Xinghua Dong

List of Publications by Year
in descending order

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39 papers	3,266 citations	159585 30 h-index	302126 39 g-index
39 all docs	39 docs citations	39 times ranked	4288 citing authors

#	Article	IF	Citations
1	Ultrathin, Transparent, and High Density Perovskite Scintillator Film for High Resolution Xâ€Ray Microscopic Imaging. Advanced Science, 2022, 9, e2200831.	11.2	37
2	Biocompatible Tantalum Nanoparticles as Radiosensitizers for Enhancing Therapy Efficacy in Primary Tumor and Metastatic Sentinel Lymph Nodes. ACS Nano, 2022, 16, 9428-9441.	14.6	34
3	Fractionated regimen-suitable immunoradiotherapy sensitizer based on ultrasmall Fe4Se2W18 nanoclusters enable tumor-specific radiosensitization augment and antitumor immunity boost. Nano Today, 2021, 36, 101003.	11.9	26
4	Photothermal Killing of A549 Cells and Autophagy Induction by Bismuth Selenide Particles. Materials, 2021, 14, 3373.	2.9	2
5	X-ray-facilitated redox cycling of nanozyme possessing peroxidase-mimicking activity for reactive oxygen species-enhanced cancer therapy. Biomaterials, 2021, 276, 121023.	11.4	34
6	A Bi₂S₃@mSiO₂@Ag nanocomposite for enhanced CT visualization and antibacterial response in the gastrointestinal tract. Journal of Materials Chemistry B, 2020, 8, 666-676.	5.8	9
7	Clinically Approved Carbon Nanoparticles with Oral Administration for Intestinal Radioprotection via Protecting the Small Intestinal Crypt Stem Cells and Maintaining the Balance of Intestinal Flora. Small, 2020, 16, e1906915.	10.0	51
8	BiO_{2â€“x} Nanosheets as Radiosensitizers with Catalase-Like Activity for Hypoxia Alleviation and Enhancement of the Radiotherapy of Tumors. Inorganic Chemistry, 2020, 59, 3482-3493.	4.0	64
9	Semiconductor heterojunction-based radiocatalytic platforms for tumors treatment by enhancing radiation response and reducing radioresistance. Chemical Engineering Journal, 2020, 394, 124872.	12.7	15
10	A Heterojunction Structured WO_{2.9}-WSe₂ Nanoradiosensitizer Increases Local Tumor Ablation and Checkpoint Blockade Immunotherapy upon Low Radiation Dose. ACS Nano, 2020, 14, 5400-5416.	14.6	104
11	Glucose-responsive cascaded nanocatalytic reactor with self-modulation of the tumor microenvironment for enhanced chemo-catalytic therapy. Materials Horizons, 2020, 7, 1834-1844.	12.2	56
12	Enhanced radiosensitization of ternary Cu₃BiSe₃ nanoparticles by photo-induced hyperthermia in the second near-infrared biological window. Nanoscale, 2019, 11, 7157-7165.	5.6	23
13	Enhanced Generation of Non-Oxygen Dependent Free Radicals by Schottky-type Heterostructures of Auâ€“Bi₂S₃ Nanoparticles via X-ray-Induced Catalytic Reaction for Radiosensitization. ACS Nano, 2019, 13, 5947-5958.	14.6	126
14	Tumor Microenvironment-Responsive Cu₂(OH)PO₄ Nanocrystals for Selective and Controllable Radiosentization via the X-ray-Triggered Fenton-like Reaction. Nano Letters, 2019, 19, 1749-1757.	9.1	142
15	Translocation, biotransformation-related degradation, and toxicity assessment of polyvinylpyrrolidone-modified 2H-phase nano-MoS₂. Nanoscale, 2019, 11, 4767-4780.	5.6	47
16	Tumor microenvironment-manipulated radiocatalytic sensitizer based on bismuth heteropolytungstate for radiotherapy enhancement. Biomaterials, 2019, 189, 11-22.	11.4	132
17	Graphdiyne Nanoparticles with High Free Radical Scavenging Activity for Radiation Protection. ACS Applied Materials & Interfaces, 2019, 11, 2579-2590.	8.0	115
18	Cu₂(OH)PO₄/reduced graphene oxide nanocomposites for enhanced photocatalytic degradation of 2,4-dichlorophenol under infrared light irradiation. RSC Advances, 2018, 8, 3611-3618.	3.6	18

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19	Intelligent MoS₂ Nanotheranostic for Targeted and Enzyme-/pH-/NIR-Responsive Drug Delivery To Overcome Cancer Chemotherapy Resistance Guided by PET Imaging. ACS Applied Materials & Interfaces, 2018, 10, 4271-4284.	8.0	137
20	Biodegradable MoO_x nanoparticles with efficient near-infrared photothermal and photodynamic synergetic cancer therapy at the second biological window. Nanoscale, 2018, 10, 1517-1531.	5.6	144
21	Bi₂S₃â€“Tween 20 Nanodots Loading PI3K Inhibitor, LY294002, for Mild Photothermal Therapy of LoVo Cells In Vitro and In Vivo. Advanced Healthcare Materials, 2018, 7, e1800830.	7.6	32
22	Functionalized MoS₂ Nanovehicle with Nearâ€Infrared Laserâ€Mediated Nitric Oxide Release and Photothermal Activities for Advanced Bacteriaâ€Infected Wound Therapy. Small, 2018, 14, e1802290.	10.0	259
23	Xâ€Rayâ€Controlled Generation of Peroxynitrite Based on Nanosized LiLuF₄:Ce³⁺ Scintillators and their Applications for Radiosensitization. Advanced Materials, 2018, 30, e1804046.	21.0	138
24	Small size fullerenol nanoparticles suppress lung metastasis of breast cancer cell by disrupting actin dynamics. Journal of Nanobiotechnology, 2018, 16, 54.	9.1	32
25	A Sizeâ€Reducible Nanodrug with an Aggregationâ€Enhanced Photodynamic Effect for Deep Chemoâ€Photodynamic Therapy. Angewandte Chemie, 2018, 130, 11554-11558.	2.0	29
26	A Sizeâ€Reducible Nanodrug with an Aggregationâ€Enhanced Photodynamic Effect for Deep Chemoâ€Photodynamic Therapy. Angewandte Chemie - International Edition, 2018, 57, 11384-11388.	13.8	196
27	Protein-directed synthesis of Bi₂S₃ nanoparticles as an efficient contrast agent for visualizing the gastrointestinal tract. RSC Advances, 2017, 7, 17505-17513.	3.6	15
28	Design of TPGS-functionalized Cu₃BiS₃ nanocrystals with strong absorption in the second near-infrared window for radiation therapy enhancement. Nanoscale, 2017, 9, 8229-8239.	5.6	69
29	Polyoxometalate-Based Radiosensitization Platform for Treating Hypoxic Tumors by Attenuating Radioresistance and Enhancing Radiation Response. ACS Nano, 2017, 11, 7164-7176.	14.6	168
30	MoS₂-Nanosheet-Assisted Coordination of Metal Ions with Porphyrin for Rapid Detection and Removal of Cadmium Ions in Aqueous Media. ACS Applied Materials & Interfaces, 2017, 9, 21362-21370.	8.0	54
31	Therapeutic Nanoparticles Based on Curcumin and Bamboo Charcoal Nanoparticles for Chemo-Photothermal Synergistic Treatment of Cancer and Radioprotection of Normal Cells. ACS Applied Materials & Interfaces, 2017, 9, 14281-14291.	8.0	72
32	Synthesis of BSAâ€Coated BiOI@Bi₂S₃ Semiconductor Heterojunction Nanoparticles and Their Applications for Radio/Photodynamic/Photothermal Synergistic Therapy of Tumor. Advanced Materials, 2017, 29, 1704136.	21.0	257
33	Mesoporous Bamboo Charcoal Nanoparticles as a New Nearâ€Infrared Responsive Drug Carrier for Imagingâ€Guided Chemotherapy/Photothermal Synergistic Therapy of Tumor. Advanced Healthcare Materials, 2016, 5, 1627-1637.	7.6	34
34	The polyvinylpyrrolidone functionalized rGO/Bi₂S₃nanocomposite as a near-infrared light-responsive nanovehicle for chemo-photothermal therapy of cancer. Nanoscale, 2016, 8, 11531-11542.	5.6	71
35	Multifunctional WS₂@Poly(ethylene imine) Nanoplatforms for Imaging Guided Geneâ€Photothermal Synergistic Therapy of Cancer. Advanced Healthcare Materials, 2016, 5, 2776-2787.	7.6	86
36	Photothermal Therapy: Multifunctional WS2 @Polyetherimide Nanoplatforms for Imaging Guided Gene-Photothermal Synergistic Therapy of Cancer (Adv. Healthcare Mater. 21/2016). Advanced Healthcare Materials, 2016, 5, 2834-2834.	7.6	1

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37	Fluorescent supramolecular micelles for imaging-guided cancer therapy. Nanoscale, 2016, 8, 5302-5312.	5.6	32
38	One-pot synthesis of PEGylated plasmonic MoO3â€“x hollow nanospheres for photoacoustic imaging guided chemo-photothermal combinational therapy of cancer. Biomaterials, 2016, 76, 11-24.	11.4	171
39	Smart MoS₂/Fe₃O₄ Nanotheranostic for Magnetically Targeted Photothermal Therapy Guided by Magnetic Resonance/Photoacoustic Imaging. Theranostics, 2015, 5, 931-945.	10.0	234