2019 , 14, 319-333	7.3	8

168	Characterization and study of the antibacterial mechanisms of silver nanoparticles prepared with microalgal exopolysaccharides. <i>Materials Science and Engineering C</i> , 2019 , 99, 685-695	8.3	55
167	Greater osteoblast densities due to the addition of amphiphilic peptide nanoparticles to nano hydroxyapatite coatings. <i>International Journal of Nanomedicine</i> , 2019 , 14, 3265-3272	7.3	4
166	Recent Advances in Nanostructured Polymer Composites for Biomedical Applications 2019 , 21-52		3
165	Hydrothermal treatment of etched titanium: A potential surface nano-modification technique for enhanced biocompatibility. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 20, 102016	6	28
164	One-Transistor Memory Compatible with Si-Based Technology with Multilevel Applications. <i>Advanced Electronic Materials</i> , 2019 , 5, 1900262	6.4	2
163	Comparison of cytocompatibility and anticancer properties of traditional and green chemistry-synthesized tellurium nanowires. <i>International Journal of Nanomedicine</i> , 2019 , 14, 3155-3176	7.3	13
162	In Vivo Evaluation of the Genotoxic Effects of Poly (Butylene adipate-co-terephthalate)/Polypyrrole with Nanohydroxyapatite Scaffolds for Bone Regeneration. <i>Materials</i> , 2019 , 12,	3.5	10
161	3D Printed scaffolds with hierarchical biomimetic structure for osteochondral regeneration. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 19, 58-70	6	31
160	The effect of chrysin-curcumin-loaded nanofibres on the wound-healing process in male rats. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019 , 47, 1642-1652	6.1	32
159	Preparation, intestinal segment stability, and mucoadhesion properties of novel thymopentin-loaded chitosan derivatives coated with poly (n-butyl) cyanoacrylate nanoparticles. <i>International Journal of Nanomedicine</i> , 2019 , 14, 1659-1668	7.3	5
158	A review of small molecules and drug delivery applications using gold and iron nanoparticles. <i>International Journal of Nanomedicine</i> , 2019 , 14, 1633-1657	7.3	104
157	Citric Juice-mediated Synthesis of Tellurium Nanoparticles with Antimicrobial and Anticancer Properties. <i>Green Chemistry</i> , 2019 , 21, 1982-1988	10	38
156	Facile in situ generation of bismuth tungstate nanosheet-multiwalled carbon nanotube composite as unconventional affinity material for quartz crystal microbalance detection of antibiotics. <i>Journal of Hazardous Materials</i> , 2019 , 373, 50-59	12.8	12
155	Nanotechnology and picotechnology 2019 , 191-212		25
154	A novel near-infrared light responsive 4D printed nanoarchitecture with dynamically and remotely controllable transformation. <i>Nano Research</i> , 2019 , 12, 1381-1388	10	40
153	Development and characterization of a novel conductive polyaniline-g-polystyrene/FeO nanocomposite for the treatment of cancer. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019 , 47, 873-881	6.1	6
152	Development of biocompatible 1D CuO nanoneedles and their potential for sensitive, mass-based detection of anti-tuberculosis drugs. <i>Applied Nanoscience (Switzerland)</i> , 2019 , 9, 1341-1351	3.3	3
151	The Binary Effect on Methicillin-Resistant Staphylococcus aureus of Polymeric Nanovesicles Appended by Proline-Rich Amino Acid Sequences and Inorganic Nanoparticles. <i>Small</i> , 2019 , 15, e180424 ¹¹		12

150	Cold atmospheric plasma (CAP)-modified and bioactive protein-loaded core-shell nanofibers for bone tissue engineering applications. <i>Biomaterials Science</i> , 2019 , 7, 2430-2439	7.4	19
149	Functionalized Nanomaterial Assembling and Biosynthesis Using the Extremophile <i>Deinococcus radiodurans</i> for Multifunctional Applications. <i>Small</i> , 2019 , 15, e1900600	11	11
148	Starch-mediated synthesis of mono- and bimetallic silver/gold nanoparticles as antimicrobial and anticancer agents. <i>International Journal of Nanomedicine</i> , 2019 , 14, 2171-2190	7.3	53
147	Multifunctionalized Ferri-liposomes for Hyperthermia Induced Glioma Targeting and Brain Drug Delivery 2019 , 1-16		
146	A Status Report on FDA Approval of Medical Devices Containing Nanostructured Materials. <i>Trends in Biotechnology</i> , 2019 , 37, 117-120	15.1	45
145	Glioma-targeted dual functionalized thermosensitive Ferri-liposomes for drug delivery through an in vitro blood-brain barrier. <i>Nanoscale</i> , 2019 , 11, 15057-15071	7.7	36
144	3-D printed Ti-6Al-4V scaffolds for supporting osteoblast and restricting bacterial functions without using drugs: Predictive equations and experiments. <i>Acta Biomaterialia</i> , 2019 , 96, 662-673	10.8	19
143	Construction and in vivo evaluation of a nanoporous ion-responsive targeted drug delivery system for recombinant human interferon β delivery. <i>International Journal of Nanomedicine</i> , 2019 , 14, 5339-5353	7.3	3
142	Impact of Induced Pluripotent Stem Cells in Bone Repair and Regeneration. <i>Current Osteoporosis Reports</i> , 2019 , 17, 226-234	5.4	23
141	Ectopic chondrogenesis of nude mouse induced by nano gene delivery enhanced tissue engineering technology. <i>International Journal of Nanomedicine</i> , 2019 , 14, 4755-4765	7.3	4
140	Selenium nanoparticles as anti-infective implant coatings for trauma orthopedics against methicillin-resistant and : in vitro and in vivo assessment. <i>International Journal of Nanomedicine</i> , 2019 , 14, 4613-4624	7.3	45
139	Status of Plant Protein-Based Green Scaffolds for Regenerative Medicine Applications. <i>Biomolecules</i> , 2019 , 9,	5.9	26
138	Temperature Dependence Of AOS Thin Film Nano Transistors For Medical Applications. <i>International Journal of Nanomedicine</i> , 2019 , 14, 8685-8691	7.3	1
137	Advances in nanomedicine for the treatment of ankylosing spondylitis. <i>International Journal of Nanomedicine</i> , 2019 , 14, 8521-8542	7.3	8
136	Would Colloidal Gold Nanocarriers Present An Effective Diagnosis Or Treatment For Ischemic Stroke?. <i>International Journal of Nanomedicine</i> , 2019 , 14, 8013-8031	7.3	89
135	Effects of triptolide and methotrexate nanosuspensions on left ventricular remodeling in autoimmune myocarditis rats. <i>International Journal of Nanomedicine</i> , 2019 , 14, 851-863	7.3	6
134	Change Of Nano Material Electrical Characteristics For Medical System Applications. <i>International Journal of Nanomedicine</i> , 2019 , 14, 10119-10122	7.3	
133	Improving The Oral Absorption Of Nintedanib By A Self-Microemulsion Drug Delivery System: Preparation And In Vitro/In Vivo Evaluation. <i>International Journal of Nanomedicine</i> , 2019 , 14, 8739-8751	7.3	11

132	Electrospun Nanofibrous Poly (Lactic Acid)/Titanium Dioxide Nanocomposite Membranes for Cutaneous Scar Minimization. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019 , 7, 421	5.8	4
131	CTGF Loaded Electrospun Dual Porous Core-Shell Membrane For Diabetic Wound Healing. <i>International Journal of Nanomedicine</i> , 2019 , 14, 8573-8588	7.3	46
130	Selenium Nanoparticle Protection of Fibroblast Stress: Activation of ATF4 and Bcl-xL Expression. <i>International Journal of Nanomedicine</i> , 2019 , 14, 9995-10007	7.3	4
129	PEGylated hollow gold nanoparticles for combined X-ray radiation and photothermal therapy in vitro and enhanced CT imaging in vivo. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 16, 195-205	6	29
128	Three-Dimensional Graphene Foams: Synthesis, Properties, Biocompatibility, Biodegradability, and Applications in Tissue Engineering. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 193-214	5.5	91
127	Synergic antibacterial coatings combining titanium nanocolumns and tellurium nanorods. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 17, 36-46	6	13
126	In vitro and ex vivo systems at the forefront of infection modeling and drug discovery. <i>Biomaterials</i> , 2019 , 198, 228-249	15.6	22
125	Osteoblast responses to injectable bone substitutes of kappa-carrageenan and nano hydroxyapatite. <i>Acta Biomaterialia</i> , 2019 , 83, 425-434	10.8	26
124	Biomedical applications of chitosan electrospun nanofibers as a green polymer - Review. <i>Carbohydrate Polymers</i> , 2019 , 207, 588-600	10.3	182
123	Galactosylated chitosan triptolide nanoparticles for overcoming hepatocellular carcinoma: Enhanced therapeutic efficacy, low toxicity, and validated network regulatory mechanisms. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 15, 86-97	6	43
122	Preparation and characterization of nimodipine-loaded nanostructured lipid systems for enhanced solubility and bioavailability. <i>International Journal of Nanomedicine</i> , 2019 , 14, 119-133	7.3	30
121	A theranostic nanocomposite system based on iron oxide-drug nanocages for targeted magnetic field responsive chemotherapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 1643-1654	6	20
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