

Hã©lder A Santos

List of Publications by Year in descending order

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394
papers

21,489
citations

6254

80
h-index

18647

119
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423
all docs

423
docs citations

423
times ranked

23011
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative Analysis of Porous Silicon Nanoparticles Functionalization by ¹ H NMR. ACS Biomaterials Science and Engineering, 2022, 8, 4132-4139.	5.2	5
2	Neonatal Fc receptor-targeted lignin-encapsulated porous silicon nanoparticles for enhanced cellular interactions and insulin permeation across the intestinal epithelium. Bioactive Materials, 2022, 9, 299-315.	15.6	23
3	Nonresonant CARS Imaging of Porous and Solid Silicon Nanoparticles in Human Cells. ACS Biomaterials Science and Engineering, 2022, 8, 4185-4195.	5.2	2
4	In Vitro Evaluation of the Therapeutic Effects of Dual-Drug Loaded Spermine-Acetalated Dextran Nanoparticles Coated with Tannic Acid for Cardiac Applications. Advanced Functional Materials, 2022, 32, 2109032.	14.9	13
5	Emerging Theranostic Nanomaterials in Diabetes and Its Complications. Advanced Science, 2022, 9, e2102466.	11.2	43
6	Functional biomaterials. APL Bioengineering, 2022, 6, 010401.	6.2	4
7	Engineered neutrophil-derived exosome-like vesicles for targeted cancer therapy. Science Advances, 2022, 8, eabj8207.	10.3	94
8	Multifunctional Biomimetic Nanovaccines Based on Photothermal and Weak-Immunostimulatory Nanoparticulate Cores for the Immunotherapy of Solid Tumors. Advanced Materials, 2022, 34, e2108012.	21.0	25
9	Scaffold Vaccines for Generating Robust and Tunable Antibody Responses. Advanced Functional Materials, 2022, 32, .	14.9	9
10	Biomimetic platelet membrane-coated nanoparticles for targeted therapy. European Journal of Pharmaceutics and Biopharmaceutics, 2022, 172, 1-15.	4.3	49
11	Gelatin-Lysozyme Nanofibrils Electrospun Patches with Improved Mechanical, Antioxidant, and Bioresorbability Properties for Myocardial Regeneration Applications. Advanced Functional Materials, 2022, 32, .	14.9	18
12	Artificial Intelligence Deep Exploration of Influential Parameters on Physicochemical Properties of Curcumin-Loaded Electrospun Nanofibers. Advanced NanoBiomed Research, 2022, 2, .	3.6	13
13	Surface Adsorption-Mediated Ultrahigh Efficient Peptide Encapsulation with a Precise Ratiometric Control for Type 1 and 2 Diabetic Therapy. Small, 2022, 18, e2200449.	10.0	7
14	High drug-loaded microspheres enabled by controlled in-droplet precipitation promote functional recovery after spinal cord injury. Nature Communications, 2022, 13, 1262.	12.8	39
15	Progress in Stimuli-Responsive Biomaterials for Treating Cardiovascular and Cerebrovascular Diseases. Small, 2022, 18, e2200291.	10.0	20
16	Multifunctional Biomimetic Nanovaccines Based on Photothermal and Weak-Immunostimulatory Nanoparticulate Cores for the Immunotherapy of Solid Tumors (Adv. Mater. 9/2022). Advanced Materials, 2022, 34, .	21.0	0
17	Multidrug Idebene/Naproxen Co-Loaded Aspasomes for Significant in-vivo Anti-inflammatory Activity. ChemMedChem, 2022, 17, .	3.2	6
18	Mussel-Inspired and Bioclickable Peptide Engineered Surface to Combat Thrombosis and Infection. Research, 2022, 2022, 9780879.	5.7	22

#	ARTICLE	IF	CITATIONS
19	Current trends in delivery of non-viral nucleic acid-based therapeutics for improved efficacy. <i>Advanced Drug Delivery Reviews</i> , 2022, 185, 114297.	13.7	4
20	Molecular scale study on the interactions of biocompatible nanoparticles with macrophage membrane and blood proteins. <i>Nano Select</i> , 2022, 3, 1252-1263.	3.7	5
21	Autologous Skin Fibroblast-Based PLGA Nanoparticles for Treating Multiorgan Fibrosis. <i>Advanced Science</i> , 2022, 9, .	11.2	8
22	Microfluidics Fabrication of Micrometer-Sized Hydrogels with Precisely Controlled Geometries for Biomedical Applications. <i>Advanced Healthcare Materials</i> , 2022, 11, .	7.6	22
23	Promoting Cardiac Repair through Simple Engineering of Nanoparticles with Exclusive Targeting Capability toward Myocardial Reperfusion Injury by Thermal Resistant Microfluidic Platform. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	6
24	Folic acid-mesoporous silicon nanoparticles enhance the anticancer activity of the p73-activating small molecule LEM2. <i>International Journal of Pharmaceutics</i> , 2022, 624, 121959.	5.2	0
25	Peptide-guided resiquimod-loaded lignin nanoparticles convert tumor-associated macrophages from M2 to M1 phenotype for enhanced chemotherapy. <i>Acta Biomaterialia</i> , 2021, 133, 231-243.	8.3	72
26	Intracellular Delivery of Budesonide and Polydopamine Co-Loaded in Endosomolytic Poly(butyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 4 from M1 to M2. <i>Advanced Therapeutics</i> , 2021, 4, 2000058.	3.2	13
27	Requirements for Animal Experiments: Problems and Challenges. <i>Small</i> , 2021, 17, e2004182.	10.0	33
28	Synthesis and therapeutic potential of stimuli-responsive metal-organic frameworks. <i>Chemical Engineering Journal</i> , 2021, 408, 127233.	12.7	25
29	One-Pot Synthesis of pH-Responsive Eudragit-Mesoporous Silica Nanocomposites Enable Colonic Delivery of Glucocorticoids for the Treatment of Inflammatory Bowel Disease. <i>Advanced Therapeutics</i> , 2021, 4, 2000165.	3.2	26
30	Combination Therapy of Killing Diseases by Injectable Hydrogels: From Concept to Medical Applications. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001571.	7.6	104
31	Preparation of cetyl palmitate-based PEGylated solid lipid nanoparticles by microfluidic technique. <i>Acta Biomaterialia</i> , 2021, 121, 566-578.	8.3	59
32	Microneedles for painless transdermal immunotherapeutic applications. <i>Journal of Controlled Release</i> , 2021, 330, 185-217.	9.9	131
33	A Hydrogen-Bonded Extracellular Matrix-Mimicking Bactericidal Hydrogel with Radical Scavenging and Hemostatic Function for pH-Responsive Wound Healing Acceleration. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001122.	7.6	142
34	Nanoliposomes as Multidrug Carrier of Gemcitabine/Paclitaxel for the Effective Treatment of Metastatic Breast Cancer Disease: A Comparison with Gemzar and Taxol. <i>Advanced Therapeutics</i> , 2021, 4, .	3.2	17
35	Intraoperative Assessment and Photothermal Ablation of the Tumor Margins Using Gold Nanoparticles. <i>Advanced Science</i> , 2021, 8, 2002788.	11.2	34
36	Biohybrid Nanosystems for Cancer Treatment: Merging the Best of Two Worlds. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1295, 135-162.	1.6	0

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37	Requirements and properties of biomaterials for biomedical applications. , 2021, , 195-226.		0
38	Advanced Nanosystems for Clinical Translation. <i>Advanced Therapeutics</i> , 2021, 4, 2000215.	3.2	3
39	Development of vaccine formulations: past, present, and future. <i>Drug Delivery and Translational Research</i> , 2021, 11, 353-372.	5.8	41
40	Engineered Extracellular Vesicles for Cancer Therapy. <i>Advanced Materials</i> , 2021, 33, e2005709.	21.0	171
41	Nanoparticleâ€mediated siRNA delivery systems for cancer therapy. <i>View</i> , 2021, 2, 20200111.	5.3	36
42	Nanonutraceuticals: The New Frontier of Supplementary Food. <i>Nanomaterials</i> , 2021, 11, 792.	4.1	34
43	A Theranostic Cellulose Nanocrystalâ€Based Drug Delivery System with Enhanced Retention in Pulmonary Metastasis of Melanoma. <i>Small</i> , 2021, 17, e2007705.	10.0	24
44	Chemically Engineered Immune Cellâ€Derived Microrobots and Biomimetic Nanoparticles: Emerging Biodiagnostic and Therapeutic Tools. <i>Advanced Science</i> , 2021, 8, 2002499.	11.2	42
45	LinTT1 peptide-functionalized liposomes for targeted breast cancer therapy. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120346.	5.2	45
46	Mitochondriaâ€Targeted Bovine Serum Albumin@Copper Sulfide Nanocomposites Conjugated with Rhodamineâ€10 Dye for an Enhanced Efficacy of Cancer Photothermal Therapy. <i>Particle and Particle Systems Characterization</i> , 2021, 38, 2100013.	2.3	15
47	Lightâ€Controlled Nanosystem with Sizeâ€Flexibility Improves Targeted Retention for Tumor Suppression. <i>Advanced Functional Materials</i> , 2021, 31, 2101262.	14.9	21
48	One-step microfluidics production of enzyme-loaded liposomes for the treatment of inflammatory diseases. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 199, 111556.	5.0	23
49	DNAâ€Grafted Hyaluronic Acid System with Enhanced Injectability and Biostability for Photoâ€Controlled Osteoarthritis Gene Therapy. <i>Advanced Science</i> , 2021, 8, 2004793.	11.2	28
50	An organic-inorganic hybrid scaffold with honeycomb-like structures enabled by one-step self-assembly-driven electrospinning. <i>Materials Science and Engineering C</i> , 2021, 124, 112079.	7.3	9
51	Multistage signal-interactive nanoparticles improve tumor targeting through efficient nanoparticle-cell communications. <i>Cell Reports</i> , 2021, 35, 109131.	6.4	6
52	Selenium Nanoparticles for Biomedical Applications: From Development and Characterization to Therapeutics. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100598.	7.6	182
53	Non-viral nanoparticles for RNA interference: Principles of design and practical guidelines. <i>Advanced Drug Delivery Reviews</i> , 2021, 174, 576-612.	13.7	36
54	Prevention of diabetes-associated fibrosis: Strategies in FcRn-targeted nanosystems for oral drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2021, 175, 113778.	13.7	13

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55	Challenges towards Targeted Drug Delivery in Cancer Nanomedicines. <i>Processes</i> , 2021, 9, 1527.	2.8	36
56	Extracellular vesicle therapeutics from plasma and adipose tissue. <i>Nano Today</i> , 2021, 39, 101159.	11.9	32
57	Dualâ€Crosslinked Dynamic Hydrogel Incorporating {Mo₁₅₄} with pH and NIR Responsiveness for Chemoâ€Photothermal Therapy. <i>Advanced Materials</i> , 2021, 33, e2007761.	21.0	73
58	Engineering of 2D nanomaterials to trap and kill SARS-CoV-2: a new insight from multi-microsecond atomistic simulations. <i>Drug Delivery and Translational Research</i> , 2021, , 1.	5.8	17
59	Programmable immune activating electrospun fibers for skin regeneration. <i>Bioactive Materials</i> , 2021, 6, 3218-3230.	15.6	42
60	Acetalated dextran based nano- and microparticles: synthesis, fabrication, and therapeutic applications. <i>Chemical Communications</i> , 2021, 57, 4212-4229.	4.1	25
61	Conventional Nanosized Drug Delivery Systems for Cancer Applications. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1295, 3-27.	1.6	6
62	Doxorubicin Hydrochloride-Loaded Nonionic Surfactant Vesicles to Treat Metastatic and Non-Metastatic Breast Cancer. <i>ACS Omega</i> , 2021, 6, 2973-2989.	3.5	30
63	Investigation of silicon nanoparticles produced by centrifuge chemical vapor deposition for applications in therapy and diagnostics. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 158, 254-265.	4.3	13
64	Prospective Cancer Therapies Using Stimuliâ€Responsive DNA Nanostructures. <i>Macromolecular Bioscience</i> , 2021, 21, e2100272.	4.1	15
65	Microfluidic preparation and in vitro evaluation of iRGD-functionalized solid lipid nanoparticles for targeted delivery of paclitaxel to tumor cells. <i>International Journal of Pharmaceutics</i> , 2021, 610, 121246.	5.2	23
66	Inhibiting Phase Transfer of Protein Nanoparticles by Surface Camouflageâ€A Versatile and Efficient Protein Encapsulation Strategy. <i>Nano Letters</i> , 2021, 21, 9458-9467.	9.1	7
67	Tendon Tissue Repair in Prospective of Drug Delivery, Regenerative Medicines, and Innovative Bioscaffolds. <i>Stem Cells International</i> , 2021, 2021, 1-23.	2.5	14
68	Recent trends on the development of systems for cancer diagnosis and treatment by microfluidic technology. <i>Applied Materials Today</i> , 2020, 18, 100450.	4.3	18
69	Engineered antibody-functionalized porous silicon nanoparticles for therapeutic targeting of pro-survival pathway in endogenous neuroblasts after stroke. <i>Biomaterials</i> , 2020, 227, 119556.	11.4	23
70	Microfluidics for Production of Particles: Mechanism, Methodology, and Applications. <i>Small</i> , 2020, 16, e1904673.	10.0	63
71	Design, synthesis and characterization of a PEGylated stanozolol for potential therapeutic applications. <i>International Journal of Pharmaceutics</i> , 2020, 573, 118826.	5.2	3
72	Geneâ€Hydrogel Microenvironment Regulates Extracellular Matrix Metabolism Balance in Nucleus Pulposus. <i>Advanced Science</i> , 2020, 7, 1902099.	11.2	67

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73	Goldâ€“silver nanoshells promote wound healing from drug-resistant bacteria infection and enable monitoring via surface-enhanced Raman scattering imaging. <i>Biomaterials</i> , 2020, 234, 119763.	11.4	102
74	Dual-peptide functionalized acetalated dextran-based nanoparticles for sequential targeting of macrophages during myocardial infarction. <i>Nanoscale</i> , 2020, 12, 2350-2358.	5.6	42
75	Advanced liposome-loaded scaffolds for therapeutic and tissue engineering applications. <i>Biomaterials</i> , 2020, 232, 119706.	11.4	127
76	Reactive oxygen species responsive nanoplateforms as smart drug delivery systems for gastrointestinal tract targeting. <i>Biopolymers</i> , 2020, 111, e23336.	2.4	26
77	Near-infrared light and magnetic field dual-responsive porous silicon-based nanocarriers to overcome multidrug resistance in breast cancer cells with enhanced efficiency. <i>Journal of Materials Chemistry B</i> , 2020, 8, 546-557.	5.8	23
78	Gelatin Templated Polypeptide Coâ€“Crossâ€“Linked Hydrogel for Bone Regeneration. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901239.	7.6	112
79	Systematic in vitro biocompatibility studies of multimodal cellulose nanocrystal and lignin nanoparticles. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 770-783.	4.0	32
80	Hybrid red blood cell membrane coated porous silicon nanoparticles functionalized with cancer antigen induce depletion of T cells. <i>RSC Advances</i> , 2020, 10, 35198-35205.	3.6	10
81	Recent progress in the design of DNA vaccines against tuberculosis. <i>Drug Discovery Today</i> , 2020, 25, 1971-1987.	6.4	19
82	Recombination Monophosphoryl Lipid A-Derived Vacosome for the Development of Preventive Cancer Vaccines. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 44554-44562.	8.0	17
83	3D scaffolding of fast photocurable polyurethane for soft tissue engineering by stereolithography: Influence of materials and geometry on growth of fibroblast cells. <i>European Polymer Journal</i> , 2020, 139, 109988.	5.4	39
84	Evaluation of the effects of nanoprecipitation process parameters on the size and morphology of poly(ethylene oxide)-block-polycaprolactone nanostructures. <i>International Journal of Pharmaceutics</i> , 2020, 590, 119900.	5.2	7
85	Mild temperature photothermal assisted anti-bacterial and anti-inflammatory nanosystem for synergistic treatment of post-cataract surgery endophthalmitis. <i>Theranostics</i> , 2020, 10, 8541-8557.	10.0	48
86	In vitro and in vivo trans-epidermal water loss evaluation following topical drug delivery systems application for pharmaceutical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 186, 113295.	2.8	25
87	Microfibers synthesized by wet-spinning of chitin nanomaterials: mechanical, structural and cell proliferation properties. <i>RSC Advances</i> , 2020, 10, 29450-29459.	3.6	19
88	Influence of Cell Membrane Wrapping on the Cellâ€“Porous Silicon Nanoparticle Interactions. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000529.	7.6	11
89	Emerging insights on drug delivery by fatty acid mediated synthesis of lipophilic prodrugs as novel nanomedicines. <i>Journal of Controlled Release</i> , 2020, 326, 556-598.	9.9	49
90	Novel RET agonist for the treatment of experimental neuropathies. <i>Molecular Pain</i> , 2020, 16, 174480692095086.	2.1	12

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91	New insights into ethionamide metabolism: influence of oxidized methionine on its degradation path. RSC Medicinal Chemistry, 2020, 11, 1423-1428.	3.9	0
92	Microvascular Scaffolds: A Biomimetic 3D Self-Forming Approach for Microvascular Scaffolds (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10	11.2	1
93	The Progress and Prospect of Zeolitic Imidazolate Frameworks in Cancer Therapy, Antibacterial Activity, and Biomineralization. Advanced Healthcare Materials, 2020, 9, e2000248.	7.6	99
94	All-in-one microfluidic assembly of insulin-loaded pH-responsive nano-in-microparticles for oral insulin delivery. Biomaterials Science, 2020, 8, 3270-3277.	5.4	28
95	Formulation optimization and in vitro characterization of rifampicin and ceftriaxone dual drug loaded niosomes with high energy probe sonication technique. Journal of Drug Delivery Science and Technology, 2020, 58, 101763.	3.0	23
96	Superfast and controllable microfluidic inking of anti-inflammatory melanin-like nanoparticles inspired by cephalopods. Materials Horizons, 2020, 7, 1573-1580.	12.2	16
97	Microfluidics: Microfluidics for Production of Particles: Mechanism, Methodology, and Applications (Small 9/2020). Small, 2020, 16, 2070048.	10.0	5
98	The solid progress of nanomedicine. Drug Delivery and Translational Research, 2020, 10, 726-729.	5.8	91
99	Liposome-Embedding Silicon Microparticle for Oxaliplatin Delivery in Tumor Chemotherapy. Pharmaceutics, 2020, 12, 559.	4.5	23
100	Multifunctional 3D Printed Patches for Long-Term Drug Release Therapies after Myocardial Infarction. Advanced Functional Materials, 2020, 30, 2003440.	14.9	53
101	Current Trends in Simultaneous Determination of Co-Administered Drugs. Separations, 2020, 7, 29.	2.4	7
102	Tandem Mass-Tag Based Proteomic Analysis Facilitates Analyzing Critical Factors of Porous Silicon Nanoparticles in Determining Their Biological Responses under Diseased Condition. Advanced Science, 2020, 7, 2001129.	11.2	11
103	A Biomimetic 3D Self-Forming Approach for Microvascular Scaffolds. Advanced Science, 2020, 7, 1903553.	11.2	46
104	Immunogenicity of Polyethylene Glycol Based Nanomedicines: Mechanisms, Clinical Implications and Systematic Approach. Advanced Therapeutics, 2020, 3, 1900170.	3.2	42
105	pH-responsive cationic liposome for endosomal escape mediated drug delivery. Colloids and Surfaces B: Biointerfaces, 2020, 188, 110804.	5.0	65
106	The versatile biomedical applications of bismuth-based nanoparticles and composites: therapeutic, diagnostic, biosensing, and regenerative properties. Chemical Society Reviews, 2020, 49, 1253-1321.	38.1	261
107	Fabrication and Characterization of Drug-Loaded Conductive Poly(glycerol) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 Td (sebac	8.0	57
108	Polyoxometalate Composites in Cancer Therapy and Diagnostics. European Journal of Inorganic Chemistry, 2020, 2020, 2121-2132.	2.0	29

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109	Microfluidic fabrication and characterization of Sorafenib-loaded lipid-polymer hybrid nanoparticles for controlled drug delivery. <i>International Journal of Pharmaceutics</i> , 2020, 581, 119275.	5.2	50
110	Overcoming Nanoparticle-Mediated Complement Activation by Surface PEG Pairing. <i>Nano Letters</i> , 2020, 20, 4312-4321.	9.1	70
111	Colorectal cancer triple co-culture spheroid model to assess the biocompatibility and anticancer properties of polymeric nanoparticles. <i>Journal of Controlled Release</i> , 2020, 323, 398-411.	9.9	42
112	Preparation and in vivo evaluation of red blood cell membrane coated porous silicon nanoparticles implanted with 155Tb. <i>Nuclear Medicine and Biology</i> , 2020, 84-85, 102-110.	0.6	9
113	Ammonium glycyrrhizate skin delivery from ultradeformable liposomes: A novel use as an anti-inflammatory agent in topical drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 193, 111152.	5.0	49
114	Antimicrobial Colloidal Silverâ€“Lignin Particles via Ion and Solvent Exchange. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 15297-15303.	6.7	24
115	Metal Speciesâ€“Encapsulated Mesoporous Silica Nanoparticles: Current Advancements and Latest Breakthroughs. <i>Advanced Functional Materials</i> , 2019, 29, 1902652.	14.9	104
116	Outerâ€“inner dual reinforced micro/nano hierarchical scaffolds for promoting osteogenesis. <i>Nanoscale</i> , 2019, 11, 15794-15803.	5.6	5
117	Tumor exosome-based nanoparticles are efficient drug carriers for chemotherapy. <i>Nature Communications</i> , 2019, 10, 3838.	12.8	535
118	<p>Lipid-polymer hybrid nanoparticles for controlled delivery of hydrophilic and lipophilic doxorubicin for breast cancer therapy</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 4961-4974.	6.7	67
119	On the issue of transparency and reproducibility in nanomedicine. <i>Nature Nanotechnology</i> , 2019, 14, 629-635.	31.5	149
120	A Virusâ€“Mimicking pHâ€“Responsive Acetalated Dextranâ€“Based Membraneâ€“Active Polymeric Nanoparticle for Intracellular Delivery of Antitumor Therapeutics. <i>Advanced Functional Materials</i> , 2019, 29, 1905352.	14.9	43
121	Utilization of green formulation technique and efficacy estimation on cell line studies for dual anticancer drug therapy with niosomes. <i>International Journal of Pharmaceutics</i> , 2019, 572, 118764.	5.2	13
122	Latest Advances on Bacterial Celluloseâ€“Based Materials for Wound Healing, Delivery Systems, and Tissue Engineering. <i>Biotechnology Journal</i> , 2019, 14, e1900059.	3.5	100
123	Landing a lethal blow on bacterial infections: an emerging advance of nanodots for wound healing acceleration. <i>Nanomedicine</i> , 2019, 14, 2269-2272.	3.3	15
124	Paclitaxel-loaded sodium deoxycholate-stabilized zein nanoparticles: characterization and in vitro cytotoxicity. <i>Heliyon</i> , 2019, 5, e02422.	3.2	51
125	Process optimization of ecological probe sonication technique for production of rifampicin loaded niosomes. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 50, 27-33.	3.0	46
126	Acetylated Nanocellulose for Single-Component Bioinks and Cell Proliferation on 3D-Printed Scaffolds. <i>Biomacromolecules</i> , 2019, 20, 2770-2778.	5.4	81

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127	Porous Silicon as a Platform for Radiation Theranostics Together with a Novel RIB-Based Radiolanthanoid. Contrast Media and Molecular Imaging, 2019, 2019, 1-9.	0.8	11
128	Acetalated Dextran Nanoparticles Loaded into an Injectable Alginate Cryogel for Combined Chemotherapy and Cancer Vaccination. Advanced Functional Materials, 2019, 29, 1903686.	14.9	41
129	Microfluidics: Nuts and Bolts: Microfluidics for the Production of Biomaterials (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	5.8	3
130	Preparation and Characterization of Dentin Phosphophorynâ€Derived Peptideâ€Functionalized Lignin Nanoparticles for Enhanced Cellular Uptake. Small, 2019, 15, e1901427.	10.0	57
131	Biohybrid Vaccines for Improved Treatment of Aggressive Melanoma with Checkpoint Inhibitor. ACS Nano, 2019, 13, 6477-6490.	14.6	36
132	Advanced Nanovaccines for Immunotherapy Applications: From Concept to Animal Tests. , 2019, , 231-260.		1
133	pH-responsive chitosan based hydrogels affect the release of dapson: Design, set-up, and physicochemical characterization. International Journal of Biological Macromolecules, 2019, 133, 1268-1279.	7.5	39
134	Mathematical Modeling of Release Kinetics from Supramolecular Drug Delivery Systems. Pharmaceutics, 2019, 11, 140.	4.5	289
135	Mathematical Models as Tools to Predict the Release Kinetic of Fluorescein from Lyotropic Colloidal Liquid Crystals. Materials, 2019, 12, 693.	2.9	49
136	Photosensitive materials for constructing on-demanded drug-release systems. , 2019, , 193-210.		2
137	Photothermal-responsive nanosized hybrid polymersome as versatile therapeutics codelivery nanovehicle for effective tumor suppression. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7744-7749.	7.1	85
138	Metalâ€Based Stents: Endovascular Metal Devices for the Treatment of Cerebrovascular Diseases (Adv.) Tj ETQq0 0,0 rgBT /Overlock 10 T	21.0	2
139	Selfâ€Healing: Selfâ€Healing and Injectable Hydrogel for Matching Skin Flap Regeneration (Adv. Sci. 3/2019). Advanced Science, 2019, 6, 1970019.	11.2	0
140	Detection and Quantification of eDNA-Associated Bacterial Membrane Vesicles by Flow Cytometry. International Journal of Molecular Sciences, 2019, 20, 5307.	4.1	21
141	Artificially cloaked viral nanovaccine for cancer immunotherapy. Nature Communications, 2019, 10, 5747.	12.8	86
142	Antitumor Therapeutics: A Virusâ€Mimicking pHâ€Responsive Acetalated Dextranâ€Based Membraneâ€Active Polymeric Nanoparticle for Intracellular Delivery of Antitumor Therapeutics (Adv. Funct. Mater.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 13		
143	Polydocanol foam stabilized by liposomes: Supramolecular nanoconstructs for sclerotherapy. Colloids and Surfaces B: Biointerfaces, 2019, 175, 469-476.	5.0	7
144	Endovascular Metal Devices for the Treatment of Cerebrovascular Diseases. Advanced Materials, 2019, 31, e1805452.	21.0	38

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145	Laser-Activatable CuS Nanodots to Treat Multidrug-Resistant Bacteria and Release Copper Ion to Accelerate Healing of Infected Chronic Nonhealing Wounds. ACS Applied Materials & Interfaces, 2019, 11, 3809-3822.	8.0	155
146	Automatic methodologies to perform loading and release assays of anticancer drugs from mesoporous silicon nanoparticles. Talanta, 2019, 196, 277-283.	5.5	2
147	Cellular Internalizationâ€“Induced Aggregation of Porous Silicon Nanoparticles for Ultrasound Imaging and Proteinâ€“Mediated Protection of Stem Cells. Small, 2019, 15, e1804332.	10.0	51
148	Selfâ€“Healing and Injectable Hydrogel for Matching Skin Flap Regeneration. Advanced Science, 2019, 6, 1801555.	11.2	140
149	Nuts and Bolts: Microfluidics for the Production of Biomaterials. Advanced Materials Technologies, 2019, 4, 1800611.	5.8	14
150	Cellâ€“Nanoparticle Interactions at (Sub)â€“Nanometer Resolution Analyzed by Electron Microscopy and Correlative Coherent Antiâ€“Stokes Raman Scattering. Biotechnology Journal, 2019, 14, 1800413.	3.5	5
151	Close-loop dynamic nanohybrids on collagen-ark with <i>in situ</i> gelling transformation capability for biomimetic stage-specific diabetic wound healing. Materials Horizons, 2019, 6, 385-393.	12.2	46
152	Microfluidic mixing and devices for preparing nanoparticulate drug delivery systems. , 2019, , 155-177.		7
153	Radiolabeled Molecular Imaging Probes for the In Vivo Evaluation of Cellulose Nanocrystals for Biomedical Applications. Biomacromolecules, 2019, 20, 674-683.	5.4	32
154	Electrospun Fibrous Architectures for Drug Delivery, Tissue Engineering and Cancer Therapy. Advanced Functional Materials, 2019, 29, 1802852.	14.9	179
155	<i>Euryale Ferox</i> Seedâ€“Inspired Superlubricated Nanoparticles for Treatment of Osteoarthritis. Advanced Functional Materials, 2019, 29, 1807559.	14.9	80
156	Using microfluidic platforms to develop CNS-targeted polymeric nanoparticles for HIV therapy. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 138, 111-124.	4.3	60
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