

Xinghua Dong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11217085/publications.pdf>

Version: 2024-02-01

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	Functionalized MoS ₂ Nanovehicle with Near-Infrared Laser-Mediated Nitric Oxide Release and Photothermal Activities for Advanced Bacteria-Infected Wound Therapy. <i>Small</i> , 2018, 14, e1802290.	10.0	259
2	Synthesis of BSA-Coated BiOI@Bi ₂ S ₃ Semiconductor Heterojunction Nanoparticles and Their Applications for Radio/Photodynamic/Photothermal Synergistic Therapy of Tumor. <i>Advanced Materials</i> , 2017, 29, 1704136.	21.0	257
3	Smart MoS ₂ /Fe ₃ O ₄ Nanotheranostic for Magnetically Targeted Photothermal Therapy Guided by Magnetic Resonance/Photoacoustic Imaging. <i>Theranostics</i> , 2015, 5, 931-945.	10.0	234
4	A Size-Reducible Nanodrug with an Aggregation-Enhanced Photodynamic Effect for Deep Chemo-Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11384-11388.	13.8	196
5	One-pot synthesis of PEGylated plasmonic MoO ₃ hollow nanospheres for photoacoustic imaging guided chemo-photothermal combinational therapy of cancer. <i>Biomaterials</i> , 2016, 76, 11-24.	11.4	171
6	Polyoxometalate-Based Radiosensitization Platform for Treating Hypoxic Tumors by Attenuating Radioresistance and Enhancing Radiation Response. <i>ACS Nano</i> , 2017, 11, 7164-7176.	14.6	168
7	Biodegradable MoO _x nanoparticles with efficient near-infrared photothermal and photodynamic synergetic cancer therapy at the second biological window. <i>Nanoscale</i> , 2018, 10, 1517-1531.	5.6	144
8	Tumor Microenvironment-Responsive Cu ₂ (OH)PO ₄ Nanocrystals for Selective and Controllable Radiosensitization via the X-ray-Triggered Fenton-like Reaction. <i>Nano Letters</i> , 2019, 19, 1749-1757.	9.1	142
9	X-Ray-Controlled Generation of Peroxynitrite Based on Nanosized LiLuF ₄ :Ce ³⁺ Scintillators and their Applications for Radiosensitization. <i>Advanced Materials</i> , 2018, 30, e1804046.	21.0	138
10	Intelligent MoS ₂ Nanotheranostic for Targeted and Enzyme-/pH-/NIR-Responsive Drug Delivery To Overcome Cancer Chemotherapy Resistance Guided by PET Imaging. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4271-4284.	8.0	137
11	Tumor microenvironment-manipulated radiocatalytic sensitizer based on bismuth heteropolytungstate for radiotherapy enhancement. <i>Biomaterials</i> , 2019, 189, 11-22.	11.4	132
12	Enhanced Generation of Non-Oxygen Dependent Free Radicals by Schottky-type Heterostructures of Au-Bi ₂ S ₃ Nanoparticles via X-ray-Induced Catalytic Reaction for Radiosensitization. <i>ACS Nano</i> , 2019, 13, 5947-5958.	14.6	126
13	Graphdiyne Nanoparticles with High Free Radical Scavenging Activity for Radiation Protection. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 2579-2590.	8.0	115
14	A Heterojunction Structured WO _{2.9} -WSe ₂ Nanoradiosensitizer Increases Local Tumor Ablation and Checkpoint Blockade Immunotherapy upon Low Radiation Dose. <i>ACS Nano</i> , 2020, 14, 5400-5416.	14.6	104
15	Multifunctional WS ₂ @Poly(ethylene imine) Nanoplatforms for Imaging Guided Gene-Photothermal Synergistic Therapy of Cancer. <i>Advanced Healthcare Materials</i> , 2016, 5, 2776-2787.	7.6	86
16	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 & Interfaces</i> , 2017, 9, 14281-14291.	8.0	72
17	The polyvinylpyrrolidone functionalized rGO/Bi ₂ S ₃ nanocomposite as a near-infrared light-responsive nanovehicle for chemo-photothermal therapy of cancer. <i>Nanoscale</i> , 2016, 8, 11531-11542.	5.6	71
18	Design of TPGS-functionalized Cu ₃ BiS ₃ nanocrystals with strong absorption in the second near-infrared window for radiation therapy enhancement. <i>Nanoscale</i> , 2017, 9, 8229-8239.	5.6	69

#	ARTICLE	IF	CITATIONS
19	BiO ₂ Nanosheets as Radiosensitizers with Catalase-Like Activity for Hypoxia Alleviation and Enhancement of the Radiotherapy of Tumors. <i>Inorganic Chemistry</i> , 2020, 59, 3482-3493.	4.0	64
20	Glucose-responsive cascaded nanocatalytic reactor with self-modulation of the tumor microenvironment for enhanced chemo-catalytic therapy. <i>Materials Horizons</i> , 2020, 7, 1834-1844.	12.2	56
21	MoS ₂ -Nanosheet-Assisted Coordination of Metal Ions with Porphyrin for Rapid Detection and Removal of Cadmium Ions in Aqueous Media. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 21362-21370.	8.0	54
22	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. <i>Small</i> , 2020, 16, e1906915.	10.0	51
23	Translocation, biotransformation-related degradation, and toxicity assessment of polyvinylpyrrolidone-modified 2H-phase nano-MoS ₂ . <i>Nanoscale</i> , 2019, 11, 4767-4780.	5.6	47
24	Ultrathin, Transparent, and High Density Perovskite Scintillator Film for High Resolution X-ray Microscopic Imaging. <i>Advanced Science</i> , 2022, 9, e2200831.	11.2	37
25	Mesoporous Bamboo Charcoal Nanoparticles as a New Near-Infrared Responsive Drug Carrier for Imaging-Guided Chemotherapy/Photothermal Synergistic Therapy of Tumor. <i>Advanced Healthcare Materials</i> , 2016, 5, 1627-1637.	7.6	34
26	X-ray-facilitated redox cycling of nanozyme possessing peroxidase-mimicking activity for reactive oxygen species-enhanced cancer therapy. <i>Biomaterials</i> , 2021, 276, 121023.	11.4	34
27	Biocompatible Tantalum Nanoparticles as Radiosensitizers for Enhancing Therapy Efficacy in Primary Tumor and Metastatic Sentinel Lymph Nodes. <i>ACS Nano</i> , 2022, 16, 9428-9441.	14.6	34
28	Fluorescent supramolecular micelles for imaging-guided cancer therapy. <i>Nanoscale</i> , 2016, 8, 5302-5312.	5.6	32
29	Bi ₂ S ₃ -Tween 20 Nanodots Loading PI3K Inhibitor, LY294002, for Mild Photothermal Therapy of LoVo Cells In Vitro and In Vivo. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800830.	7.6	32
30	Small size fullerene nanoparticles suppress lung metastasis of breast cancer cell by disrupting actin dynamics. <i>Journal of Nanobiotechnology</i> , 2018, 16, 54.	9.1	32
31	A Size-Reducible Nanodrug with an Aggregation-Enhanced Photodynamic Effect for Deep Chemo-Photodynamic Therapy. <i>Angewandte Chemie</i> , 2018, 130, 11554-11558.	2.0	29
32	Fractionated regimen-suitable immunoradiotherapy sensitizer based on ultrasmall Fe ₄ Se ₂ W ₁₈ nanoclusters enable tumor-specific radiosensitization augment and antitumor immunity boost. <i>Nano Today</i> , 2021, 36, 101003.	11.9	26
33	Enhanced radiosensitization of ternary Cu ₃ BiSe ₃ nanoparticles by photo-induced hyperthermia in the second near-infrared biological window. <i>Nanoscale</i> , 2019, 11, 7157-7165.	5.6	23
34	Cu ₂ (OH)PO ₄ /reduced graphene oxide nanocomposites for enhanced photocatalytic degradation of 2,4-dichlorophenol under infrared light irradiation. <i>RSC Advances</i> , 2018, 8, 3611-3618.	3.6	18
35	Protein-directed synthesis of Bi ₂ S ₃ nanoparticles as an efficient contrast agent for visualizing the gastrointestinal tract. <i>RSC Advances</i> , 2017, 7, 17505-17513.	3.6	15
36	Semiconductor heterojunction-based radiocatalytic platforms for tumors treatment by enhancing radiation response and reducing radioresistance. <i>Chemical Engineering Journal</i> , 2020, 394, 124872.	12.7	15

#	ARTICLE	IF	CITATIONS
37	A Bi ₂ S ₃ @mSiO ₂ @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
38	Photothermal Killing of A549 Cells and Autophagy Induction by Bismuth Selenide Particles. Materials, 2021, 14, 3373.	2.9	2
39	Photothermal Therapy: Multifunctional WS ₂ @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