

Khuloud T Al-Jamal

List of Publications by Year in descending order

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197
papers

10,240
citations

28274

55
h-index

42399

92
g-index

202
all docs

202
docs citations

202
times ranked

13331
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual contrast micro-CT enables cartilage lesion detection and tissue condition evaluation ex vivo. <i>Equine Veterinary Journal</i> , 2023, 55, 315-324.	1.7	5
2	Bioengineering of virus-like particles as dynamic nanocarriers for in vivo delivery and targeting to solid tumours. <i>Advanced Drug Delivery Reviews</i> , 2022, 180, 114030.	13.7	19
3	Nanomaterial Functionalization Modulates Hard Protein Corona Formation: Atomistic Simulations Applied to Graphitic Materials. <i>Advanced Materials Interfaces</i> , 2022, 9, 2101236.	3.7	2
4	PET Imaging of Small Extracellular Vesicles <i>via</i> [⁸⁹ Zr]Zr(oxinate) ₄ Direct Radiolabeling. <i>Bioconjugate Chemistry</i> , 2022, 33, 473-485.	3.6	19
5	Experimental Evaluation of Radiation Response and Thermal Properties of NPs-Loaded Tissues-Mimicking Phantoms. <i>Nanomaterials</i> , 2022, 12, 945.	4.1	9
6	Recent Developments in Porous Silicon Nanovectors with Various Imaging Modalities in the Framework of Theranostics. <i>ChemMedChem</i> , 2022, 17, .	3.2	2
7	Colonic Delivery of \pm Linolenic Acid by an Advanced Nutrient Delivery System Prolongs Glucagon-Like Peptide-1 Secretion and Inhibits Food Intake in Mice. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100978.	3.3	4
8	Detection of Cancer-Derived Exosomes Using a Sensitive Colorimetric Aptasensor. <i>Methods in Molecular Biology</i> , 2022, 2504, 21-30.	0.9	0
9	Engineered nanomedicines block the PD-1/PD-L1 axis for potentiated cancer immunotherapy. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 2749-2758.	6.1	16
10	Needleless administration of advanced therapies into the skin via the appendages using a hypobaric patch. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2120340119.	7.1	10
11	Pre-clinical non-viral vectors exploited for <i>in vivo</i> CRISPR/Cas9 gene editing: an overview. <i>Biomaterials Science</i> , 2022, 10, 3410-3432.	5.4	9
12	Quantitative Comparison of the Light-to-Heat Conversion Efficiency in Nanomaterials Suitable for Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 33555-33566.	8.0	32
13	Hyaluronic acid-entecavir conjugates-core/lipid-shell nanohybrids for efficient macrophage uptake and hepatotropic prospects. <i>International Journal of Biological Macromolecules</i> , 2022, 217, 731-747.	7.5	5
14	Rapid synthesis of nanostructured porous silicon carbide from biogenic silica. <i>Journal of the American Ceramic Society</i> , 2021, 104, 766-775.	3.8	6
15	Inorganic Nanomaterials for Photothermal-Based Cancer Theranostics. <i>Advanced Therapeutics</i> , 2021, 4, 2000207.	3.2	11
16	Green synthesis of methoxy-poly(ethylene Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 152 Td (glycol)-block-poly(lactide)-biocompatible initiator for irinotecan delivery to colon cancer <i>in vivo</i> . <i>Biomaterials Science</i> , 2021, 9, 795-806.	5.4	10
17	Accurate large scale modelling of graphene oxide: Ion trapping and chaotropic potential at the interface. <i>Carbon</i> , 2021, 174, 266-275.	10.3	5
18	Exosome-mediated RNAi of PAK4 prolongs survival of pancreatic cancer mouse model after loco-regional treatment. <i>Biomaterials</i> , 2021, 264, 120369.	11.4	44

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19	siRNA Design and Delivery Based on Carbon Nanotubes. <i>Methods in Molecular Biology</i> , 2021, 2282, 181-193.	0.9	4
20	Selection of Fluorescent, Bioluminescent, and Radioactive Tracers to Accurately Reflect Extracellular Vesicle Biodistribution <i>in Vivo</i> . <i>ACS Nano</i> , 2021, 15, 3212-3227.	14.6	115
21	An <i>in vivo</i> combinatory nano-formulation for systemic immunotherapy of solid tumors. <i>Theranostics</i> , 2021, 11, 8738-8754.	10.0	29
22	Recent progress in nanotechnology-based drug carriers for celastrol delivery. <i>Biomaterials Science</i> , 2021, 9, 6355-6380.	5.4	18
23	Combinatory Delivery of Etoposide and siCD47 in a Lipid Polymer Hybrid Delays Lung Tumor Growth in an Experimental Melanoma Lung Metastatic Model. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001853.	7.6	26
24	Enhanced Delivery of Neuroactive Drugs via Nasal Delivery with a Self-Healing Supramolecular Gel. <i>Advanced Science</i> , 2021, 8, e2101058.	11.2	31
25	Tailoring the Architecture of Cationic Polymer Brush-Modified Carbon Nanotubes for Efficient siRNA Delivery in Cancer Immunotherapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 30284-30294.	8.0	30
26	Biogenic nanoporous silicon carrier improves the efficacy of buparvaquone against resistant visceral leishmaniasis. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009533.	3.0	5
27	Comparison between Fluorescence Imaging and Elemental Analysis to Determine Biodistribution of Inorganic Nanoparticles with Strong Light Absorption. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 40392-40400.	8.0	5
28	Interpreting 2D Materials Bio-Nano Interactions: Influence of Aggregation Status, Protein Corona, Cell Culture Media, and Cell Types. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100251.	3.7	5
29	Production and stability of amorphous solid dispersions produced by a Freeze-drying method from DMSO. <i>International Journal of Pharmaceutics</i> , 2021, 606, 120902.	5.2	11
30	Cell membrane coating integrity affects the internalization mechanism of biomimetic nanoparticles. <i>Nature Communications</i> , 2021, 12, 5726.	12.8	126
31	Interpreting 2D Materials Bio-Nano Interactions: Influence of Aggregation Status, Protein Corona, Cell Culture Media, and Cell Types (<i>Adv. Mater. Interfaces</i> 17/2021). <i>Advanced Materials Interfaces</i> , 2021, 8, 2170094.	3.7	0
32	Challenges and prospects of nanosized silicon anodes in lithium-ion batteries. <i>Nanotechnology</i> , 2021, 32, 042002.	2.6	95
33	Defined serum-free three-dimensional culture of umbilical cord-derived mesenchymal stem cells yields exosomes that promote fibroblast proliferation and migration <i>in vitro</i> . <i>FASEB Journal</i> , 2021, 35, e21206.	0.5	21
34	Development of Real-Time Transendothelial Electrical Resistance Monitoring for an <i>In Vitro</i> Blood-Brain Barrier System. <i>Micromachines</i> , 2021, 12, 37.	2.9	18
35	Nanoparticle-Mediated <i>In Situ</i> Molecular Reprogramming of Immune Checkpoint Interactions for Cancer Immunotherapy. <i>ACS Nano</i> , 2021, 15, 17549-17564.	14.6	16
36	A natural protein based platform for the delivery of Temozolomide acid to glioma cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 169, 297-308.	4.3	11

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37	Modulating expression of inhibitory and stimulatory immune checkpoints™ using nanoparticulate-assisted nucleic acid delivery. <i>EBioMedicine</i> , 2021, 73, 103624.	6.1	6
38	Functionalization of filled radioactive multi-walled carbon nanocapsules by arylation reaction for <i>in vivo</i> delivery of radio-therapy. <i>Journal of Materials Chemistry B</i> , 2021, 10, 47-56.	5.8	6
39	Triple Contrast CT Method Enables Simultaneous Evaluation of Articular Cartilage Composition and Segmentation. <i>Annals of Biomedical Engineering</i> , 2020, 48, 556-567.	2.5	10
40	Surface engineered nanoliposomal platform for selective lymphatic uptake of asenapine maleate: <i>In vitro</i> and <i>in vivo</i> studies. <i>Materials Science and Engineering C</i> , 2020, 109, 110620.	7.3	33
41	Black Mesoporous Silicon as a Contrast Agent for LED-Based 3D Photoacoustic Tomography. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 5456-5461.	8.0	11
42	Stable surface functionalization of carbonized mesoporous silicon. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 631-641.	6.0	11
43	Controlling the Nature of Etched Si Nanostructures: High- versus Low-Load Metal-Assisted Catalytic Etching (MACE) of Si Powders. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 4787-4796.	8.0	11
44	Neutron Activated ¹⁵³ Sm Sealed in Carbon Nanocapsules for <i>in Vivo</i> Imaging and Tumor Radiotherapy. <i>ACS Nano</i> , 2020, 14, 129-141.	14.6	37
45	Development of a simple, sensitive and selective colorimetric aptasensor for the detection of cancer-derived exosomes. <i>Biosensors and Bioelectronics</i> , 2020, 169, 112576.	10.1	59
46	Low-Load Metal-Assisted Catalytic Etching Produces Scalable Porosity in Si Powders. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 48969-48981.	8.0	14
47	A Cyclodextrin-Stabilized Spermine-Tagged Drug Triplex that Targets Theophylline to the Lungs Selectively in Respiratory Emergency. <i>Advanced Therapeutics</i> , 2020, 3, 2000153.	3.2	2
48	Tailored Synthesis of PEGylated Bismuth Nanoparticles for X-ray Computed Tomography and Photothermal Therapy: One-Pot, Targeted Pyrolysis, and Self-Promotion. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 47233-47244.	8.0	7
49	Thermal dose as a universal tool to evaluate nanoparticle-induced photothermal therapy. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119657.	5.2	11
50	Three-dimensional culture of dental pulp pluripotent-like stem cells (DPPSCs) enhances Nanog expression and provides a serum-free condition for exosome isolation. <i>FASEB BioAdvances</i> , 2020, 2, 419-433.	2.4	12
51	Selective toxicity of functionalised graphene oxide to patients-derived glioblastoma stem cells and minimal toxicity to non-cancerous brain tissue cells. <i>2D Materials</i> , 2020, 7, 045002.	4.4	3
52	Regulatory T Cell Extracellular Vesicles Modify T-Effector Cell Cytokine Production and Protect Against Human Skin Allograft Damage. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 317.	3.7	32
53	Design of experiment (DoE)-driven <i>in vitro</i> and <i>in vivo</i> uptake studies of exosomes for pancreatic cancer delivery enabled by copper-free click chemistry-based labelling. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1779458.	12.2	52
54	Engineering red-emitting multi-functional nanocapsules for magnetic tumour targeting and imaging. <i>Biomaterials Science</i> , 2020, 8, 2590-2599.	5.4	11

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55	Mechanical penetration of β -lactam-resistant Gram-negative bacteria by programmable nanowires. <i>Science Advances</i> , 2020, 6, .	10.3	23
56	<i>Trichinella spiralis</i> secretes abundant unencapsulated small RNAs with potential effects on host gene expression. <i>International Journal for Parasitology</i> , 2020, 50, 697-705.	3.1	10
57	Neutron-irradiated antibody-functionalised carbon nanocapsules for targeted cancer radiotherapy. <i>Carbon</i> , 2020, 162, 410-422.	10.3	18
58	Organ Biodistribution of Radiolabelled ^{18}F T Cells Following Liposomal Alendronate Administration in Different Mouse Tumour Models. <i>Nanotheranostics</i> , 2020, 4, 71-82.	5.2	12
59	An integrated vitamin E-coated polymer hybrid nanoplatform: A lucrative option for an enhanced in vitro macrophage retention for an anti-hepatitis B therapeutic prospect. <i>PLoS ONE</i> , 2020, 15, e0227231.	2.5	20
60	Conjugation with carbon nanotubes improves the performance of mesoporous silicon as Li-ion battery anode. <i>Scientific Reports</i> , 2020, 10, 5589.	3.3	31
61	Optical, electrochemical and electrical (nano)biosensors for detection of exosomes: A comprehensive overview. <i>Biosensors and Bioelectronics</i> , 2020, 161, 112222.	10.1	128
62	Evaluation of cell surface reactive immuno-adjuvant in combination with immunogenic cell death inducing drug for in situ chemo-immunotherapy. <i>Journal of Controlled Release</i> , 2020, 322, 519-529.	9.9	12
63	Bioinspired Polymerization of Quercetin to Produce a Curcumin-Loaded Nanomedicine with Potent Cytotoxicity and Cancer-Targeting Potential in Vivo. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 6036-6045.	5.2	34
64	Inorganic mesoporous particles for controlled ω -linolenic acid delivery to stimulate GLP-1 secretion in vitro. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 144, 132-138.	4.3	8
65	Microwave-Assisted Synthesis of SPION-Reduced Graphene Oxide Hybrids for Magnetic Resonance Imaging (MRI). <i>Nanomaterials</i> , 2019, 9, 1364.	4.1	20
66	Cavitation Induced by Janus-Like Mesoporous Silicon Nanoparticles Enhances Ultrasound Hyperthermia. <i>Frontiers in Chemistry</i> , 2019, 7, 393.	3.6	17
67	Membrane Radiolabelling of Exosomes for Comparative Biodistribution Analysis in Immunocompetent and Immunodeficient Mice - A Novel and Universal Approach. <i>Theranostics</i> , 2019, 9, 1666-1682.	10.0	94
68	Asenapine maleate-loaded nanostructured lipid carriers: optimization and <i>in vitro</i> , <i>in vivo</i> and <i>in vivo</i> evaluations. <i>Nanomedicine</i> , 2019, 14, 889-910.	3.3	25
69	Enhanced antitubercular activity, alveolar deposition and macrophages uptake of mannosylated stable nanoliposomes. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 51, 513-523.	3.0	28
70	Assessment of the Relaxation-Enhancing Properties of a Nitroxide-Based Contrast Agent TEEPO-Glc with <i>In Vivo</i> Magnetic Resonance Imaging. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-8.	0.8	5
71	Site-Specific ^{111}In -Radiolabeling of Dual-PEGylated Porous Silicon Nanoparticles and Their <i>In Vivo</i> Evaluation in Murine 4T1 Breast Cancer Model. <i>Pharmaceutics</i> , 2019, 11, 686.	4.5	14
72	Application of carbon nanotubes in cancer vaccines: Achievements, challenges and chances. <i>Journal of Controlled Release</i> , 2019, 297, 79-90.	9.9	59

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73	Designed inorganic porous nanovector with controlled release and MRI features for safe administration of doxorubicin. <i>International Journal of Pharmaceutics</i> , 2019, 554, 327-336.	5.2	12
74	Mesoporous systems for poorly soluble drugs – recent trends. <i>International Journal of Pharmaceutics</i> , 2018, 536, 178-186.	5.2	51
75	Preparation of Exosomes for siRNA Delivery to Cancer Cells. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	69
76	Engineering Human Epidermal Growth Receptor 2-Targeting Hepatitis B Virus Core Nanoparticles for siRNA Delivery <i>in Vitro</i> and <i>in Vivo</i> . <i>ACS Applied Nano Materials</i> , 2018, 1, 3269-3282.	5.0	17
77	Functionalised Carbon Nanotubes Enhance Brain Delivery of Amyloid-Targeting Pittsburgh Compound B (PiB)-Derived Ligands. <i>Nanotheranostics</i> , 2018, 2, 168-183.	5.2	48
78	Protein-Corona-by-Design in 2D: A Reliable Platform to Decode Bio-Nano Interactions for the Next-Generation Quality-by-Design Nanomedicines. <i>Advanced Materials</i> , 2018, 30, e1802732.	21.0	21
79	Scalable Synthesis of Biodegradable Black Mesoporous Silicon Nanoparticles for Highly Efficient Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 23529-23538.	8.0	35
80	Engineering folate-targeting diselenide-containing triblock copolymer as a redox-responsive shell-sheddable micelle for antitumor therapy in vivo. <i>Acta Biomaterialia</i> , 2018, 76, 239-256.	8.3	53
81	Evaluation of the immunological profile of antibody-functionalized metal-filled single-walled carbon nanocapsules for targeted radiotherapy. <i>Scientific Reports</i> , 2017, 7, 42605.	3.3	11
82	Yield Optimisation of Hepatitis B Virus Core Particles in E. coli Expression System for Drug Delivery Applications. <i>Scientific Reports</i> , 2017, 7, 43160.	3.3	16
83	Mixed micelles of lipoic acid-chitosan-poly(ethylene glycol) and distearoylphosphatidylethanolamine-poly(ethylene glycol) for tumor delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 101, 228-242.	4.0	17
84	Investigating in vitro and in vivo $\alpha_6\beta_1$ integrin receptor-targeting liposomal alendronate for combinatory $\gamma\delta$ T cell immunotherapy. <i>Journal of Controlled Release</i> , 2017, 256, 141-152.	9.9	25
85	Spatially-resolved profiling of carbon nanotube uptake across cell lines. <i>Nanoscale</i> , 2017, 9, 6800-6807.	5.6	9
86	Polymeric glabrescione B nanocapsules for passive targeting of Hedgehog-dependent tumor therapy <i>in vitro</i> . <i>Nanomedicine</i> , 2017, 12, 711-728.	3.3	27
87	Engineering hepatitis B virus core particles for targeting HER2 receptors <i>in vitro</i> and <i>in vivo</i> . <i>Biomaterials</i> , 2017, 120, 126-138.	11.4	21
88	Dual Contrast CT Method Enables Diagnostics of Cartilage Injuries and Degeneration Using a Single CT Image. <i>Annals of Biomedical Engineering</i> , 2017, 45, 2857-2866.	2.5	22
89	Nano Air Seeds Trapped in Mesoporous Janus Nanoparticles Facilitate Cavitation and Enhance Ultrasound Imaging. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 35234-35243.	8.0	27
90	Chlorin e6 Functionalized Theranostic Multistage Nanovectors Transported by Stem Cells for Effective Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 23441-23449.	8.0	51

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91	Toward Controlled Photothermal Treatment of Single Cell: Optically Induced Heating and Remote Temperature Monitoring In Vitro through Double Wavelength Optical Tweezers. ACS Photonics, 2017, 4, 1993-2002.	6.6	25
92	Nano-technology based carriers for nitrogen-containing bisphosphonates delivery as sensitizers of $\hat{1}^{31}$ T cells for anticancer immunotherapy. Advanced Drug Delivery Reviews, 2017, 114, 143-160.	13.7	28
93	Novel Hyaluronic Acid Conjugates for Dual Nuclear Imaging and Therapy in CD44-Expressing Tumors in Mice <i><i>In Vivo</i></i> . Nanotheranostics, 2017, 1, 59-79.	5.2	42
94	Triple-Modal Imaging of Magnetically-Targeted Nanocapsules in Solid Tumours <i><i>In Vivo</i></i> . Theranostics, 2016, 6, 342-356.	10.0	55
95	Preface. International Review of Neurobiology, 2016, 130, xi-xiv.	2.0	0
96	Effects of cooling rate in microscale and pilot scale freeze-drying " Variations in excipient polymorphs and protein secondary structure. European Journal of Pharmaceutical Sciences, 2016, 95, 72-81.	4.0	31
97	In vitro potency, in vitro and in vivo efficacy of liposomal alendronate in combination with $\hat{1}^{31}$ T cell immunotherapy in mice. Journal of Controlled Release, 2016, 241, 229-241.	9.9	25
98	Temperature responsive porous silicon nanoparticles for cancer therapy " spatiotemporal triggering through infrared and radiofrequency electromagnetic heating. Journal of Controlled Release, 2016, 241, 220-228.	9.9	58
99	Functionalised carbon nanotubes: From intracellular uptake and cell-related toxicity to systemic brain delivery. Journal of Controlled Release, 2016, 241, 200-219.	9.9	157
100	Investigating the effect of tumor vascularization on magnetic targeting in <i>in vivo</i> using retrospective design of experiment. Biomaterials, 2016, 106, 276-285.	11.4	62
101	Magnetic Drug Targeting: Preclinical in Vivo Studies, Mathematical Modeling, and Extrapolation to Humans. Nano Letters, 2016, 16, 5652-5660.	9.1	140
102	Doxorubicin enhances curcumin's cytotoxicity in human prostate cancer cells in vitro by enhancing its cellular uptake. International Journal of Pharmaceutics, 2016, 514, 169-175.	5.2	20
103	Current Perspective of Carbon Nanotubes Application in Neurology. International Review of Neurobiology, 2016, 130, 229-263.	2.0	9
104	Real-time monitoring of magnetic drug targeting using fibered confocal fluorescence microscopy. Journal of Controlled Release, 2016, 244, 240-246.	9.9	19
105	Dual stimulation of antigen presenting cells using carbon nanotube-based vaccine delivery system for cancer immunotherapy. Biomaterials, 2016, 104, 310-322.	11.4	114
106	Tailored Dual PEGylation of Inorganic Porous Nanocarriers for Extremely Long Blood Circulation in Vivo. ACS Applied Materials & Interfaces, 2016, 8, 32723-32731.	8.0	39
107	The Shortening of MWNT-SPION Hybrids by Steam Treatment Improves Their Magnetic Resonance Imaging Properties In Vitro and In Vivo. Small, 2016, 12, 2893-2905.	10.0	21
108	Carbon nanotubes' surface chemistry determines their potency as vaccine nanocarriers in vitro and in vivo. Journal of Controlled Release, 2016, 225, 205-216.	9.9	52

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109	Translocation of LRP1 targeted carbon nanotubes of different diameters across the bloodâ€‘brain barrier in vitro and in vivo. <i>Journal of Controlled Release</i> , 2016, 225, 217-229.	9.9	111
110	Kinetics of functionalised carbon nanotube distribution in mouse brain after systemic injection: Spatial to ultra-structural analyses. <i>Journal of Controlled Release</i> , 2016, 224, 22-32.	9.9	48
111	Design of antibody-functionalized carbon nanotubes filled with radioactivable metals towards a targeted anticancer therapy. <i>Nanoscale</i> , 2016, 8, 12626-12638.	5.6	28
112	Cytotoxicity assessment of porous silicon microparticles for ocular drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 100, 1-8.	4.3	37
113	Pharmacophore and QSAR Modeling of Neuronal Nitric Oxide Synthase Ligands and Subsequent Validation and In Silico Search for New Scaffolds. <i>Medicinal Chemistry</i> , 2016, 12, 371-393.	1.5	2
114	Passively Targeted Curcumin-Loaded PEGylated PLGA Nanocapsules for Colon Cancer Therapy In Vivo. <i>Small</i> , 2015, 11, 4704-4722.	10.0	94
115	Kupffer Cell Isolation for Nanoparticle Toxicity Testing. <i>Journal of Visualized Experiments</i> , 2015, , e52989.	0.3	20
116	Fabrication of Porous Silicon Based Humidity Sensing Elements on Paper. <i>Journal of Sensors</i> , 2015, 2015, 1-10.	1.1	21
117	Films of Graphene Nanomaterials Formed by Ultrasonic Spraying of Their Stable Suspensions. <i>Aerosol Science and Technology</i> , 2015, 49, 45-56.	3.1	15
118	Design of Cationic Multiwalled Carbon Nanotubes as Efficient siRNA Vectors for Lung Cancer Xenograft Eradication. <i>Bioconjugate Chemistry</i> , 2015, 26, 1370-1379.	3.6	58
119	Novel Delivery Systems for Improving the Clinical Use of Peptides. <i>Pharmacological Reviews</i> , 2015, 67, 541-561.	16.0	62
120	Optimisation of thermoporometry measurements to evaluate mesoporous organic and carbon xero-, cryo- and aerogels. <i>Thermochimica Acta</i> , 2015, 621, 81-89.	2.7	10
121	Systematic inÂ‘vitro and inÂ‘vivo study on porous silicon to improve the oral bioavailability of celecoxib. <i>Biomaterials</i> , 2015, 52, 44-55.	11.4	38
122	Microglia Determine Brain Region-Specific Neurotoxic Responses to Chemically Functionalized Carbon Nanotubes. <i>ACS Nano</i> , 2015, 9, 7815-7830.	14.6	86
123	Synthesis of double-clickable functionalised graphene oxide for biological applications. <i>Chemical Communications</i> , 2015, 51, 14981-14984.	4.1	43
124	Organic Solvent-Free, One-Step Engineering of Graphene-Based Magnetic-Responsive Hybrids Using Design of Experiment-Driven Mechanochemistry. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 14176-14181.	8.0	31
125	Cationic Liposome- Multi-Walled Carbon Nanotubes Hybrids for Dual siPLK1 and Doxorubicin Delivery In Vitro. <i>Pharmaceutical Research</i> , 2015, 32, 3293-3308.	3.5	25
126	Mutation of arginine residues to avoid non-specific cellular uptakes for hepatitis B virus core particles. <i>Journal of Nanobiotechnology</i> , 2015, 13, 15.	9.1	4

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127	Smart Porous Silicon Nanoparticles with Polymeric Coatings for Sequential Combination Therapy. <i>Molecular Pharmaceutics</i> , 2015, 12, 4038-4047.	4.6	63
128	Solvent-Free Click-Mechanochemistry for the Preparation of Cancer Cell Targeting Graphene Oxide. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 18920-18923.	8.0	35
129	Functionalized carbon nanotubes: revolution in brain delivery. <i>Nanomedicine</i> , 2015, 10, 2639-2642.	3.3	40
130	The interaction of carbon nanotubes with an <i>in vitro</i> blood-brain barrier model and mouse brain <i>in vivo</i> . <i>Biomaterials</i> , 2015, 53, 437-452.	11.4	178
131	Improved stability and biocompatibility of nanostructured silicon drug carrier for intravenous administration. <i>Acta Biomaterialia</i> , 2015, 13, 207-215.	8.3	60
132	Carbon Nanotubes Deliver in Medicine. <i>American Scientist</i> , 2015, 103, 122.	0.1	0
133	Ritodrine inhibits neuronal nitric oxide synthase, a potential link between tocolysis and autism. <i>Medicinal Chemistry Research</i> , 2014, 23, 5102-5109.	2.4	1
134	Contrast Agents: Magnetically Decorated Multiwalled Carbon Nanotubes as Dual MRI and SPECT Contrast Agents (<i>Adv. Funct. Mater.</i> 13/2014). <i>Advanced Functional Materials</i> , 2014, 24, 1879-1879.	14.9	1
135	Production of Water-Soluble Few-Layer Graphene Mesosheets by Dry Milling with Hydrophobic Drug. <i>Langmuir</i> , 2014, 30, 14999-15008.	3.5	10
136	A Nanostopper Approach To Selectively Engineer the Surfaces of Mesoporous Silicon. <i>Chemistry of Materials</i> , 2014, 26, 6734-6742.	6.7	28
137	Injected nanoparticles: The combination of experimental systems to assess cardiovascular adverse effects. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 87, 64-72.	4.3	17
138	The relationship between the diameter of chemically-functionalized multi-walled carbon nanotubes and their organ biodistribution profiles <i>in vivo</i> . <i>Biomaterials</i> , 2014, 35, 9517-9528.	11.4	57
139	Nanocarriers and the delivered drug: Effect interference due to intravenous administration. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 63, 96-102.	4.0	10
140	Magnetically Decorated Multiwalled Carbon Nanotubes as Dual MRI and SPECT Contrast Agents. <i>Advanced Functional Materials</i> , 2014, 24, 1880-1894.	14.9	72
141	Polyethylene Glycol Conjugated Polymeric Nanocapsules for Targeted Delivery of Quercetin to Folate-Expressing Cancer Cells <i>in vitro</i> and <i>in vivo</i> . <i>ACS Nano</i> , 2014, 8, 1384-1401.	14.6	155
142	Development of Porous Silicon Nanocarriers for Parenteral Peptide Delivery. <i>Molecular Pharmaceutics</i> , 2013, 10, 353-359.	4.6	65
143	Cationic Poly-L-lysine Dendrimer Complexes Doxorubicin and Delays Tumor Growth <i>in vitro</i> and <i>in vivo</i> . <i>ACS Nano</i> , 2013, 7, 1905-1917.	14.6	124
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