Furong Tian

List of Publications by Year
in descending order

63	4,618	147566	149479
papers	citations	31 h-index	56 g-index

66	66	66	7584
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of single wall carbon nanotubes on human HEK293 cells. Toxicology Letters, 2005, 155, 73-85.	0.4	773
2	Multifunctional Nanocarriers for diagnostics, drug delivery and targeted treatment across blood-brain barrier: perspectives on tracking and neuroimaging. Particle and Fibre Toxicology, 2010, 7, 3.	2.8	386
3	Cytotoxicity of single-wall carbon nanotubes on human fibroblasts. Toxicology in Vitro, 2006, 20, 1202-1212.	1.1	380
4	Surface enhanced Raman scattering with gold nanoparticles: effect of particle shape. Analytical Methods, 2014, 6, 9116-9123.	1.3	236
5	Design of Multifunctional Gold Nanoparticles for In Vitro and In Vivo Gene Silencing. ACS Nano, 2012, 6, 8316-8324.	7.3	223
6	Osteogenic differentiation of mesenchymal stem cells in self-assembled peptide-amphiphile nanofibers. Biomaterials, 2006, 27, 4079-4086.	5.7	216
7	Dual Targeted Immunotherapy via In Vivo Delivery of Biohybrid RNAiâ€Peptide Nanoparticles to Tumorâ€Associated Macrophages and Cancer Cells. Advanced Functional Materials, 2015, 25, 4183-4194.	7.8	196
8	Quantitative analysis of cell adhesion on aligned microâ€•and nanofibers. Journal of Biomedical Materials Research - Part A, 2008, 84A, 291-299.	2.1	160
9	Effects of single-walled carbon nanotubes on the polymerase chain reaction. Nanotechnology, 2004, 15, 154-157.	1.3	148
10	InÂvivo tumor targeting via nanoparticle-mediated therapeutic siRNA coupled to inflammatory response in lung cancer mouse models. Biomaterials, 2013, 34, 7744-7753.	5.7	136
11	Gold Nanoprisms as Optoacoustic Signal Nanoamplifiers for In Vivo Bioimaging of Gastrointestinal Cancers. Small, 2013, 9, 68-74.	5.2	121
12	Gold nanostars for efficient inÂvitro and inÂvivo real-time SERS detection and drug delivery via plasmonic-tunable Raman/FTIR imaging. Biomaterials, 2016, 106, 87-97.	5.7	121
13	Ectopic bone formation in collagen sponge self-assembled peptideâ€“amphiphile nanofibers hybrid scaffold in a perfusion culture bioreactor. Biomaterials, 2006, 27, 5089-5098.	5.7	116
14	Size dependent translocation and fetal accumulation of gold nanoparticles from maternal blood in the rat. Particle and Fibre Toxicology, 2014, 11, 33.	2.8	108
15	Antibodyâ€“drug gold nanoantennas with Raman spectroscopic fingerprints for in vivo tumour theranostics. Journal of Controlled Release, 2014, 183, 87-93.	4.8	99
16	Using NGF heparin-poloxamer thermosensitive hydrogels to enhance the nerve regeneration for spinal cord injury. Acta Biomaterialia, 2016, 29, 71-80.	4.1	97
17	Bone Regeneration on a Collagen Sponge Self-Assembled Peptide-Amphiphile Nanofiber Hybrid Scaffold. Tissue Engineering, 2007, 13, 11-19.	4.9	85
18	Effects of Antisense-Myc-Conjugated Single-Walled Carbon Nanotubes on HL-60Cells. Journal of Nanoscience and Nanotechnology, 2007, 7, 1639-1646.	0.9	74

#	Article	IF	Citations
19	15 years on siRNA delivery: Beyond the State-of-the-Art on inorganic nanoparticles for RNAi therapeutics. Nano Today, 2015, 10, 421-450.	6.2	73
20	Proanthocyanidin prevents lipopolysaccharide-induced depressive-like behavior in mice via neuroinflammatory pathway. Brain Research Bulletin, 2017, 135, 40-46.	1.4	66
21	Radiosensitization of paclitaxel, etanidazole and paclitaxel+etanidazole nanoparticles on hypoxic human tumor cells in vitro. Biomaterials, 2007, 28, 3724-3730.	5.7	64
22	Gold nanoprisms as a hybrid in vivo cancer theranostic platform for in situ photoacoustic imaging, angiography, and localized hyperthermia. Nano Research, 2016, 9, 1043-1056.	5.8	64
23	Cold Atmospheric Plasma Induces ATP-Dependent Endocytosis of Nanoparticles and Synergistic U373MG Cancer Cell Death. Scientific Reports, 2018, 8, 5298.	1.6	62
24	Exposure to 2.45 GHz electromagnetic fields induces hsp70 at a high SAR of more than 20 W/kg but not at 5W/kg in human glioma MO54 cells. International Journal of Radiation Biology, 2002, 78, 433-440.	1.0	49
25	Plasmonic gold nanoparticles for detection of fungi and human cutaneous fungal infections. Analytical and Bioanalytical Chemistry, 2017, 409, 4647-4658.	1.9	41
26	Systematic selection of housekeeping genes for gene expression normalization in chicken embryo fibroblasts infected with Newcastle disease virus. Biochemical and Biophysical Research Communications, 2011, 413, 537-540.	1.0	39
27	Exposure to Power Frequency Magnetic Fields Suppresses X-Ray-Induced Apoptosis Transiently in Ku80-Deficient xrs5 Cells. Biochemical and Biophysical Research Communications, 2002, 292, 355-361.	1.0	35
28	Surface modification and size dependence in particle translocation during early embryonic development. Inhalation Toxicology, 2009, 21, 92-96.	0.8	35
29	Bioresponsive antisense DNA gold nanobeacons as a hybrid in vivo theranostics platform for the inhibition of cancer cells and metastasis. Scientific Reports, 2015, 5, 12297.	1.6	35
30	RNAi-based glyconanoparticles trigger apoptotic pathways for in vitro and in vivo enhanced cancer-cell killing. Nanoscale, 2015, 7, 9083-9091.	2.8	35
31	Investigating the role of shape on the biological impact of gold nanoparticles in vitro. Nanomedicine, 2015, 10, 2643-2657.	1.7	33
32	RNAi nanomaterials targeting immune cells as an anti-tumor therapy: the missing link in cancer treatment?. Materials Today, 2016, 19, 29-43.	8.3	31
33	Selection and evaluation of stable housekeeping genes for gene expression normalization in carbon nanoparticle-induced acute pulmonary inflammation in mice. Biochemical and Biophysical Research Communications, 2010, 399, 531-536.	1.0	26
34	Radiosensitization by Inhibition of ÍºB-Î± Phosphorylation in Human Glioma Cells. Radiation Research, 2003, 160, 232-237.	0.7	23
35	Investigating the Role of Gold Nanoparticle Shape and Size in Their Toxicities to Fungi. International Journal of Environmental Research and Public Health, 2018, 15, 998.	1.2	23
36	Cold Atmospheric Plasma Stimulates Clathrin-Dependent Endocytosis to Repair Oxidised Membrane and Enhance Uptake of Nanomaterial in Glioblastoma Multiforme Cells. Scientific Reports, 2020, 10, 6985.	1.6	23

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37	Developing Gold Nanoparticles-Conjugated Aflatoxin B1 Antifungal Strips. International Journal of Molecular Sciences, 2019, 20, 6260.	1.8	18
38	A novel assay for the quantification of internalized nanoparticles in macrophages. Nanotoxicology, 2008, 2, 232-242.	1.6	17
39	Enhanced Anticancer Response of Curcumin- and Piperine-Loaded Lignin-g-p (NIPAM-co-DMAEMA) Gold Nanogels against U-251 MG Glioblastoma Multiforme. Biomedicines, 2021, 9, 1516.	1.4	17
40	One Step Quick Detection of Cancer Cell Surface Marker by Integrated NiFe-based Magnetic Biosensing Cell Cultural Chip. Nano-Micro Letters, 2013, 5, 213-222.	14.4	15
41	Pulmonary DWCNT exposure causes sustained local and low-level systemic inflammatory changes in mice. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 84, 412-420.	2.0	14
42	A novel, rapid, seedless, in situ synthesis method of shape and size controllable gold nanoparticles using phosphates. Scientific Reports, 2019, 9, 7421.	1.6	12
43	Macrophage Cellular Adaptation, Localization and Imaging of Different Size Polystyrene Particles. Nano Biomedicine and Engineering, 2009, 1, .	0.3	11
44	Replantation of Completely Amputated Thumbs With Venous Arterialization. Journal of Hand Surgery, 2007, 32, 1048-1052.	0.7	9
45	Editorial: Cancer Nanotheranostics: What Have We Learned So Far?. Frontiers in Chemistry, 2016, 3, 71.	1.8	9
46	Hemp Growth Factors and Extraction Methods Effect on Antimicrobial Activity of Hemp Seed Oil: A Systematic Review. Separations, 2021, 8, 183.	1.1	9
47	Combination Strategies for Targeted Delivery of Nanoparticles for Cancer Therapy. , 2019, , 191-219.		8
48	Improved visualisation of internalised carbon nanotubes by maximising cell spreading on nanostructured substrates. Nano Biomedicine and Engineering, 2010, 2, .	0.3	7
49	Do significant risk warnings in annual reports increase corporate bond credit spreads? Evidence from China. China Journal of Accounting Research, 2019, 12, 191-208.	0.9	6
50	Enhanced pyrazolopyrimidinones cytotoxicity against glioblastoma cells activated by ROS-Generating cold atmospheric plasma. European Journal of Medicinal Chemistry, 2021, 224, 113736.	2.6	6
51	The Effect of Diameter of Electronspun PGA Scaffold for Biological Behaviour of Human Umbilical Vein Endothelial Cells. Key Engineering Materials, 2007, 342-343, 237-240.	0.4	5
52	Multifunctional Gold Nanocarriers for Cancer Theranostics: From Bench to Bedside and Back Again?. Advances in Delivery Science and Technology, 2014, , 295-328.	0.4	5
53	Hospital Effluents and Wastewater Treatment Plants: A Source of Oxytetracycline and Antimicrobial-Resistant Bacteria in Seafood. Sustainability, 2021, 13, 13967.	1.6	4
54	Limits of Detection of Mycotoxins by Laminar Flow Strips: A Review. Applied Nano, 2022, 3, 91-101.	0.9	4

#	Article	IF	Citations
55	Deep hypothermic preservation of autologous skin in the treatment of large-area circumferential multi-plane degloving trauma: a pilot study of 2 cases. Cell and Tissue Banking, 2019, 20, 109-115.	0.5	3
56	One Step Quick Detection of Cancer Cell Surface Marker by Integrated NiFe-based Magnetic Biosensing Cell Cultural Chip. Nano-Micro Letters, 2013, 5, 213.	14.4	3
57	Nanoprisms: Gold Nanoprisms as Optoacoustic Signal Nanoamplifiers for In Vivo Bioimaging of Gastrointestinal Cancers (Small 1/2013). Small, 2013, 9, 67-67.	5.2	2
58	Effects of Single-Walled Carbon Nanotube on Polymerase Chain Reaction. Materials Research Society Symposia Proceedings, 2003, 773, 231.	0.1	0
59	A Novel Mouse Model To Study Mechanisms Of Macrophage-Dependent Lung Inflammation. , 2012, , .		0
60	Microfiber coupler based biosensor incorporating a layer of gold nanoparticles with improved sensitivity. Proceedings of SPIE, 2014, , .	0.8	0
61	Delivery of Gold Nanoparticles Inside Carbon Nanotubes by Oligonucleotides. Nano Biomedicine and Engineering, 2011, 3, .	0.3	0
62	Research of Localization of Foreign-invested Hotels in China. , 0, , .		0
63	Circuit Design for QoS Routing Strategy Based on Target Searching Algorithm. , 0, , .		0