

Sheng-Tao Yang

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132
papers

9,962
citations

41
h-index

99
g-index

135
ext. papers

10,793
ext. citations

6
avg, IF

5.92
L-index

#	Paper	IF	Citations
132	Carbon dots for optical imaging in vivo. <i>Journal of the American Chemical Society</i> , 2009 , 131, 11308-9	16.4	1199
131	In vitro toxicity evaluation of graphene oxide on A549 cells. <i>Toxicology Letters</i> , 2011 , 200, 201-10	4.4	1026
130	Carbon Dots as Nontoxic and High-Performance Fluorescence Imaging Agents. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 18110-18114	3.8	710
129	Carbon "quantum" dots for optical bioimaging. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 2116-2127	7.3	619
128	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
127	Bandgap-like strong fluorescence in functionalized carbon nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 5310-4	16.4	482
126	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
125	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
124	Carbon-based quantum dots for fluorescence imaging of cells and tissues. <i>RSC Advances</i> , 2014 , 4, 10791	3.7	253
123	Translocation and fate of multi-walled carbon nanotubes in vivo. <i>Carbon</i> , 2007 , 45, 1419-1424	10.4	229
122	Biodistribution of Pristine Single-Walled Carbon Nanotubes In Vivo. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 17761-17764	3.8	200
121	Biosafety and bioapplication of nanomaterials by designing protein-nanoparticle interactions. <i>Small</i> , 2013 , 9, 1635-53	11	181
120	Effect of size and dose on the biodistribution of graphene oxide in mice. <i>Nanomedicine</i> , 2012 , 7, 1801-12	5.6	153
119	Adsorption behavior of copper ions on graphene oxide-chitosan aerogel. <i>Journal of Environmental Chemical Engineering</i> , 2013 , 1, 1044-1050	6.8	150
118	Competitive performance of carbon "quantum" dots in optical bioimaging. <i>Theranostics</i> , 2012 , 2, 295-301	12.1	143
117	Covalently PEGylated carbon nanotubes with stealth character in vivo. <i>Small</i> , 2008 , 4, 940-4	11	137
116	Bandgap-Like Strong Fluorescence in Functionalized Carbon Nanoparticles. <i>Angewandte Chemie</i> , 2010 , 122, 5438-5442	3.6	123

115	Pharmacokinetics, metabolism and toxicity of carbon nanotubes for biomedical purposes. <i>Theranostics</i> , 2012 , 2, 271-82	12.1	121
114	Pulmonary toxicity and translocation of nanodiamonds in mice. <i>Diamond and Related Materials</i> , 2010 , 19, 291-299	3.5	116
113	Functionalized carbon nanoparticles: Syntheses and applications in optical bioimaging and energy conversion. <i>Coordination Chemistry Reviews</i> , 2016 , 320-321, 66-81	23.2	100
112	Adsorption behaviors of tetracycline on magnetic graphene oxide sponge. <i>Materials Chemistry and Physics</i> , 2017 , 198, 283-290	4.4	98
111	Facile hydrothermal preparation of recyclable S-doped graphene sponge for Cu ²⁺ adsorption. <i>Journal of Hazardous Materials</i> , 2015 , 286, 449-56	12.8	87
110	Magnetic graphene sponge for the removal of methylene blue. <i>Applied Surface Science</i> , 2015 , 351, 765-771	7.7	73
109	Bioaccumulation and Toxicity of C-Skeleton Labeled Graphene Oxide in Wheat. <i>Environmental Science & Technology</i> , 2017 , 51, 10146-10153	10.3	71
108	Fullerene-conjugated doxorubicin in cells. <i>ACS Applied Materials & Interfaces</i> , 2010 , 2, 1384-9	9.5	71
107	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
106	One-pot hydrothermal preparation of graphene sponge for the removal of oils and organic solvents. <i>Applied Surface Science</i> , 2016 , 362, 56-62	6.7	65
105	A generally adoptable radiotracing method for tracking carbon nanotubes in animals. <i>Nanotechnology</i> , 2008 , 19, 075101	3.4	63
104	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
103	Fe ₃ O ₄ @SiO ₂ nanoparticles as a high-performance Fenton-like catalyst in a neutral environment. <i>RSC Advances</i> , 2015 , 5, 5458-5463	3.7	59
102	Interaction of fullerene with lysozyme investigated by experimental and computational approaches. <i>Nanotechnology</i> , 2008 , 19, 395101	3.4	58
101	Toxicity of graphene oxide to white rot fungus <i>Phanerochaete chrysosporium</i> . <i>Chemosphere</i> , 2016 , 151, 324-31	8.4	57
100	Cytotoxicity of zinc oxide nanoparticles: importance of microenvironment. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 8638-45	1.3	55
99	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
98	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

97	Preparation of graphene adsorbents and their applications in water purification. <i>Reviews in Inorganic Chemistry</i> , 2013 , 33, 139-160	2.4	52
96	Quantification of carbon nanomaterials in vivo. <i>Accounts of Chemical Research</i> , 2013 , 46, 750-60	24.3	52
95	Adsorption and desorption of doxorubicin on oxidized carbon nanotubes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012 , 97, 62-9	6	51
94	Macrocyclization of Interferon-Poly(Amino acid) Conjugates Significantly Improves the Tumor Retention, Penetration, and Antitumor Efficacy. <i>Journal of the American Chemical Society</i> , 2018 , 140, 1170-1178	16.4	46
93	Aqueous Compatible Fullerene-Doxorubicin Conjugates. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 1776-88	3.8	43
92	Selective interactions of sugar-functionalized single-walled carbon nanotubes with Bacillus spores. <i>ACS Nano</i> , 2009 , 3, 3909-16	16.7	42
91	Porous graphene oxide-chitosan aerogel for tetracycline removal. <i>Materials Research Express</i> , 2014 , 1, 015601	1.7	41
90	Influence of graphene oxide and reduced graphene oxide on the activity and conformation of lysozyme. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 154, 96-103	6	39
89	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
88	Rapid translocation and pharmacokinetics of hydroxylated single-walled carbon nanotubes in mice. <i>Nanotoxicology</i> , 2008 , 2, 28-32	5.3	39
87	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
86	Biodefunctionalization of functionalized single-walled carbon nanotubes in mice. <i>Biomacromolecules</i> , 2009 , 10, 2009-12	6.9	38
85	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
84	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
83	Chemical reduction of graphene enhances in vivo translocation and photosynthetic inhibition in pea plants. <i>Environmental Science: Nano</i> , 2019 , 6, 1077-1088	7.1	33
82	Diameter-selective dispersion of double-walled carbon nanotubes by lysozyme. <i>Nanoscale</i> , 2011 , 3, 970-3	3.7	31
81	Graphene Oxide/Chitosan Composite for Methylene Blue Adsorption. <i>Nanoscience and Nanotechnology Letters</i> , 2013 , 5, 372-376	0.8	31
80	Fe ₃ O ₄ @C nanoparticles as high-performance Fenton-like catalyst for dye decoloration. <i>Science Bulletin</i> , 2014 , 59, 3406-3412		30

79	CYTOTOXICITY EVALUATIONS OF FLUORESCENT CARBON NANOPARTICLES. <i>Nano LIFE</i> , 2010 , 01, 153-161	30
78	Bioaccumulation of ¹³ C-fullerenol nanomaterials in wheat. <i>Environmental Science: Nano</i> , 2016 , 3, 799-805	29
77	TiO ₂ /graphene sponge for the removal of tetracycline. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 1	2.3 29
76	Decoloration of methylene blue by heterogeneous Fenton-like oxidation on Fe ₃ O ₄ /SiO ₂ /C nanospheres in neutral environment. <i>Materials Chemistry and Physics</i> , 2018 , 213, 231-238	4.4 27
75	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
74	Bioaccumulation and Toxicity of Carbon Nanoparticles Suspension Injection in Intravenously Exposed Mice. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3 27
73	Molecular toxicity of nanomaterials. <i>Journal of Biomedical Nanotechnology</i> , 2014 , 10, 2828-51	4 27
72	Carboxylated graphene oxide-chitosan spheres immobilize Cu in soil and reduce its bioaccumulation in wheat plants. <i>Environment International</i> , 2019 , 133, 105208	12.9 26
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	Stepwise pH-sensitive and biodegradable polypeptide hybrid micelles for enhanced cellular internalization and efficient nuclear drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 181, 315-324	6 24
69	Fe ₃ O ₄ /SiO ₂ /C nanocomposite as a high-performance Fenton-like catalyst in a neutral environment. <i>RSC Advances</i> , 2016 , 6, 8594-8600	3.7 24
68	Preparation and Application of Carboxylated Graphene Oxide Sponge in Dye Removal. <i>International Journal of Environmental Research and Public Health</i> , 2017 , 14,	4.6 24
67	Fungal transformation of graphene by white rot fungus <i>Phanerochaete chrysosporium</i> . <i>Chemosphere</i> , 2019 , 216, 9-18	8.4 24
66	Adsorptive decontamination of Cu ²⁺ -contaminated water and soil by carboxylated graphene oxide/chitosan/cellulose composite beads. <i>Environmental Research</i> , 2019 , 179, 108779	7.9 23
65	Toxicity of graphene oxide to naked oats (L.) in hydroponic and soil cultures.. <i>RSC Advances</i> , 2018 , 8, 15336-15343	3.7 23
64	Quantification of carbon nanomaterials in vivo: direct stable isotope labeling on the skeleton of fullerene C ₆₀ . <i>Environmental Science: Nano</i> , 2014 , 1, 64-70	7.1 23
63	Removal of carbon nanotubes from aqueous environment with filter paper. <i>Chemosphere</i> , 2011 , 82, 621-4	4 23
62	Advances in biodistribution study and tracing methodology of carbon nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , 2010 , 10, 8469-81	1.3 23

61	Preparation of Fe ₃ O ₄ /TiO ₂ /C Nanocomposites and Their Application in Fenton-Like Catalysis for Dye Decoloration. <i>Catalysts</i> , 2016 , 6, 146	4	23
60	Fe ₃ O ₄ /TiO ₂ /reduced graphene oxide composites as highly efficient Fenton-like catalyst for the decoloration of methylene blue. <i>Materials Chemistry and Physics</i> , 2019 , 223, 751-757	4-4	21
59	Carboxylation as an effective approach to improve the adsorption performance of graphene materials for Cu removal. <i>Science of the Total Environment</i> , 2019 , 682, 591-600	10.2	20
58	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
57	Influence of reduced graphene oxide on the growth, structure and decomposition activity of white-rot fungus .. <i>RSC Advances</i> , 2018 , 8, 5026-5033	3-7	19
56	TiO ₂ -doped Fe ₃ O ₄ nanoparticles as high-performance Fenton-like catalyst for dye decoloration. <i>Science China Technological Sciences</i> , 2015 , 58, 858-863	3-5	18
55	Surface modification-mediated biodistribution of C ₆₀ -fullerene C ₆₀ in vivo. <i>Particle and Fibre Toxicology</i> , 2016 , 13, 14	8.4	17
54	Skeleton labeled C-carbon nanoparticles for the imaging and quantification in tumor drainage lymph nodes. <i>International Journal of Nanomedicine</i> , 2017 , 12, 4891-4899	7-3	16
53	Bioavailability and preliminary toxicity evaluations of alumina nanoparticles in vivo after oral exposure. <i>Toxicology Research</i> , 2012 , 1, 69-74	2.6	16
52	Toxicity of Pristine and Chemically Functionalized Fullerenes to White Rot Fungus Phanerochaete chrysosporium. <i>Nanomaterials</i> , 2018 , 8,	5-4	15
51	Core@shell Fe ₃ O ₄ @Mn ²⁺ -doped NaYF ₄ :Yb/Tm nanoparticles for triple-modality T1/T2-weighted MRI and NIR-to-NIR upconversion luminescence imaging agents. <i>RSC Advances</i> , 2017 , 7, 37929-37937	3-7	15
50	Fabrication of TiO ₂ -Graphene Oxide Aerogel for the Adsorption of Copper Ions. <i>Nanoscience and Nanotechnology Letters</i> , 2014 , 6, 1018-1023	0.8	15
49	Advances in the applications of graphene adsorbents: from water treatment to soil remediation. <i>Reviews in Inorganic Chemistry</i> , 2019 , 39, 47-76	2.4	14
48	Toxicity of carbon nanotubes to white rot fungus Phanerochaete chrysosporium. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 162, 225-234	7	14
47	Interaction between graphene oxide and nitrogen-fixing bacterium Azotobacter chroococcum: Transformation, toxicity and nitrogen fixation. <i>Carbon</i> , 2020 , 160, 5-13	10.4	13
46	Harnessing Phosphato-Platinum Bonding Induced Supramolecular Assembly for Systemic Cisplatin Delivery. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 17757-17768	9-5	12
45	Toxicity of graphene oxide to white moss Leucobryum glaucum. <i>RSC Advances</i> , 2017 , 7, 50287-50293	3-7	12
44	The isotopic effects of ¹³ C-labeled large carbon cage (C ₇₀) fullerenes and their formation process. <i>RSC Advances</i> , 2015 , 5, 76949-76956	3-7	11

43	High-Performance Red/Near-IR Carbon Dots as Fluorescence Probes for Tumor Imaging In Vivo. <i>ChemistrySelect</i> , 2018 , 3, 6374-6381	1.8	11
42	Facile hydrothermal preparation of S-doped Fe ₃ O ₄ @C nanoparticles for Cu ²⁺ removal. <i>Materials Letters</i> , 2014 , 135, 154-157	3.3	11
41	Fast Identification and Quantification of Graphene Oxide in Aqueous Environment by Raman Spectroscopy. <i>Nanomaterials</i> , 2020 , 10,	5.4	10
40	Role of Mn Doping in the Preparation of Core-Shell Structured Fe ₃ O ₄ @upconversion Nanoparticles and Their Applications in T ₁ WEighted Magnetic Resonance Imaging, Upconversion Luminescent Imaging and Near-Infrared Activated Photodynamic Therapy. <i>Nanomaterials</i> , 2018 , 8,	5.4	10
39	Cytotoxicity and TNF-alpha secretion in RAW264.7 macrophages exposed to different fullerene derivatives. <i>Journal of Nanoscience and Nanotechnology</i> , 2012 , 12, 2169-78	1.3	10
38	Stepwise dual pH and redox-responsive cross-linked polypeptide nanoparticles for enhanced cellular uptake and effective cancer therapy. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 7129-7140	7.3	10
37	Toxicity and photosynthetic inhibition of metal-organic framework MOF-199 to pea seedlings. <i>Journal of Hazardous Materials</i> , 2021 , 409, 124521	12.8	10
36	Carbon nanoparticles suspension injection for the delivery of doxorubicin: Comparable efficacy and reduced toxicity. <i>Materials Science and Engineering C</i> , 2018 , 92, 416-423	8.3	9
35	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
34	Quantification of sp ² carbon nanomaterials in biological systems: pharmacokinetics, biodistribution and ecological uptake. <i>Reviews in Inorganic Chemistry</i> , 2015 , 35, 225-247	2.4	8
33	Adsorption behaviour of methylene blue on carbon nanoparticles. <i>Micro and Nano Letters</i> , 2012 , 7, 1060-1063	10.63	8
32	Toxicity of nanodiamonds to white rot fungi Phanerochaete chrysosporium through oxidative stress. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 187, 110658	6	8
31	One-pot modification of Fe ₃ O ₄ to prepare Fe ₃ O ₄ /SiO ₂ /C nanoparticles and their catalytic activity in Fenton-like process for dye decolouration. <i>Micro and Nano Letters</i> , 2016 , 11, 675-679	0.9	8
30	Effect of reduction degree on the adsorption properties of graphene sponge for dyes. <i>Materials Research Express</i> , 2017 , 4, 045008	1.7	7
29	Preparation and spectra of ¹³ C-enriched fullerene. <i>Chinese Science Bulletin</i> , 2014 , 59, 905-912	2.9	7
28	Carbon nanoparticles suspension injection for photothermal therapy of xenografted human thyroid carcinoma. <i>MedComm</i> , 2020 , 1, 202-210	2.2	7
27	Biotransformation of Pristine and Oxidized Carbon Nanotubes by the White Rot Fungus. <i>Nanomaterials</i> , 2019 , 9,	5.4	6
26	Carbon Nanoparticles for Cationic Dye (Methylene Blue) Removal from Aqueous Solution. <i>Nanoscience and Nanotechnology Letters</i> , 2012 , 4, 839-842	0.8	6

25	Surface modification mediates the interaction between fullerene and lysozyme: protein structure and antibacterial activity. <i>Environmental Science: Nano</i> , 2021 , 8, 76-85	7.1	6
24	Template-directed self-assembly of a designed amphiphilic hexapeptide on mica surface. <i>Colloid and Polymer Science</i> , 2013 , 291, 2263-2270	2.4	5
23	Carbon Nanoparticles as Recyclable Adsorbent for the Removal of Copper Ions. <i>Nanoscience and Nanotechnology Letters</i> , 2014 , 6, 87-93	0.8	5
22	Research performance and trends of fluorescent carbon nanoparticles: a science citation index expanded-based analysis. <i>Journal of Nanoparticle Research</i> , 2019 , 21, 1	2.3	4
21	Carbon Nanoparticles-Fe(II) Complex for Efficient Tumor Inhibition with Low Toxicity by Amplifying Oxidative Stress. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 29094-29102	9.5	4
20	Proteins: Biosafety and Bioapplication of Nanomaterials by Designing Protein-Nanoparticle Interactions (Small 910/2013). <i>Small</i> , 2013 , 9, 1414-1414	11	4
19	Toxicity and environmental impact of multi-walled carbon nanotubes to nitrogen-fixing bacterium <i>Azotobacter chroococcum</i> . <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105291	6.8	4
18	Graphene/polyester staple composite for the removal of oils and organic solvents. <i>Materials Research Express</i> , 2016 , 3, 065601	1.7	3
17	Carbon coated titanium electrode for the electrolytic decoloration of methylene blue. <i>Journal of Water Process Engineering</i> , 2016 , 13, 183-188	6.7	3
16	Size and shape controllable preparation of graphene sponge by freezing, lyophilizing and reducing in container. <i>Science China Technological Sciences</i> , 2016 , 59, 709-713	3.5	3
15	A smart cluster paradigm based Mo-containing polyoxometalate as a new therapeutic strategy for tumor-specific photothermal therapy. <i>Science Bulletin</i> , 2018 , 63, 877-878	10.6	3
14	Fe ₃ O ₄ /SiO ₂ /C nanocomposites for the fenton-like disinfection of <i>Escherichia coli</i> in water. <i>Materials Research Express</i> , 2019 , 6, 055032	1.7	2
13	A Facile Method To Encapsulate Proteins in Silica Nanoparticles: Encapsulated Green Fluorescent Protein as a Robust Fluorescence Probe. <i>Angewandte Chemie</i> , 2010 , 122, 3086-3089	3.6	2
12	Toxicity and activity inhibition of metal-organic framework MOF-199 to nitrogen-fixing bacterium <i>Azotobacter vinelandii</i> . <i>Science of the Total Environment</i> , 2021 , 151912	10.2	2
11	Magnetic Fe ₃ O ₄ /TiO ₂ /graphene sponge for the adsorption of methylene blue in aqueous solution. <i>Diamond and Related Materials</i> , 2022 , 123, 108811	3.5	1
10	Carbonization reduces the toxicity of metal-organic framework MOF-199 to white-rot fungus <i>Phanerochaete chrysosporium</i> . <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106705	6.8	1
9	Low toxicity of fluorescent carbon quantum dots to white rot fungus <i>Phanerochaete chrysosporium</i> . <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 104633	6.8	1
8	Fluorescent AgInS/ZnS Quantum Dots for Tumor Drainage Lymph Node Imaging In Vivo. <i>ACS Applied Nano Materials</i> , 2021 , 4, 1029-1037	5.6	1

7	Low toxicity of metal-organic framework MOF-199 to bacteria <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> . <i>Journal of Hazardous Materials Advances</i> , 2021 , 1, 100002		1
6	Preparation of graphene sponge by vapor phase reduction for oil and organic solvent removal. <i>Materials Research Express</i> , 2016 , 3, 105602	1.7	o
5	Biodistribution and Pharmacokinetics of Carbon Nanomaterials In Vivo 2016 , 55-96		o
4	Biocompatible zinc gallogermanate persistent luminescent nanoparticles for fast tumor drainage lymph node imaging in vivo. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 205, 111887	6	o
3	Reversible environmental impacts of iron-based metal-organic framework MIL-53(Fe) on nitrogen-fixing bacterium <i>Azotobacter vinelandii</i> . <i>Journal of Environmental Chemical Engineering</i> , 2022 , 10, 107794	6.8	o
2	Stimulating effects of reduced graphene oxide on the growth and nitrogen fixation activity of nitrogen-fixing bacterium <i>Azotobacter chroococcum</i> .. <i>Chemosphere</i> , 2022 , 133702	8.4	
1	Fe-Based Single-Atom Nanozyme with Superior Peroxidase-Mimicking Activity for Enhanced Ultrasensitive Biosensing. <i>Journal of Nanoscience and Nanotechnology</i> , 2021 , 21, 6126-6134	1.3	