

Yang Yang

List of Publications by Year in descending order

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43
papers

2,405
citations

218677

26
h-index

265206

42
g-index

43
all docs

43
docs citations

43
times ranked

3676
citing authors

#	ARTICLE	IF	CITATIONS
1	One-Dimensional Fe ₂ P Acts as a Fenton Agent in Response to NIR-III Light and Ultrasound for Deep Tumor Synergetic Theranostics. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2407-2412.	13.8	315
2	Solvent-Induced Structural Transition of Self-Assembled Dipeptide: From Organogels to Microcrystals. <i>Chemistry - A European Journal</i> , 2010, 16, 3176-3183.	3.3	270
3	Controlled Rod Nanostructured Assembly of Diphenylalanine and Their Optical Waveguide Properties. <i>ACS Nano</i> , 2015, 9, 2689-2695.	14.6	200
4	Photodynamic Therapy with Liposomes Encapsulating Photosensitizers with Aggregation-Induced Emission. <i>Nano Letters</i> , 2019, 19, 1821-1826.	9.1	138
5	Preparation of polymer-coated mesoporous silica nanoparticles used for cellular imaging by a graft-from method. <i>Journal of Materials Chemistry</i> , 2008, 18, 5731.	6.7	132
6	pH-responsive polysaccharide microcapsules through covalent bonding assembly. <i>Chemical Communications</i> , 2011, 47, 1175-1177.	4.1	107
7	An Assembled Nanocomplex for Improving both Therapeutic Efficiency and Treatment Depth in Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7759-7763.	13.8	104
8	Construction and Evaluation of Hemoglobin-Based Capsules as Blood Substitutes. <i>Advanced Functional Materials</i> , 2012, 22, 1446-1453.	14.9	95
9	Lipid coated mesoporous silica nanoparticles as photosensitive drug carriers. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 4418.	2.8	92
10	Hyperbranched Polyglycerol-Doped Mesoporous Silica Nanoparticles for One- and Two-Photon Activated Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2016, 26, 2561-2570.	14.9	70
11	Lipid, protein and poly(NIPAM) coated mesoporous silica nanoparticles for biomedical applications. <i>Advances in Colloid and Interface Science</i> , 2014, 207, 155-163.	14.7	64
12	Bis(pyrene)-Doped Cationic Dipeptide Nanoparticles for Two-Photon-Activated Photodynamic Therapy. <i>Biomacromolecules</i> , 2017, 18, 3506-3513.	5.4	49
13	Fabrication of autofluorescent protein coated mesoporous silica nanoparticles for biological application. <i>Chemical Communications</i> , 2011, 47, 12167.	4.1	48
14	Pt@polydopamine nanoparticles as nanozymes for enhanced photodynamic and photothermal therapy. <i>Chemical Communications</i> , 2021, 57, 255-258.	4.1	48
15	The lectin binding and targetable cellular uptake of lipid-coated polysaccharide microcapsules. <i>Journal of Materials Chemistry</i> , 2010, 20, 2121.	6.7	47
16	Selective Recognition of Co-Assembled Thrombin Aptamer and Docetaxel on Mesoporous Silica Nanoparticles against Tumor Cell Proliferation. <i>Chemistry - A European Journal</i> , 2011, 17, 13170-13174.	3.3	45
17	Nitrogen-doped graphene quantum dots coupled with photosensitizers for one-/two-photon activated photodynamic therapy based on a FRET mechanism. <i>Chemical Communications</i> , 2018, 54, 715-718.	4.1	45
18	Multilayer Microcapsules for FRET Analysis and Two-Photon-Activated Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13538-13543.	13.8	44

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19	Complex Assembly of Polymer Conjugated Mesoporous Silica Nanoparticles for Intracellular pH-Responsive Drug Delivery. <i>Langmuir</i> , 2016, 32, 12453-12460.	3.5	38
20	Fabrication of Mesoporous Silica Nanoparticle with Well-Defined Multicompartment Structure as Efficient Drug Carrier for Cancer Therapy in Vitro and in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 8900-8907.	8.0	38
21	Supramolecularly Assembled Nanocomposites as Biomimetic Chloroplasts for Enhancement of Photophosphorylation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 796-800.	13.8	37
22	AI Egenâ€œlipid structures: Assembly and biological applications. <i>Aggregate</i> , 2020, 1, 69-79.	9.9	37
23	Gelatinâ€œAssisted Synthesis of Vaterite Nanoparticles with Higher Surface Area and Porosity as Anticancer Drug Containers In Vitro. <i>ChemPlusChem</i> , 2016, 81, 194-201.	2.8	32
24	Core-shell structured nanoparticles for photodynamic therapy-based cancer treatment and related imaging. <i>Coordination Chemistry Reviews</i> , 2022, 458, 214427.	18.8	30
25	Cell membrane covered polydopamine nanoparticles with two-photon absorption for precise photothermal therapy of cancer. <i>Journal of Colloid and Interface Science</i> , 2021, 604, 596-603.	9.4	28
26	Unprecedentedly High Tissue Penetration Capability of Coâ€œAssembled Nanosystems for Twoâ€œPhoton Fluorescence Imaging In Vivo. <i>Advanced Optical Materials</i> , 2015, 3, 646-651.	7.3	26
27	Directed Self-Assembly of Dipeptide Single Crystal in a Capillary. <i>ACS Nano</i> , 2018, 12, 1934-1939.	14.6	26
28	Supramolecular Assembly of Photosystem II and Adenosine Triphosphate Synthase in Artificially Designed Honeycomb Multilayers for Photophosphorylation. <i>ACS Nano</i> , 2018, 12, 1455-1461.	14.6	26
29	Self-Assembly of Ultralong Aligned Dipeptide Single Crystals. <i>ACS Nano</i> , 2017, 11, 10489-10494.	14.6	24
30	An Assembled Nanocomplex for Improving both Therapeutic Efficiency and Treatment Depth in Photodynamic Therapy. <i>Angewandte Chemie</i> , 2018, 130, 7885-7889.	2.0	24
31	Intraparticle FRET for Enhanced Efficiency of Twoâ€œPhoton Activated Photodynamic Therapy. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701357.	7.6	22
32	Unidirectional Branching Growth of Dipeptide Single Crystals for Remote Light Multiplication and Collection. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 31-36.	8.0	18
33	Biomimetic mesoporous polydopamine nanoparticles for MRI-guided photothermal-enhanced synergistic cascade chemodynamic cancer therapy. <i>Nano Research</i> , 2022, 15, 5262-5272.	10.4	17
34	Disassembly and reassembly of diphenylalanine crystals through evaporation of solvent. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 661-666.	9.4	12
35	Two-photon excited peptide nanodrugs for precise photodynamic therapy. <i>Chemical Communications</i> , 2021, 57, 2245-2248.	4.1	11
36	Hyperbranched Polyglycerol-Induced Porous Silica Nanoparticles as Drug Carriers for Cancer Therapy Inâ€œVivo and Inâ€œVivo. <i>ChemistryOpen</i> , 2017, 6, 158-164.	1.9	10

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37	Supramolecularly Assembled Nanocomposites as Biomimetic Chloroplasts for Enhancement of Photophosphorylation. <i>Angewandte Chemie</i> , 2019, 131, 806-810.	2.0	10
38	Peptide p160 Coated Silica Nanoparticles Applied in Photodynamic Therapy. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2126-2131.	3.3	9
39	Preparation of multicompart ment silica-gelatin nanoparticles with self-decomposability as drug containers for cancer therapy in vitro. <i>RSC Advances</i> , 2016, 6, 70064-70071.	3.6	5
40	Biological Macrocycle: Supramolecular Hydrophobic Guest Transport System Based on Nanodiscs with Photodynamic Activity. <i>Langmuir</i> , 2019, 35, 7824-7829.	3.5	5
41	Assembled Nanocomplex for Improving Photodynamic Therapy through Intraparticle Fluorescence Resonance Energy Transfer. <i>Chemistry - an Asian Journal</i> , 2018, 13, 3540-3546.	3.3	4
42	Multilayer Microcapsules for FRET Analysis and Two Photon Activated Photodynamic Therapy. <i>Angewandte Chemie</i> , 2016, 128, 13736-13741.	2.0	3
43	Biomedical Applications: Construction and Evaluation of Hemoglobin-Based Capsules as Blood Substitutes (<i>Adv. Funct. Mater.</i> 7/2012). <i>Advanced Functional Materials</i> , 2012, 22, 1445-1445.	14.9	0