

# Yu Chong

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

3,829  
citations

218677

26  
h-index

214800

47  
g-index

48  
all docs

48  
docs citations

48  
times ranked

6148  
citing authors

#	ARTICLE	IF	CITATIONS
1	The inÂvitro and inÂvivo toxicity of graphene quantum dots. <i>Biomaterials</i> , 2014, 35, 5041-5048.	11.4	437
2	Differential Pd-nanocrystal facets demonstrate distinct antibacterial activity against Gram-positive and Gram-negative bacteria. <i>Nature Communications</i> , 2018, 9, 129.	12.8	414
3	Reduced Cytotoxicity of Graphene Nanosheets Mediated by Blood-Protein Coating. <i>ACS Nano</i> , 2015, 9, 5713-5724.	14.6	271
4	Facet Energy <i>versus</i> Enzyme-like Activities: The Unexpected Protection of Palladium Nanocrystals against Oxidative Damage. <i>ACS Nano</i> , 2016, 10, 10436-10445.	14.6	247
5	Protein Corona Influences Cellular Uptake of Gold Nanoparticles by Phagocytic and Nonphagocytic Cells in a Size-Dependent Manner. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 20568-20575.	8.0	243
6	Synthesis of Pt Hollow Nanodendrites with Enhanced Peroxidase-Like Activity against Bacterial Infections: Implication for Wound Healing. <i>Advanced Functional Materials</i> , 2018, 28, 1801484.	14.9	205
7	Crossover between Anti- and Pro-oxidant Activities of Graphene Quantum Dots in the Absence or Presence of Light. <i>ACS Nano</i> , 2016, 10, 8690-8699.	14.6	188
8	Bactericidal Effects of Silver Nanoparticles on Lactobacilli and the Underlying Mechanism. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 8443-8450.	8.0	165
9	PEGylated Graphene Oxide-Mediated Protein Delivery for Cell Function Regulation. <i>ACS Applied Materials &amp; Interfaces</i> , 2012, 4, 6317-6323.	8.0	154
10	Advances in oxidase-mimicking nanozymes: Classification, activity regulation and biomedical applications. <i>Nano Today</i> , 2021, 37, 101076.	11.9	150
11	Light-Enhanced Antibacterial Activity of Graphene Oxide, Mainly via Accelerated Electron Transfer. <i>Environmental Science &amp; Technology</i> , 2017, 51, 10154-10161.	10.0	131
12	Destruction of amyloid fibrils by graphene through penetration and extraction of peptides. <i>Nanoscale</i> , 2015, 7, 18725-18737.	5.6	101
13	Platinum Nanoparticles: Efficient and Stable Catechol Oxidase Mimetics. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 19709-19717.	8.0	98
14	Surface Curvature Relation to Protein Adsorption for Carbon-based Nanomaterials. <i>Scientific Reports</i> , 2015, 5, 10886.	3.3	97
15	Graphene Oxide Based Theranostic Platform for $T_1$ -Weighted Magnetic Resonance Imaging and Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 13325-13332.	8.0	85
16	Palladium concave nanocrystals with high-index facets accelerate ascorbate oxidation in cancer treatment. <i>Nature Communications</i> , 2018, 9, 4861.	12.8	84
17	Multifunctional nanotheranostic gold nanocages for photoacoustic imaging guided radio/photodynamic/photothermal synergistic therapy. <i>Acta Biomaterialia</i> , 2019, 84, 328-338.	8.3	73
18	Synthesis of heterodimer radionuclide nanoparticles for magnetic resonance and single-photon emission computed tomography dual-modality imaging. <i>Nanoscale</i> , 2015, 7, 3392-3395.	5.6	55

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19	Exploring environment-dependent effects of Pd nanostructures on reactive oxygen species (ROS) using electron spin resonance (ESR) technique: implications for biomedical applications. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 24937-24943.	2.8	51
20	Sanguinarine inhibits growth of human cervical cancer cells through the induction of apoptosis. <i>Oncology Reports</i> , 2012, 28, 2264-2270.	2.6	46
21	HP- $\beta$ -CD Functionalized Fe <sub>3</sub> O <sub>4</sub> /CNPs-Based Theranostic Nanoplatform for pH/NIR Responsive Drug Release and MR/NIRFL Imaging-Guided Synergetic Chemo/Photothermal Therapy of Tumor. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 33867-33878.	8.0	45
22	Hyaluronic Acid-Modified Au@Ag Alloy Nanoparticles for Radiation/Nanozyme/Ag <sup>+</sup> Multimodal Synergistically Enhanced Cancer Therapy. <i>Bioconjugate Chemistry</i> , 2020, 31, 1756-1765.	3.6	43
23	Probing hydroxyl radical generation from H <sub>2</sub> O <sub>2</sub> upon plasmon excitation of gold nanorods using electron spin resonance: Molecular oxygen-mediated activation. <i>Nano Research</i> , 2016, 9, 1663-1673.	10.4	38
24	Understanding the Nano-Bio Interactions and the Corresponding Biological Responses. <i>Frontiers in Chemistry</i> , 2020, 8, 446.	3.6	38
25	Dual-Stimuli-Responsive Multifunctional Gd <sub>2</sub> Hf <sub>2</sub> O <sub>7</sub> Nanoparticles for MRI-Guided Combined Chemo-/Photothermal-/Radiotherapy of Resistant Tumors. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 35928-35939.	8.0	37
26	Platinum nanoparticles inhibit antioxidant effects of vitamin C via ascorbate oxidase-mimetic activity. <i>Journal of Materials Chemistry B</i> , 2016, 4, 7895-7901.	5.8	33
27	Targeting lactate dehydrogenase improves radiotherapy efficacy in non-small cell lung cancer: from bedside to bench. <i>Journal of Translational Medicine</i> , 2021, 19, 170.	4.4	26
28	Size-dependent tuning of horseradish peroxidase bioreactivity by gold nanoparticles. <i>Nanoscale</i> , 2015, 7, 4505-4513.	5.6	25
29	Au@Pt nanozyme-based multifunctional hydrogel dressing for diabetic wound healing. , 2022, 137, 212869.		25
30	Sparks fly between ascorbic acid and iron-based nanozymes: A study on Prussian blue nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 163, 379-384.	5.0	23
31	Platinum nanoparticles: an avenue for enhancing the release of nitric oxide from <i>S</i> -nitroso- <i>N</i> -acetylpenicillamine and <i>S</i> -nitrosoglutathione. <i>Nanoscale</i> , 2018, 10, 11176-11185.	5.6	18
32	Understanding the graphene quantum dots-ubiquitin interaction by identifying the interaction sites. <i>Carbon</i> , 2017, 121, 285-291.	10.3	17
33	Amidoxime-Functionalized Covalent Organic Nanosheets for Sequestration of Uranium In Vivo. <i>ACS Applied Bio Materials</i> , 2020, 3, 8731-8738.	4.6	17
34	BiVO <sub>4</sub> @Bi <sub>2</sub> S <sub>3</sub> Heterojunction Nanorods with Enhanced Charge Separation Efficiency for Multimodal Imaging and Synergy Therapy of Tumor. <i>ACS Applied Bio Materials</i> , 2020, 3, 5080-5092.	4.6	16
35	BiVO <sub>4</sub> /Fe <sub>3</sub> O <sub>4</sub> @polydopamine superparticles for tumor multimodal imaging and synergistic therapy. <i>Journal of Nanobiotechnology</i> , 2021, 19, 90.	9.1	16
36	Combination of TNF- $\alpha$ and graphene oxide-loaded BEZ235 to enhance apoptosis of PIK3CA mutant colorectal cancer cells. <i>Journal of Materials Chemistry B</i> , 2013, 1, 5602.	5.8	14

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37	Inhibition of the proteasome activity by graphene oxide contributes to its cytotoxicity. <i>Nanotoxicology</i> , 2018, 12, 185-200.	3.0	14
38	Lactoferrin Alleviates Acute Alcoholic Liver Injury by Improving Redox-Stress Response Capacity in Female C57BL/6J Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 14856-14867.	5.2	12
39	Solar-excited graphene quantum dots for bacterial inactivation <i>via</i> generation of reactive oxygen species. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2019, 37, 67-80.	2.9	10
40	Emerging nanozymes for potentiating radiotherapy and radiation protection. <i>Chinese Chemical Letters</i> , 2022, 33, 3315-3324.	9.0	10
41	Protection effect of sanguinarine on whole-body exposure of X radiation in BALB/c mice. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2014, 50, 101-106.	1.2	9
42	Effects of P25 TiO <sub>2</sub> Nanoparticles on the Free Radical-Scavenging Ability of Antioxidants upon Their Exposure to Simulated Sunlight. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 9893-9901.	5.2	9
43	Evaluation of the structure-activity relationship of carbon nanomaterials as antioxidants. <i>Nanomedicine</i> , 2018, 13, 733-747.	3.3	9
44	Inhibitory impacts of chemically modified tetracycline-3 and underlying mechanism in human cervical cancer cells. <i>Anti-Cancer Drugs</i> , 2013, 24, 799-809.	1.4	8
45	Pharmacological Ascorbate Promotes the Tumor Radiosensitization of Au@Pd Nanoparticles with Simultaneous Protection of Normal Tissues. <i>ACS Applied Bio Materials</i> , 2021, 4, 1843-1851.	4.6	8
46	Synthesis, protein delivery, and in vitro and in vivo toxicity of a biodegradable poly(aminoester). <i>Toxicology Research</i> , 2013, 2, 379.	2.1	5
47	Rational design of metal-based antimicrobial nanomaterials in environmental applications. <i>Environmental Science: Nano</i> , 2021, 8, 3478-3492.	4.3	5
48	Multifaceted Regulation of Potassium-Ion Channels by Graphene Quantum Dots. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 27784-27795.	8.0	4