

# Gan Tian

## List of Publications by Year in descending order

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46  
papers

6,683  
citations

156536

32  
h-index

252626

46  
g-index

48  
all docs

48  
docs citations

48  
times ranked

10041  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-VEGFR2-labeled enzyme-immobilized metal-organic frameworks for tumor vasculature targeted catalytic therapy. <i>Acta Biomaterialia</i> , 2022, 141, 364-373.	4.1	10
2	Tumor-Tropic Adipose-Derived Mesenchymal Stromal Cell Mediated Bi <sub>2</sub> Se <sub>3</sub> Nanoradiosensitizers Delivery for Targeted Radiotherapy of Non-Small Cell Lung Cancer. <i>Advanced Healthcare Materials</i> , 2022, 11, e2200143.	3.9	18
3	Metal-ligand coordination nanomaterials for radiotherapy: emerging synergistic cancer therapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 208-227.	2.9	26
4	Antisense oligonucleotides-Laden UiO-66@Au nanohybrid for enhanced radiotherapy against hypoxic tumor by dual-inhibition of carbonic anhydrase IX. <i>Applied Materials Today</i> , 2021, 25, 101201.	2.3	6
5	Reeducating Tumor-Associated Macrophages Using CpG@Au Nanocomposites to Modulate Immunosuppressive Microenvironment for Improved Radio-Immunotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 53504-53518.	4.0	21
6	Metal-organic frameworks-based nanozymes for combined cancer therapy. <i>Nano Today</i> , 2020, 35, 100920.	6.2	96
7	Controlled Release of Carbon Monoxide Based on Nanomaterials and Their Biomedical Applications. <i>Acta Chimica Sinica</i> , 2019, 77, 406.	0.5	2
8	Nanoscaled Metal-Organic Frameworks for Biosensing, Imaging, and Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800022.	3.9	136
9	Therapeutic Nanoparticles Based on Curcumin and Bamboo Charcoal Nanoparticles for Chemo-Photothermal Synergistic Treatment of Cancer and Radioprotection of Normal Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 14281-14291.	4.0	72
10	Near infrared light triggered nitric oxide releasing platform based on upconversion nanoparticles for synergistic therapy of cancer stem-like cells. <i>Science Bulletin</i> , 2017, 62, 985-996.	4.3	45
11	Recent Advances in Upconversion Nanoparticles-Based Multifunctional Nanocomposites for Combined Cancer Therapy. <i>Advanced Materials</i> , 2015, 27, 7692-7712.	11.1	243
12	Phytotoxicity, Translocation, and Biotransformation of NaYF <sub>4</sub> Upconversion Nanoparticles in a Soybean Plant. <i>Small</i> , 2015, 11, 4774-4784.	5.2	49
13	Smart MoS <sub>2</sub> /Fe <sub>3</sub> O <sub>4</sub> Nanotheranostic for Magnetically Targeted Photothermal Therapy Guided by Magnetic Resonance/Photoacoustic Imaging. <i>Theranostics</i> , 2015, 5, 931-945.	4.6	234
14	Bismuth Sulfide Nanorods as a Precision Nanomedicine for <i>in Vivo</i> Multimodal Imaging-Guided Photothermal Therapy of Tumor. <i>ACS Nano</i> , 2015, 9, 696-707.	7.3	503
15	Silica-coated bismuth sulfide nanorods as multimodal contrast agents for a non-invasive visualization of the gastrointestinal tract. <i>Nanoscale</i> , 2015, 7, 12581-12591.	2.8	60
16	Enhanced Multifunctional Properties of Graphene Nanocomposites with Nacre-Like Structures. <i>Advanced Engineering Materials</i> , 2015, 17, 523-531.	1.6	15
17	Controllable Generation of Nitric Oxide by Near-Infrared-Sensitized Upconversion Nanoparticles for Tumor Therapy. <i>Advanced Functional Materials</i> , 2015, 25, 3049-3056.	7.8	194
18	TPGS-stabilized NaYbF <sub>4</sub> :Er upconversion nanoparticles for dual-modal fluorescent/CT imaging and anticancer drug delivery to overcome multi-drug resistance. <i>Biomaterials</i> , 2015, 40, 107-116.	5.7	172

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19	Multifunctional $\text{Rb}^{+}/\text{WO}_3$ Nanorods for Simultaneous Combined Chemo-photothermal Therapy and Photoacoustic/CT Imaging. <i>Small</i> , 2014, 10, 4160-4170.	5.2	86
20	Luminescent Nanoparticles: Elimination of Photon Quenching by a Transition Layer to Fabricate a Quenching-Shield Sandwich Structure for 800 nm Excited Upconversion Luminescence of $\text{Nd}^{3+}$ -Sensitized Nanoparticles ( <i>Adv. Mater.</i> 18/2014). <i>Advanced Materials</i> , 2014, 26, 2766-2766.	11.1	2
21	Engineered design of theranostic upconversion nanoparticles for tri-modal upconversion luminescence/magnetic resonance/X-ray computed tomography imaging and targeted delivery of combined anticancer drugs. <i>Journal of Materials Chemistry B</i> , 2014, 2, 1379.	2.9	75
22	A magnetic graphene hybrid functionalized with beta-cyclodextrins for fast and efficient removal of organic dyes. <i>Journal of Materials Chemistry A</i> , 2014, 2, 12296.	5.2	113
23	Design of multifunctional alkali ion doped $\text{CaF}_2$ upconversion nanoparticles for simultaneous bioimaging and therapy. <i>Dalton Transactions</i> , 2014, 43, 3861.	1.6	36
24	Elimination of Photon Quenching by a Transition Layer to Fabricate a Quenching-Shield Sandwich Structure for 800 nm Excited Upconversion Luminescence of $\text{Nd}^{3+}$ -Sensitized Nanoparticles. <i>Advanced Materials</i> , 2014, 26, 2831-2837.	11.1	405
25	On-demand generation of singlet oxygen from a smart graphene complex for the photodynamic treatment of cancer cells. <i>Biomaterials Science</i> , 2014, 2, 1412-1418.	2.6	26
26	A simple and efficient synthetic route for preparation of $\text{NaYF}_4$ upconversion nanoparticles by thermo-decomposition of rare-earth oleates. <i>CrystEngComm</i> , 2014, 16, 5650-5661.	1.3	35
27	$\text{WS}_2$ nanosheet as a new photosensitizer carrier for combined photodynamic and photothermal therapy of cancer cells. <i>Nanoscale</i> , 2014, 6, 10394-10403.	2.8	301
28	High-Throughput Synthesis of Single-Layer $\text{MoS}_2$ Nanosheets as a Near-Infrared Photothermal-Triggered Drug Delivery for Effective Cancer Therapy. <i>ACS Nano</i> , 2014, 8, 6922-6933.	7.3	813
29	One-Pot Template-Free Synthesis of $\text{NaYF}_4$ Upconversion Hollow Nanospheres for Bioimaging and Drug Delivery. <i>Chemistry - an Asian Journal</i> , 2014, 9, 1655-1662.	1.7	22
30	Recent Advances in Design and Fabrication of Upconversion Nanoparticles and Their Safe Theranostic Applications. <i>Advanced Materials</i> , 2013, 25, 3758-3779.	11.1	437
31	A new near infrared photosensitizing nanoplatform containing blue-emitting up-conversion nanoparticles and hypocrellin A for photodynamic therapy of cancer cells. <i>Nanoscale</i> , 2013, 5, 11910.	2.8	85
32	Red-Emitting Upconverting Nanoparticles for Photodynamic Therapy in Cancer Cells Under Near-Infrared Excitation. <i>Small</i> , 2013, 9, 1929-1938.	5.2	174
33	The use of polyethylenimine-modified graphene oxide as a nanocarrier for transferring hydrophobic nanocrystals into water to produce water-dispersible hybrids for use in drug delivery. <i>Carbon</i> , 2013, 57, 120-129.	5.4	92
34	Upconversion: Red-Emitting Upconverting Nanoparticles for Photodynamic Therapy in Cancer Cells Under Near-Infrared Excitation ( <i>Small</i> 11/2013). <i>Small</i> , 2013, 9, 1928-1928.	5.2	8
35	Lanthanide-doped $\text{GdVO}_4$ upconversion nanophosphors with tunable emissions and their applications for biomedical imaging. <i>Journal of Materials Chemistry</i> , 2012, 22, 6974.	6.7	124
36	Controllable synthesis of $\text{Gd}_2\text{O}(\text{CO}_3)_2 \cdot \text{H}_2\text{O} @ \text{silica-FITC}$ nanoparticles with size-dependent optical and magnetic resonance imaging properties. <i>New Journal of Chemistry</i> , 2012, 36, 2599.	1.4	15

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37	TWEEN coated NaYF <sub>4</sub> :Yb,Er/NaYF <sub>4</sub> core/shell upconversion nanoparticles for bioimaging and drug delivery. RSC Advances, 2012, 2, 7037.	1.7	98
38	Size-tunable synthesis of lanthanide-doped Gd <sub>2</sub> O <sub>3</sub> nanoparticles and their applications for optical and magnetic resonance imaging. Journal of Materials Chemistry, 2012, 22, 966-974.	6.7	165
39	Lanthanide ion-doped GdPO <sub>4</sub> nanorods with dual-modal bio-optical and magnetic resonance imaging properties. Nanoscale, 2012, 4, 3754.	2.8	113
40	Enhanced Red Emission from GdF <sub>3</sub> :Yb <sup>3+</sup> ,Er <sup>3+</sup> Upconversion Nanocrystals by Li <sup>+</sup> Doping and Their Application for Bioimaging. Chemistry - A European Journal, 2012, 18, 9239-9245.	1.7	166
41	Mn <sup>2+</sup> Dopant Controlled Synthesis of NaYF <sub>4</sub> :Yb/Er Upconversion Nanoparticles for in vivo Imaging and Drug Delivery. Advanced Materials, 2012, 24, 1226-1231.	11.1	758
42	Facile Fabrication of Rare-Earth-Doped Gd <sub>2</sub> O <sub>3</sub> Hollow Spheres with Upconversion Luminescence, Magnetic Resonance, and Drug Delivery Properties. Journal of Physical Chemistry C, 2011, 115, 23790-23796.	1.5	170
43	Sorption of uranium(VI) using oxime-grafted ordered mesoporous carbon CMK-5. Journal of Hazardous Materials, 2011, 190, 442-450.	6.5	267
44	Solid phase extraction of uranium(VI) onto benzoylthiourea-anchored activated carbon. Journal of Hazardous Materials, 2010, 176, 119-124.	6.5	146
45	Synthesis and characterization of a new activated carbon supported ammonium molybdophosphate composite and its cesium-selective adsorption properties. Radiochimica Acta, 2010, 98, .	0.5	14
46	Supporting of Potassium Copper Hexacyanoferrate on Porous Activated Carbon Substrate for Cesium Separation. Separation Science and Technology, 2009, 44, 4023-4035.	1.3	35