

Haifang Wang

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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.

146
papers

17,132
citations

52
h-index

130
g-index

154
ext. papers

18,566
ext. citations

6.4
avg, IF

6.11
L-index

#	Paper	IF	Citations
146	Quantum-sized carbon dots for bright and colorful photoluminescence. <i>Journal of the American Chemical Society</i> , 2006 , 128, 7756-7	16.4	3362
145	Carbon dots for multiphoton bioimaging. <i>Journal of the American Chemical Society</i> , 2007 , 129, 11318-9	16.4	1752
144	Carbon dots for optical imaging in vivo. <i>Journal of the American Chemical Society</i> , 2009 , 131, 11308-9	16.4	1199
143	Cytotoxicity of carbon nanomaterials: single-wall nanotube, multi-wall nanotube, and fullerene. <i>Environmental Science & Technology</i> , 2005 , 39, 1378-83	10.3	1191
142	In vitro toxicity evaluation of graphene oxide on A549 cells. <i>Toxicology Letters</i> , 2011 , 200, 201-10	4.4	1026
141	Carbon Dots as Nontoxic and High-Performance Fluorescence Imaging Agents. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 18110-18114	3.8	710
140	Carbon "quantum" dots for optical bioimaging. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 2116-2127	7.3	619
139	Removal of methylene blue from aqueous solution by graphene oxide. <i>Journal of Colloid and Interface Science</i> , 2011 , 359, 24-9	9.3	522
138	Folding/aggregation of graphene oxide and its application in Cu ²⁺ removal. <i>Journal of Colloid and Interface Science</i> , 2010 , 351, 122-7	9.3	469
137	Long-term accumulation and low toxicity of single-walled carbon nanotubes in intravenously exposed mice. <i>Toxicology Letters</i> , 2008 , 181, 182-9	4.4	361
136	Biodistribution of carbon single-wall carbon nanotubes in mice. <i>Journal of Nanoscience and Nanotechnology</i> , 2004 , 4, 1019-24	1.3	311
135	Acute toxicological impact of nano- and submicro-scaled zinc oxide powder on healthy adult mice. <i>Journal of Nanoparticle Research</i> , 2008 , 10, 263-276	2.3	276
134	Superior antibacterial activity of zinc oxide/graphene oxide composites originating from high zinc concentration localized around bacteria. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 2791-8	9.5	267
133	Translocation and fate of multi-walled carbon nanotubes in vivo. <i>Carbon</i> , 2007 , 45, 1419-1424	10.4	229
132	Biodistribution of Pristine Single-Walled Carbon Nanotubes In Vivo. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 17761-17764	3.8	200
131	Biocompatible, Antifouling, and Thermosensitive Core-Shell Nanogels Synthesized by RAFT Aqueous Dispersion Polymerization. <i>Macromolecules</i> , 2011 , 44, 2524-2530	5.5	185
130	Characterization and preliminary toxicity assay of nano-titanium dioxide additive in sugar-coated chewing gum. <i>Small</i> , 2013 , 9, 1765-74	11	173

129	Effect of size and dose on the biodistribution of graphene oxide in mice. <i>Nanomedicine</i> , 2012 , 7, 1801-125.6	153
128	Adsorption behavior of copper ions on graphene oxide-chitosan aerogel. <i>Journal of Environmental Chemical Engineering</i> , 2013 , 1, 1044-1050	6.8 150
127	Susceptibility of young and adult rats to the oral toxicity of titanium dioxide nanoparticles. <i>Small</i> , 2013 , 9, 1742-52	11 142
126	Biodistribution and fate of nanodiamonds in vivo. <i>Diamond and Related Materials</i> , 2009 , 18, 95-100	3.5 139
125	Covalently PEGylated carbon nanotubes with stealth character in vivo. <i>Small</i> , 2008 , 4, 940-4	11 137
124	Pharmacokinetics, metabolism and toxicity of carbon nanotubes for biomedical purposes. <i>Theranostics</i> , 2012 , 2, 271-82	12.1 121
123	Pulmonary toxicity and translocation of nanodiamonds in mice. <i>Diamond and Related Materials</i> , 2010 , 19, 291-299	3.5 116
122	Unique aggregation of anthrax (<i>Bacillus anthracis</i>) spores by sugar-coated single-walled carbon nanotubes. <i>Journal of the American Chemical Society</i> , 2006 , 128, 13364-5	16.4 106
121	Neurotoxicity of low-dose repeatedly intranasal instillation of nano- and submicron-sized ferric oxide particles in mice. <i>Journal of Nanoparticle Research</i> , 2009 , 11, 41-53	2.3 92
120	Epithelial-mesenchymal transition involved in pulmonary fibrosis induced by multi-walled carbon nanotubes via TGF-beta/Smad signaling pathway. <i>Toxicology Letters</i> , 2014 , 226, 150-62	4.4 91
119	Carboxylic acid functionalization prevents the translocation of multi-walled carbon nanotubes at predicted environmentally relevant concentrations into targeted organs of nematode <i>Caenorhabditis elegans</i> . <i>Nanoscale</i> , 2013 , 5, 6088-96	7.7 87
118	Multi-walled carbon nanotubes induce apoptosis via mitochondrial pathway and scavenger receptor. <i>Toxicology in Vitro</i> , 2012 , 26, 799-806	3.6 81
117	Smart Self-Assembled Nanosystem Based on Water-Soluble Pillararene and Rare-Earth-Doped Upconversion Nanoparticles for pH-Responsive Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 4910-4920	9.5 75
116	Progress in the characterization and safety evaluation of engineered inorganic nanomaterials in food. <i>Nanomedicine</i> , 2013 , 8, 2007-25	5.6 73
115	Fullerene-conjugated doxorubicin in cells. <i>ACS Applied Materials & Interfaces</i> , 2010 , 2, 1384-9	9.5 71
114	Crucial role of the biological barrier at the primary targeted organs in controlling the translocation and toxicity of multi-walled carbon nanotubes in the nematode <i>Caenorhabditis elegans</i> . <i>Nanoscale</i> , 2013 , 5, 11166-78	7.7 70
113	Biodistribution and tumor uptake of C60(OH) _x in mice. <i>Journal of Nanoparticle Research</i> , 2006 , 8, 53-63	2.3 70
112	Single-walled carbon nanotube as a unique scaffold for the multivalent display of sugars. <i>Biomacromolecules</i> , 2008 , 9, 2408-18	6.9 67

111	Fluorescent carbon dots and nanodiamonds for biological imaging: preparation, application, pharmacokinetics and toxicity. <i>Current Drug Metabolism</i> , 2012 , 13, 1046-56	3.5	66
110	Evaluation of the adjuvant effect of silver nanoparticles both in vitro and in vivo. <i>Toxicology Letters</i> , 2013 , 219, 42-8	4.4	64
109	A generally adoptable radiotracing method for tracking carbon nanotubes in animals. <i>Nanotechnology</i> , 2008 , 19, 075101	3.4	63
108	Effect of titanium dioxide nanoparticles on the cardiovascular system after oral administration. <i>Toxicology Letters</i> , 2015 , 239, 123-30	4.4	62
107	Hydrothermal preparation of magnetic Fe ₃ O ₄ @C nanoparticles for dye adsorption. <i>Journal of Environmental Chemical Engineering</i> , 2014 , 2, 907-913	6.8	62
106	Evaluation of the toxicity of food additive silica nanoparticles on gastrointestinal cells. <i>Journal of Applied Toxicology</i> , 2014 , 34, 424-35	4.1	60
105	Nanomedicine: Nanotechnology tackles tumours. <i>Nature Nanotechnology</i> , 2007 , 2, 20-1	28.7	59
104	Lanthanide (Gd(3+) and Yb(3+)) functionalized gold nanoparticles for in vivo imaging and therapy. <i>Biomaterials</i> , 2016 , 108, 35-43	15.6	59
103	Self-assembled graphene-dextran nano hybrid for killing drug-resistant cancer cells. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 7181-9	9.5	58
102	Interaction of fullerene with lysozyme investigated by experimental and computational approaches. <i>Nanotechnology</i> , 2008 , 19, 395101	3.4	58
101	Biological effect of food additive titanium dioxide nanoparticles on intestine: an in vitro study. <i>Journal of Applied Toxicology</i> , 2015 , 35, 1169-78	4.1	57
100	Encapsulated enhanced green fluorescence protein in silica nanoparticle for cellular imaging. <i>Nanoscale</i> , 2011 , 3, 1974-6	7.7	57
99	Cytotoxicity of zinc oxide nanoparticles: importance of microenvironment. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 8638-45	1.3	55
98	A facile method to encapsulate proteins in silica nanoparticles: encapsulated green fluorescent protein as a robust fluorescence probe. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 3022-5	16.4	55
97	In situ crystal growth of gold nanocrystals on upconversion nanoparticles for synergistic chemo-photothermal therapy. <i>Nanoscale</i> , 2017 , 9, 12885-12896	7.7	54
96	Blood Clearance, Distribution, Transformation, Excretion, and Toxicity of Near-Infrared Quantum Dots Ag ₂ Se in Mice. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 17859-69	9.5	53
95	Quantification of carbon nanomaterials in vivo. <i>Accounts of Chemical Research</i> , 2013 , 46, 750-60	24.3	52
94	Adsorption and desorption of doxorubicin on oxidized carbon nanotubes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012 , 97, 62-9	6	51

93	Selective interactions of sugar-functionalized single-walled carbon nanotubes with Bacillus spores. <i>ACS Nano</i> , 2009 , 3, 3909-16	16.7	42
92	Blockade of oral tolerance to ovalbumin in mice by silver nanoparticles. <i>Nanomedicine</i> , 2015 , 10, 419-31	5.6	41
91	Influences of the size and hydroxyl number of fullerenes/fullerenols on their interactions with proteins. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 6298-304	1.3	39
90	Rapid translocation and pharmacokinetics of hydroxylated single-walled carbon nanotubes in mice. <i>Nanotoxicology</i> , 2008 , 2, 28-32	5.3	39
89	Inhibition of nicotine-DNA adduct formation in mice by six dietary constituents. <i>Food and Chemical Toxicology</i> , 2003 , 41, 1045-50	4.7	39
88	Competitive adsorption of heavy metal ions on carbon nanotubes and the desorption in simulated biofluids. <i>Journal of Colloid and Interface Science</i> , 2015 , 448, 347-55	9.3	38
87	Enhanced bactericidal toxicity of silver nanoparticles by the antibiotic gentamicin. <i>Environmental Science: Nano</i> , 2016 , 3, 788-798	7.1	38
86	In situ synthesis of porous silica nanoparticles for covalent immobilization of enzymes. <i>Nanoscale</i> , 2012 , 4, 414-6	7.7	38
85	Biodefunctionalization of functionalized single-walled carbon nanotubes in mice. <i>Biomacromolecules</i> , 2009 , 10, 2009-12	6.9	38
84	Toxicological Effects of Caco-2 Cells Following Short-Term and Long-Term Exposure to Ag Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	37
83	Effects of soil acidity on the uptake of trace elements in soybean and tomato plants. <i>Applied Radiation and Isotopes</i> , 2000 , 52, 803-11	1.7	35
82	Low toxicity and accumulation of zinc oxide nanoparticles in mice after 270-day consecutive dietary supplementation. <i>Toxicology Research</i> , 2017 , 6, 134-143	2.6	34
81	Acute toxicity of zinc oxide nanoparticles to the rat olfactory system after intranasal instillation. <i>Journal of Applied Toxicology</i> , 2013 , 33, 1079-88	4.1	34
80	Interaction of titanium dioxide nanoparticles with glucose on young rats after oral administration. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015 , 11, 1633-42	6	33
79	Toxicity evaluation and translocation of carboxyl functionalized graphene in <i>Caenorhabditis elegans</i> . <i>Toxicology Research</i> , 2015 , 4, 1498-1510	2.6	33
78	Biocompatibility of graphene oxide intravenously administered in mice—effects of dose, size and exposure protocols. <i>Toxicology Research</i> , 2015 , 4, 83-91	2.6	33
77	Diameter-selective dispersion of double-walled carbon nanotubes by lysozyme. <i>Nanoscale</i> , 2011 , 3, 970-3	3.7	31
76	Multi-walled carbon nanotubes do not impair immune functions of dendritic cells. <i>Carbon</i> , 2009 , 47, 1752-1760	1.7	31

75	Graphene Oxide/Chitosan Composite for Methylene Blue Adsorption. <i>Nanoscience and Nanotechnology Letters</i> , 2013 , 5, 372-376	0.8	31
74	Fe ₃ O ₄ @C nanoparticles as high-performance Fenton-like catalyst for dye decoloration. <i>Science Bulletin</i> , 2014 , 59, 3406-3412		30
73	CYTOTOXICITY EVALUATIONS OF FLUORESCENT CARBON NANOPARTICLES. <i>Nano LIFE</i> , 2010 , 01, 153-161		30
72	Carbon nanoparticles trapped in vivo-similar to carbon nanotubes in time-dependent biodistribution. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 14672-8	9.5	27
71	Toxicity of nano gamma alumina to neural stem cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 7848-56	1.3	25
70	Unexpected Size Effect: The Interplay between Different-Sized Nanoparticles in Their Cellular Uptake. <i>Small</i> , 2019 , 15, e1901687	11	24
69	Inhibition of nitrobenzene-induced DNA and hemoglobin adductions by dietary constituents. <i>Applied Radiation and Isotopes</i> , 2003 , 58, 291-8	1.7	24
68	XPS Study of C-I Covalent Bond on Single-walled Carbon Nanotubes (SWNTs)?. <i>Wuli Huaxue Xuebao/Acta Physico - Chimica Sinica</i> , 2004 , 20, 673-675	3.8	24
67	The Bioavailability, Biodistribution, and Toxic Effects of Silica-Coated Upconversion Nanoparticles. <i>Frontiers in Chemistry</i> , 2019 , 7, 218	5	23
66	Removal of carbon nanotubes from aqueous environment with filter paper. <i>Chemosphere</i> , 2011 , 82, 621-6	5.4	23
65	Advances in biodistribution study and tracing methodology of carbon nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 8469-81	1.3	23
64	PEGylation of double-walled carbon nanotubes for increasing their solubility in water. <i>Nano Research</i> , 2010 , 3, 103-109	10	23
63	Ag nanoparticles inhibit the growth of the bryophyte, <i>Physcomitrella patens</i> . <i>Ecotoxicology and Environmental Safety</i> , 2018 , 164, 739-748	7	20
62	Biological behaviors and chemical fates of AgSe quantum dots : the effect of surface chemistry. <i>Toxicology Research</i> , 2017 , 6, 693-704	2.6	20
61	Electric potential induced dissociation of hybridized DNA with hairpin motif immobilized on silicon surface. <i>Langmuir</i> , 2006 , 22, 6280-5	4	20
60	Binding of nitrobenzene to hepatic DNA and hemoglobin at low doses in mice. <i>Toxicology Letters</i> , 2003 , 139, 25-32	4.4	20
59	Short-term and long-term toxicological effects of vanadium dioxide nanoparticles on A549 cells. <i>Environmental Science: Nano</i> , 2019 , 6, 565-579	7.1	18
58	Intestinal injury alters tissue distribution and toxicity of ZnO nanoparticles in mice. <i>Toxicology Letters</i> , 2018 , 295, 74-85	4.4	18

57	Adduction of DNA with MTBE and TBA in mice studied by accelerator mass spectrometry. <i>Environmental Toxicology</i> , 2007 , 22, 630-5	4.2	18
56	Comparative investigation of the optical spectroscopic and thermal effect in Nd-doped nanoparticles. <i>Nanoscale</i> , 2019 , 11, 10220-10228	7.7	16
55	Bioavailability and preliminary toxicity evaluations of alumina nanoparticles in vivo after oral exposure. <i>Toxicology Research</i> , 2012 , 1, 69-74	2.6	16
54	An individually coated near-infrared fluorescent protein as a safe and robust nanoprobe for in vivo imaging. <i>Nanoscale</i> , 2013 , 5, 10345-52	7.7	14
53	Cytotoxicity of vanadium oxide nanoparticles and titanium dioxide-coated vanadium oxide nanoparticles to human lung cells. <i>Journal of Applied Toxicology</i> , 2020 , 40, 567-577	4.1	14
52	Bulk enrichment and separation of multi-walled carbon nanotubes by density gradient centrifugation. <i>Carbon</i> , 2009 , 47, 1608-1610	10.4	13
51	Single-Cell Isotope Dilution Analysis with LA-ICP-MS: A New Approach for Quantification of Nanoparticles in Single Cells. <i>Analytical Chemistry</i> , 2020 , 92, 14339-14345	7.8	13
50	Six-photon upconverted excitation energy lock-in for ultraviolet-C enhancement. <i>Nature Communications</i> , 2021 , 12, 4367	17.4	13
49	Artificial antibody created by conformational reconstruction of the complementary-determining region on gold nanoparticles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E34-E43	11.5	12
48	Biological effects of agglomerated multi-walled carbon nanotubes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 142, 65-73	6	12
47	Water-soluble taurine-functionalized multi-walled carbon nanotubes induce less damage to mitochondria of RAW 264.7 cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 8008-16	1.3	12
46	Interaction of multi-walled carbon nanotubes and zinc ions enhances cytotoxicity of zinc ions. <i>Science China Chemistry</i> , 2016 , 59, 910-917	7.9	11
45	Inhibition of α -chymotrypsin by pristine single-wall carbon nanotubes: Clogging up the active site. <i>Journal of Colloid and Interface Science</i> , 2020 , 571, 174-184	9.3	10
44	Comparing Toxicity of Alumina and Zinc Oxide Nanoparticles on the Human Intestinal Epithelium In Vitro Model. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 2881-2891	1.3	9
43	Toxicity assessment and mechanistic investigation of engineered monoclinic VO nanoparticles. <i>Nanoscale</i> , 2018 , 10, 9736-9746	7.7	9
42	Multitracer studies on the effects of model acid rain on the adsorption of trace elements on soils. <i>Radiochimica Acta</i> , 2001 , 89, 101-108	1.9	9
41	Effects of carbon dots surface functionalities on cellular behaviors - Mechanistic exploration for opportunities in manipulating uptake and translocation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 181, 48-57	6	8
40	Biodistribution of multi-walled carbon nanotubes functionalized by hydroxyl terminated poly(ethylene glycol) in mice. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013 , 295, 1181-1186	1.5	8

39	Systematic Toxicity Evaluations of High-Performance Carbon "Quantum" Dots. <i>Journal of Nanoscience and Nanotechnology</i> , 2019 , 19, 2130-2137	1.3	8
38	Genotoxicity and Carcinogenic Potential of Carbon Nanomaterials 2016 , 267-332		6
37	Thermosensitive, biocompatible and antifouling nanogels prepared via aqueous raft dispersion polymerization for targeted drug delivery. <i>Journal of Controlled Release</i> , 2011 , 152 Suppl 1, e75-6	11.7	6
36	Carbon Nanoparticles for Cationic Dye (Methylene Blue) Removal from Aqueous Solution. <i>Nanoscience and Nanotechnology Letters</i> , 2012 , 4, 839-842	0.8	6
35	Characteristic synergistic cytotoxic effects toward cells in graphene oxide dressing with cadmium and copper ions. <i>Toxicology Research</i> , 2019 , 8, 908-917	2.6	6
34	Chitosan-coated red fluorescent protein nanoparticle as a potential dual-functional siRNA carrier. <i>Nanomedicine</i> , 2015 , 10, 2005-16	5.6	5
33	Model study of acid rain effect on adsorption of trace elements on soils using a multitracer. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1998 , 235, 295-300	1.5	5
32	High binding of formic acid to biomacromolecules in mice. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2004 , 223-224, 745-749	1.2	5
31	Deciphering Nanoparticle Trafficking into Glioblastomas Uncovers an Augmented Antitumor Effect of Metronomic Chemotherapy. <i>Advanced Materials</i> , 2021 , e2106194	24	5
30	Characterization of the Specific Interactions between Nanoparticles and Proteins at Residue-Resolution by Alanine Scanning Mutagenesis. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 34514-34523	9.5	5
29	A Facile Microwaving Method to Turn Titanium Oxide Into Highly Active Ti ³⁺ Self-Doped Structure. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 9826-9831	1.3	4
28	Fate of CdSe/ZnS quantum dots in cells: Endocytosis, translocation and exocytosis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 208, 112140	6	4
27	Applications of ¹⁴ C-AMS in biomedical sciences (Bio- ¹⁴ C-AMS). <i>Science Bulletin</i> , 2001 , 46, 537-543		3
26	Spectroscopic studies on interaction of hemoglobin and serum albumin with nicotine. <i>Science Bulletin</i> , 2002 , 47, 538		3
25	In vivo fate of Ag ₂ Te quantum dot and comparison with other NIR-II silver chalcogenide quantum dots. <i>Journal of Nanoparticle Research</i> , 2020 , 22, 1	2.3	3
24	Carbon Dots: Synthesis, Bioimaging, and Biosafety Assessment 2016 , 429-486		3
23	Nanostructures based on vanadium disulfide growing on UCNPs: simple synthesis, dual-mode imaging, and photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 5883-5891	7.3	2
22	Biomedical Applications of Carbon Nanomaterials 2016 , 131-162		2

21	Incorporation and/or adduction of formic acid with DNA in vivo studied by HPLC-AMS. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010 , 268, 1317-1320	1.2	2
20	A convenient synthesis of ¹⁴ C-labelled resveratrol. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2004 , 47, 167-174	1.9	2
19	Pressure-Controlled Encapsulation of Graphene Quantum Dots into Liposomes by the Reverse-Phase Evaporation Method. <i>Langmuir</i> , 2021 , 37, 14096-14104	4	2
18	Photoluminescent Carbon Nanomaterials: Properties and Potential Applications 2009 , 128-153		2
17	Edible Amorphous Structural Color. <i>Advanced Optical Materials</i> , 2022 , 10, 2102125	8.1	2
16	Genotoxic effects of low-dose exposure to pirimicarb studied with accelerator mass spectrometry. <i>Science Bulletin</i> , 1997 , 42, 1662-1664		1
15	A potential inhibitor of MDM2 by restoring the native conformation of the p53 helical peptide on gold nanoparticles.. <i>ChemMedChem</i> , 2022 ,	3.7	1
14	A CORM loaded nanoplatfom for single NIR light-activated bioimaging, gas therapy, and photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 9213-9220	7.3	1
13	Interaction of Carbon Nanomaterials and Components in Biological Systems 2016 , 97-130		1
12	Silica nanoparticle with a single His-tag for addressable functionalization, reversible assembly, and recycling. <i>Nano Research</i> , 2018 , 11, 2512-2522	10	1
11	Cytotoxicity and genotoxicity of low-dose vanadium dioxide nanoparticles to lung cells following long-term exposure. <i>Toxicology</i> , 2021 , 459, 152859	4.4	1
10	Accelerator mass spectrometry (AMS) of the inhibitory effect of six dietary constituents on nicotine-hemoglobin adduction in mice. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2005 , 264, 665-669	1.5	0
9	Biodistribution and Pharmacokinetics of Carbon Nanomaterials In Vivo 2016 , 55-96		0
8	Effects of VO nanoparticles on human liver HepG2 cells: Cytotoxicity, genotoxicity, and glucose and lipid metabolism disorders.. <i>NanoImpact</i> , 2021 , 24, 100351	5.6	0
7	Functionalized Carbon Nanotubes for Bioapplications 197-233		0
6	Conformationally engineering flexible peptides on silver nanoparticles. <i>IScience</i> , 2022 , 104324	6.1	0
5	Identification and Detection of Carbon Nanomaterials in Biological Systems 2016 , 29-54		
4	Radioisotopic tracing of lanthanide uptake in erythrocyte, using ytterbium (¹⁶⁹ Yb ³⁺) and mouse erythrocytes. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2004 , 261, 145-149	1.5	

- 3 Immunological Responses Induced by Carbon Nanotubes Exposed to Skin and Gastric and Intestinal System **2016**, 357-396
- 2 Modulation of the Immune System by Fullerene and Graphene Derivatives **2016**, 213-238
- 1 Neuro-, Hepato-, and Nephrotoxicity of Carbon-based Nanomaterials **2016**, 239-266