Yu Gao

List of Publications by Year in descending order

59 papers	2,282 citations	186265 28 h-index	223800 46 g-index
61 all docs	61 docs citations	61 times ranked	3307 citing authors

#	Article	IF	Citations
1	Tri-component programmable nanoregulator with Three-pronged penetration boosts immunotherapy of Triple-Negative breast cancer. Chemical Engineering Journal, 2022, 439, 135712.	12.7	17
2	Direct Câ€“H functionalization of tetrahydro-Î³-carbolines at the Î±-position. New Journal of Chemistry, 2022, 46, 9511-9514.	2.8	1
3	Chemical Modification of Chitosan for Developing Cancer Nanotheranostics. Biomacromolecules, 2022, 23, 2197-2218.	5.4	24
4	Facile preparation of indocyanine green and tiny gold nanoclusters co-loaded nanocapsules for targeted synergistic sono-/photo-therapy. Journal of Colloid and Interface Science, 2022, 627, 596-609.	9.4	15
5	Diverse Functionalization of Tetrahydro-Î²-carbolines or Tetrahydro-Î³-carbolines via Oxidative Coupling Rearrangement. Journal of Organic Chemistry, 2021, 86, 794-812.	3.2	11
6	Isochromanoindolenines suppress triple-negative breast cancer cell proliferation partially via inhibiting Akt activation. International Journal of Biological Sciences, 2021, 17, 986-994.	6.4	2
7	Cuâ€Catalyzed Aerobic Oxidative Coupling of Tetrahydroâ€Î²â€carbolines with Indoles. ChemistrySelect, 2021, 6, 6272-6274.	1.5	1
8	Recent progress in sono-photodynamic cancer therapy: From developed new sensitizers to nanotechnology-based efficacy-enhancing strategies. Acta Pharmaceutica Sinica B, 2021, 11, 2197-2219.	12.0	71
9	Convenient Tuning of the Elasticity of Self-Assembled Nano-Sized Triterpenoids to Regulate Their Biological Activities. ACS Applied Materials & Interfaces, 2021, 13, 44065-44078.	8.0	8
10	A nanosensitizer self-assembled from oleanolic acid and chlorin e6 for synergistic chemo/sono-photodynamic cancer therapy. Phytomedicine, 2021, 93, 153788.	5.3	20
11	An intelligent hypoxia-relieving chitosan-based nanoplatform for enhanced targeted chemo-sonodynamic combination therapy on lung cancer. Carbohydrate Polymers, 2021, 274, 118655.	10.2	20
12	Co-delivery of gefitinib and hematoporphyrin by aptamer-modified fluorinated dendrimer for hypoxia alleviation and enhanced synergistic chemo-photodynamic therapy of NSCLC. European Journal of Pharmaceutical Sciences, 2021, 167, 106004.	4.0	15
13	Nanoparticle-based drug delivery systems for controllable photodynamic cancer therapy. European Journal of Pharmaceutical Sciences, 2020, 144, 105213.	4.0	67
14	Construction of Bisindolines via Oxidative Coupling Cyclization. Organic Letters, 2020, 22, 116-119.	4.6	9
15	Molecular targeted nanotheranostics for future individualized cancer treatment. Expert Opinion on Drug Delivery, 2020, 17, 1059-1062.	5.0	9
16	Near-infrared/pH dual-responsive nanocomplexes for targeted imaging and chemo/gene/photothermal tri-therapies of non-small cell lung cancer. Acta Biomaterialia, 2020, 107, 242-259.	8.3	45
17	Hypoxia/pH dual-responsive nitroimidazole-modified chitosan/rose bengal derivative nanoparticles for enhanced photodynamic anticancer therapy. Dyes and Pigments, 2020, 179, 108395.	3.7	16
18	Manipulation of Water for Diversified Functionalization of Tetrahydro-Î²-carbolines (THÎ²Cs) with Indoles. Organic Letters, 2019, 21, 6160-6163.	4.6	13

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19	Synthesis and potent cytotoxic activity of a novel diosgenin derivative and its phytosomes against lung cancer cells. Beilstein Journal of Nanotechnology, 2019, 10, 1933-1942.	2.8	27
20	Oxidation of Tetrahydro-Î²-carbolines by Persulfate. Organic Letters, 2019, 21, 7475-7477.	4.6	11
21	Stabilization of Transient 3-Chloroindolenines Enables Diverse Functionalization. Organic Letters, 2019, 21, 8884-8887.	4.6	6
22	Indocyanine green-encapsulated erlotinib modified chitosan nanoparticles for targeted chemo-photodynamic therapy of lung cancer cells. Dyes and Pigments, 2019, 170, 107588.	3.7	21
23	Dual-responsive nanosystem for precise molecular subtyping and resistant reversal of EGFR targeted therapy. Chemical Engineering Journal, 2019, 372, 483-495.	12.7	32
24	A Direct Approach to 3â€Azoâ€Substituted 2â€Oxindoles at Room Temperature by Nickelâ€Catalyzed Oxidative Coupling Reaction. Asian Journal of Organic Chemistry, 2019, 8, 475-478.	2.7	1
25	Eliminating blood oncogenic exosomes into the small intestine with aptamer-functionalized nanoparticles. Nature Communications, 2019, 10, 5476.	12.8	68
26	Facile access to evodiakine enabled by aerobic copper-catalyzed oxidative rearrangement. Organic and Biomolecular Chemistry, 2019, 17, 8811-8815.	2.8	3
27	Catalytic Oxidative Coupling Cyclization for Construction of Benzofuroindolenines under Mild Reaction Conditions. Advanced Synthesis and Catalysis, 2019, 361, 432-435.	4.3	16
28	S-Nitrosocaptopril prevents cancer metastasis in vivo by creating the hostile bloodstream microenvironment against circulating tumor cells. Pharmacological Research, 2019, 139, 535-549.	7.1	20
29	Recent developments of nanotherapeutics for targeted and long-acting, combination HIV chemotherapy. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 138, 75-91.	4.3	36
30	A hematoporphyrin and indocyanine green co-delivery system with NIR triggered-controllable photoactivities for photodynamic therapy. Dyes and Pigments, 2018, 154, 8-20.	3.7	15
31	Discovery of novel mifepristone derivatives via suppressing KLF5 expression for the treatment of triple-negative breast cancer. European Journal of Medicinal Chemistry, 2018, 146, 354-367.	5.5	16
32	Translation of combination nanodrugs into nanomedicines: lessons learned and future outlook. Journal of Drug Targeting, 2018, 26, 435-447.	4.4	26
33	Erlotinib-Guided Self-Assembled Trifunctional Click Nanotheranostics for Distinguishing Druggable Mutations and Synergistic Therapy of Nonsmall Cell Lung Cancer. Molecular Pharmaceutics, 2018, 15, 5146-5161.	4.6	32
34	Comparisons between Graphene Oxide and Graphdiyne Oxide in Physicochemistry Biology and Cytotoxicity. ACS Applied Materials & Interfaces, 2018, 10, 32946-32954.	8.0	58
35	Chloroquine in combination with aptamer-modified nanocomplexes for tumor vessel normalization and efficient erlotinib/Survivin shRNA co-delivery to overcome drug resistance in EGFR-mutated non-small cell lung cancer. Acta Biomaterialia, 2018, 76, 257-274.	8.3	58
36	In vivo inhibition of circulating tumor cells by two apoptosis-promoting circular aptamers with enhanced specificity. Journal of Controlled Release, 2018, 280, 99-112.	9.9	25

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37	Biomimetic Oxidative Coupling Cyclization Enabling Rapid Construction of Isochromanoindolenines. Organic Letters, 2018, 20, 5457-5460.	4.6	37
38	Construction and biological evaluation of different self-assembled nanoarchitectures of FZU-03,010. European Journal of Pharmaceutical Sciences, 2018, 121, 382-391.	4.0	2
39	Role of generation on folic acid-modified poly(amidoamine) dendrimers for targeted delivery of baicalin to cancer cells. Materials Science and Engineering C, 2017, 75, 182-190.	7.3	39
40	Aptamer-Conjugated Chitosan-Anchored Liposomal Complexes for Targeted Delivery of Erlotinib to EGFR-Mutated Lung Cancer Cells. AAPS Journal, 2017, 19, 814-826.	4.4	46
41	A novel nanomissile targeting two biomarkers and accurately bombing CTCs with doxorubicin. Nanoscale, 2017, 9, 5624-5640.	5.6	27
42	Folate and Heptamethine Cyanine Modified Chitosan-Based Nanotheranostics for Tumor Targeted Near-Infrared Fluorescence Imaging and Photodynamic Therapy. Biomacromolecules, 2017, 18, 2146-2160.	5.4	33
43	Acetic Acid Accelerated Visibleâ€Light Photoredox Catalyzed Nâ€Demethylation of N,Nâ€Dimethylaminophenyl Derivatives. Advanced Synthesis and Catalysis, 2017, 359, 687-692.	4.3	26
44	Oxidative Rearrangement Coupling Reaction for the Functionalization of Tetrahydroâ€Î²â€carbolines with Aromatic Amines. Angewandte Chemie - International Edition, 2017, 56, 14968-14972.	13.8	36
45	Co-delivery of oxygen and erlotinib by aptamer-modified liposomal complexes to reverse hypoxia-induced drug resistance in lung cancer. Biomaterials, 2017, 145, 56-71.	11.4	129
46	Biostable Aptamer Rings Conjugated for Targeting Two Biomarkers on Circulating Tumor Cells in Vivo with Great Precision. Chemistry of Materials, 2017, 29, 10312-10325.	6.7	31
47	Chitosan-based nanoparticles for improved anticancer efficacy and bioavailability of mifepristone. Beilstein Journal of Nanotechnology, 2016, 7, 1861-1870.	2.8	57
48	The Architecture and Function of Monoclonal Antibodyâ€Functionalized Mesoporous Silica Nanoparticles Loaded with Mifepristone: Repurposing Abortifacient for Cancer Metastatic Chemoprevention. Small, 2016, 12, 2595-2608.	10.0	41
49	EpCAM aptamer-functionalized mesoporous silica nanoparticles for efficient colon cancer cell-targeted drug delivery. European Journal of Pharmaceutical Sciences, 2016, 83, 28-35.	4.0	146
50	Aspirin, lysine, mifepristone and doxycycline combined can effectively and safely prevent and treat cancer metastasis: prevent seeds from gemmating on soil. Oncotarget, 2015, 6, 35157-35172.	1.8	35
51	Self-assembled chitosan/rose bengal derivative nanoparticles for targeted sonodynamic therapy: preparation and tumor accumulation. RSC Advances, 2015, 5, 17915-17923.	3.6	19
52	Dendrimeric anticancer prodrugs for targeted delivery of ursolic acid to folate receptor-expressing cancer cells: Synthesis and biological evaluation. European Journal of Pharmaceutical Sciences, 2015, 70, 55-63.	4.0	64
53	Enhanced Specificity in Capturing and Restraining Circulating Tumor Cells with Dual Antibodyâ€“Dendrimer Conjugates. Advanced Functional Materials, 2015, 25, 1304-1313.	14.9	40
54	Ex vivo and in vivo capture and deactivation of circulating tumor cells by dual-antibody-coated nanomaterials. Journal of Controlled Release, 2015, 209, 159-169.	9.9	33

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55	Drug enterohepatic circulation and disposition: constituents of systems pharmacokinetics. Drug Discovery Today, 2014, 19, 326-340.	6.4	44
56	Nanotechnology-based intelligent drug design for cancer metastasis treatment. Biotechnology Advances, 2014, 32, 761-777.	11.7	151
57	Recent progress in development of new sonosensitizers for sonodynamic cancer therapy. Drug Discovery Today, 2014, 19, 502-509.	6.4	280
58	Nitric Oxide Inhibits Hetero-adhesion of Cancer Cells to Endothelial Cells: Restraining Circulating Tumor Cells from Initiating Metastatic Cascade. Scientific Reports, 2014, 4, 4344.	3.3	64
59	Synthesis of 6-N,N,N-Trimethyltriazole Chitosan via â€œClick Chemistryâ€•and Evaluation for Gene Delivery. Biomacromolecules, 2009, 10, 2175-2182.	5.4	65