

# Jiang Ouyang

## List of Publications by Year in descending order

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47  
papers

5,162  
citations

126708

33  
h-index

223531

46  
g-index

48  
all docs

48  
docs citations

48  
times ranked

5135  
citing authors

#	ARTICLE	IF	CITATIONS
1	Black Phosphorus Nanosheet-Based Drug Delivery System for Synergistic Photodynamic/Photothermal/Chemotherapy of Cancer. <i>Advanced Materials</i> , 2017, 29, 1603864.	11.1	793
2	Emerging two-dimensional monoelemental materials (Xenes) for biomedical applications. <i>Chemical Society Reviews</i> , 2019, 48, 2891-2912.	18.7	482
3	Cell Membrane Camouflaged Hollow Prussian Blue Nanoparticles for Synergistic Photothermal/Chemotherapy of Cancer. <i>Advanced Functional Materials</i> , 2017, 27, 1605795.	7.8	285
4	Black Phosphorus Nanosheets as a Neuroprotective Nanomedicine for Neurodegenerative Disorder Therapy. <i>Advanced Materials</i> , 2018, 30, 1703458.	11.1	266
5	In situ sprayed NIR-responsive, analgesic black phosphorus-based gel for diabetic ulcer treatment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28667-28677.	3.3	244
6	Marriage of black phosphorus and Cu <sup>2+</sup> as effective photothermal agents for PET-guided combination cancer therapy. <i>Nature Communications</i> , 2020, 11, 2778.	5.8	233
7	Artificial Enzyme Catalyzed Cascade Reactions: Antitumor Immunotherapy Reinforced by NIR Light. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17425-17432.	7.2	214
8	Germanene-Based Theranostic Materials for Surgical Adjuvant Treatment: Inhibiting Tumor Recurrence and Wound Infection. <i>Matter</i> , 2020, 3, 127-144.	5.0	190
9	Minimally invasive nanomedicine: nanotechnology in photo-/ultrasound-/radiation-/magnetism-mediated therapy and imaging. <i>Chemical Society Reviews</i> , 2022, 51, 4996-5041.	18.7	179
10	Phosphorus Science-Oriented Design and Synthesis of Multifunctional Nanomaterials for Biomedical Applications. <i>Matter</i> , 2020, 2, 297-322.	5.0	165
11	Ultrasound mediated therapy: Recent progress and challenges in nanoscience. <i>Nano Today</i> , 2020, 35, 100949.	6.2	153
12	Synthesis of Ultrathin Biotite Nanosheets as an Intelligent Theranostic Platform for Combination Cancer Therapy. <i>Advanced Science</i> , 2019, 6, 1901211.	5.6	130
13	Two dimensional semiconductors for ultrasound-mediated cancer therapy: the case of black phosphorus nanosheets. <i>Chemical Communications</i> , 2018, 54, 2874-2877.	2.2	114
14	Stanene-Based Nanosheets for I <sup>2</sup> Elemene Delivery and Ultrasound-Mediated Combination Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7155-7164.	7.2	113
15	Electroactive electrospun nanofibers for tissue engineering. <i>Nano Today</i> , 2021, 39, 101196.	6.2	112
16	A black phosphorus based synergistic antibacterial platform against drug resistant bacteria. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6302-6310.	2.9	105
17	Stimuli-responsive prodrug-based cancer nanomedicine. <i>EBioMedicine</i> , 2020, 56, 102821.	2.7	103
18	2D Monoelemental Germanene Quantum Dots: Synthesis as Robust Photothermal Agents for Photonic Cancer Nanomedicine. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13405-13410.	7.2	102

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19	Engineering H <sub>2</sub> O <sub>2</sub> Self-Supplying Nanotheranostic Platform for Targeted and Imaging-Guided Chemodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 288-297.	4.0	100
20	A Cascade Nanozyme with Amplified Sonodynamic Therapeutic Effects through Comodulation of Hypoxia and Immunosuppression against Cancer. <i>ACS Nano</i> , 2022, 16, 485-501.	7.3	88
21	Ca <sup>2+</sup> -supplying black phosphorus-based scaffolds fabricated with microfluidic technology for osteogenesis. <i>Bioactive Materials</i> , 2021, 6, 4053-4064.	8.6	80
22	Microalgae-based oral microcarriers for gut microbiota homeostasis and intestinal protection in cancer radiotherapy. <i>Nature Communications</i> , 2022, 13, 1413.	5.8	78
23	Triangle-Shaped Tellurium Nanostars Potentiate Radiotherapy by Boosting Checkpoint Blockade Immunotherapy. <i>Matter</i> , 2020, 3, 1725-1753.	5.0	74
24	Marriage of artificial catalase and black phosphorus nanosheets for reinforced photodynamic antitumor therapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2057-2064.	2.9	58
25	Black Phosphorus in Biological Applications: Evolutionary Journey from Monoelemental Materials to Composite Materials. <i>Accounts of Materials Research</i> , 2021, 2, 489-500.	5.9	57
26	Biomimetic nanothylakoids for efficient imaging-guided photodynamic therapy for cancer. <i>Chemical Communications</i> , 2018, 54, 3468-3471.	2.2	56
27	A facile and general method for synthesis of antibiotic-free protein-based hydrogel: Wound dressing for the eradication of drug-resistant bacteria and biofilms. <i>Bioactive Materials</i> , 2022, 18, 446-458.	8.6	54
28	2D materials-based nanomedicine: From discovery to applications. <i>Advanced Drug Delivery Reviews</i> , 2022, 185, 114268.	6.6	53
29	Emerging vaccine nanotechnology: From defense against infection to sniping cancer. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 2206-2223.	5.7	52
30	Cryogenic Exfoliation of 2D Stanene Nanosheets for Cancer Theranostics. <i>Nano-Micro Letters</i> , 2021, 13, 90.	14.4	43
31	2D Monoelemental Germanene Quantum Dots: Synthesis as Robust Photothermal Agents for Photonic Cancer Nanomedicine. <i>Angewandte Chemie</i> , 2019, 131, 13539-13544.	1.6	41
32	Coordination Nanosheets of Phthalocyanine as Multifunctional Platform for Imaging-Guided Synergistic Therapy of Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 6840-6849.	4.0	40
33	A NIR-II light responsive hydrogel based on 2D engineered tungsten nitride nanosheets for multimode chemo/photothermal therapy. <i>Chemical Communications</i> , 2019, 55, 9471-9474.	2.2	35
34	Nano-bio interfaces effect of two-dimensional nanomaterials and their applications in cancer immunotherapy. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 3447-3464.	5.7	35
35	A label-free sensitive method for membrane protein detection based on aptamer and AgNCs transfer. <i>Talanta</i> , 2017, 175, 470-476.	2.9	28
36	Fabrication of Surface Protein-Imprinted Biofuel Cell for Sensitive Self-Powered Glycoprotein Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 35004-35011.	4.0	27

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37	Multifunctional two dimensional Bi <sub>2</sub> Se <sub>3</sub> nanodiscs for combined antibacterial and anti-inflammatory therapy for bacterial infections. <i>Chemical Communications</i> , 2019, 55, 4877-4880.	2.2	26
38	Synthesis of peptide templated copper nanoclusters for fluorometric determination of Fe(III) in human serum. <i>Mikrochimica Acta</i> , 2016, 183, 2831-2836.	2.5	24
39	Emerging Two-Dimensional Nanomaterials for Cancer Therapy. <i>ChemPhysChem</i> , 2019, 20, 2417-2433.	1.0	24
40	NIR-Responsive Hydrogel as an Angiogenesis Inhibition Agent for Tumor Microenvironment Reprogramming. <i>Small</i> , 2021, 17, e2103003.	5.2	24
41	Artificial Enzyme Catalyzed Cascade Reactions: Antitumor Immunotherapy Reinforced by NIR Light. <i>Angewandte Chemie</i> , 2019, 131, 17586-17593.	1.6	22
42	Bright and photostable fluorescent probe with aggregation-induced emission characteristics for specific lysosome imaging and tracking. <i>Talanta</i> , 2016, 159, 255-261.	2.9	20
43	Two-Dimensional Nanosheet-Based Photonic Nanomedicine for Combined Gene and Photothermal Therapy. <i>Frontiers in Pharmacology</i> , 2019, 10, 1573.	1.6	20
44	Stanene-Based Nanosheets for <sup>125</sup> Iodine Delivery and Ultrasound-Mediated Combination Cancer Therapy. <i>Angewandte Chemie</i> , 2021, 133, 7231-7240.	1.6	12
45	Oxygen-deficient tungsten oxide perovskite nanosheets-based photonic nanomedicine for cancer theranostics. <i>Chemical Engineering Journal</i> , 2022, 431, 133273.	6.6	6
46	2D Black Mica Nanosheets: Synthesis of Ultrathin Biotite Nanosheets as an Intelligent Theranostic Platform for Combination Cancer Therapy ( <i>Adv. Sci.</i> 19/2019). <i>Advanced Science</i> , 2019, 6, 1970118.	5.6	2
47	Titelbild: Stanene-Based Nanosheets for <sup>125</sup> Iodine Delivery and Ultrasound-Mediated Combination Cancer Therapy ( <i>Angew. Chem.</i> 13/2021). <i>Angewandte Chemie</i> , 2021, 133, 6905-6905.	1.6	0