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	Limits of Detection of Mycotoxins by Laminar Flow Strips: A Review. Applied Nano, 2022, 3, 91-101.	0.9	4
2	Enhanced pyrazolopyrimidinones cytotoxicity against glioblastoma cells activated by ROS-Generating cold atmospheric plasma. European Journal of Medicinal Chemistry, 2021, 224, 113736.	2.6	6
3	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
4	Hemp Growth Factors and Extraction Methods Effect on Antimicrobial Activity of Hemp Seed Oil: A Systematic Review. Separations, 2021, 8, 183.	1.1	9
5	Hospital Effluents and Wastewater Treatment Plants: A Source of Oxytetracycline and Antimicrobial-Resistant Bacteria in Seafood. Sustainability, 2021, 13, 13967.	1.6	4
6	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
7	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
8	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
9	Developing Gold Nanoparticles-Conjugated Aflatoxin B1 Antifungal Strips. International Journal of Molecular Sciences, 2019, 20, 6260.	1.8	18
10	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
11	Combination Strategies for Targeted Delivery of Nanoparticles for Cancer Therapy. , 2019, , 191-219.		8
12	Cold Atmospheric Plasma Induces ATP-Dependent Endocytosis of Nanoparticles and Synergistic U373MG Cancer Cell Death. Scientific Reports, 2018, 8, 5298.	1.6	62
13	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
14	Proanthocyanidin prevents lipopolysaccharide-induced depressive-like behavior in mice via neuroinflammatory pathway. Brain Research Bulletin, 2017, 135, 40-46.	1.4	66
15	Plasmonic gold nanoparticles for detection of fungi and human cutaneous fungal infections. Analytical and Bioanalytical Chemistry, 2017, 409, 4647-4658.	1.9	41
16	Editorial: Cancer Nanotheranostics: What Have We Learned So Far?. Frontiers in Chemistry, 2016, 3, 71.	1.8	9
17	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
18	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

#	Article	IF	Citations
19	Using NGF heparin-poloxamer thermosensitive hydrogels to enhance the nerve regeneration for spinal cord injury. Acta Biomaterialia, 2016, 29, 71-80.	4.1	97
20	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
21	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
22	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
23	RNAi-based glyconanoparticles trigger apoptotic pathways for in vitro and in vivo enhanced cancer-cell killing. Nanoscale, 2015, 7, 9083-9091.	2.8	35
24	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
25	Investigating the role of shape on the biological impact of gold nanoparticles in vitro. Nanomedicine, 2015, 10, 2643-2657.	1.7	33
26	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
27	Microfiber coupler based biosensor incorporating a layer of gold nanoparticles with improved sensitivity. Proceedings of SPIE, 2014, , .	0.8	0
28	Antibodyâ€“drug gold nanoantennas with Raman spectroscopic fingerprints for in vivo tumour theranostics. Journal of Controlled Release, 2014, 183, 87-93.	4.8	99
29	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
30	Surface enhanced Raman scattering with gold nanoparticles: effect of particle shape. Analytical Methods, 2014, 6, 9116-9123.	1.3	236
31	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
32	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
33	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
34	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
35	Gold Nanoprisms as Optoacoustic Signal Nanoamplifiers for In Vivo Bioimaging of Gastrointestinal Cancers. Small, 2013, 9, 68-74.	5.2	121
36	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

#	Article	IF	Citations
37	Design of Multifunctional Gold Nanoparticles for In Vitro and In Vivo Gene Silencing. ACS Nano, 2012, 6, 8316-8324.	7.3	223
38	A Novel Mouse Model To Study Mechanisms Of Macrophage-Dependent Lung Inflammation. , 2012, , .		0
39	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
40	Delivery of Gold Nanoparticles Inside Carbon Nanotubes by Oligonucleotides. Nano Biomedicine and Engineering, 2011, 3, .	0.3	0
41	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
42	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
43	Improved visualisation of internalised carbon nanotubes by maximising cell spreading on nanostructured substrates. Nano Biomedicine and Engineering, 2010, 2, .	0.3	7
44	Surface modification and size dependence in particle translocation during early embryonic development. Inhalation Toxicology, 2009, 21, 92-96.	0.8	35
45	Macrophage Cellular Adaptation, Localization and Imaging of Different Size Polystyrene Particles. Nano Biomedicine and Engineering, 2009, 1, .	0.3	11
46	Quantitative analysis of cell adhesion on aligned microâ€•and nanofibers. Journal of Biomedical Materials Research - Part A, 2008, 84A, 291-299.	2.1	160
47	A novel assay for the quantification of internalized nanoparticles in macrophages. Nanotoxicology, 2008, 2, 232-242.	1.6	17
48	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
49	Replantation of Completely Amputated Thumbs With Venous Arterialization. Journal of Hand Surgery, 2007, 32, 1048-1052.	0.7	9
50	Bone Regeneration on a Collagen Sponge Self-Assembled Peptide-Amphiphile Nanofiber Hybrid Scaffold. Tissue Engineering, 2007, 13, 11-19.	4.9	85
51	Radiosensitization of paclitaxel, etanidazole and paclitaxel+etanidazole nanoparticles on hypoxic human tumor cells in vitro. Biomaterials, 2007, 28, 3724-3730.	5.7	64
52	Effects of Antisense-Myc-Conjugated Single-Walled Carbon Nanotubes on HL-60Cells. Journal of Nanoscience and Nanotechnology, 2007, 7, 1639-1646.	0.9	74
53	Cytotoxicity of single-wall carbon nanotubes on human fibroblasts. Toxicology in Vitro, 2006, 20, 1202-1212.	1.1	380
54	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

#	Article	IF	Citations
55	Osteogenic differentiation of mesenchymal stem cells in self-assembled peptide-amphiphile nanofibers. Biomaterials, 2006, 27, 4079-4086.	5.7	216
56	Effect of single wall carbon nanotubes on human HEK293 cells. Toxicology Letters, 2005, 155, 73-85.	0.4	773
57	Effects of single-walled carbon nanotubes on the polymerase chain reaction. Nanotechnology, 2004, 15, 154-157.	1.3	148
58	Radiosensitization by Inhibition of Ï⁹B-Î± Phosphorylation in Human Glioma Cells. Radiation Research, 2003, 160, 232-237.	0.7	23
59	Effects of Single-Walled Carbon Nanotube on Polymerase Chain Reaction. Materials Research Society Symposia Proceedings, 2003, 773, 231.	0.1	0
60	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
61	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
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