

Yu Gao

List of Publications by Year in Descending Order

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Version: 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56
papers

1,546
citations

23
h-index

38
g-index

61
ext. papers

1,903
ext. citations

7.7
avg, IF

4.76
L-index

#	Paper	IF	Citations
56	Tri-component programmable nanoregulator with Three-pronged penetration boosts immunotherapy of Triple-Negative breast cancer. <i>Chemical Engineering Journal</i> , 2022 , 439, 135712	14.7	2
55	Cu-Catalyzed Aerobic Oxidative Coupling of Tetrahydro- β -carboline with Indoles. <i>ChemistrySelect</i> , 2021 , 6, 6272-6274	1.8	0
54	Diverse Functionalization of Tetrahydro- β -carboline or Tetrahydro- β -carboline via Oxidative Coupling Rearrangement. <i>Journal of Organic Chemistry</i> , 2021 , 86, 794-812	4.2	6
53	Isochromanoidolenines suppress triple-negative breast cancer cell proliferation partially via inhibiting Akt activation. <i>International Journal of Biological Sciences</i> , 2021 , 17, 986-994	11.2	1
52	Recent progress in sono-photodynamic cancer therapy: From developed new sensitizers to nanotechnology-based efficacy-enhancing strategies. <i>Acta Pharmaceutica Sinica B</i> , 2021 , 11, 2197-2219	15.5	9
51	Convenient Tuning of the Elasticity of Self-Assembled Nano-Sized Triterpenoids to Regulate Their Biological Activities. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 44065-44078	9.5	2
50	A nanosensitizer self-assembled from oleanolic acid and chlorin e6 for synergistic chemo/sono-photodynamic cancer therapy. <i>Phytomedicine</i> , 2021 , 93, 153788	6.5	3
49	An intelligent hypoxia-relieving chitosan-based nanoplatfor for enhanced targeted chemo-sonodynamic combination therapy on lung cancer. <i>Carbohydrate Polymers</i> , 2021 , 274, 118655	10.3	6
48	Co-delivery of gefitinib and hematoporphyrin by aptamer-modified fluorinated dendrimer for hypoxia alleviation and enhanced synergistic chemo-photodynamic therapy of NSCLC. <i>European Journal of Pharmaceutical Sciences</i> , 2021 , 167, 106004	5.1	4
47	Near-infrared/pH dual-responsive nanocomplexes for targeted imaging and chemo/gene/photothermal tri-therapies of non-small cell lung cancer. <i>Acta Biomaterialia</i> , 2020 , 107, 242-259	10.8	22
46	Nanoparticle-based drug delivery systems for controllable photodynamic cancer therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2020 , 144, 105213	5.1	36
45	Construction of Bisindolines via Oxidative Coupling Cyclization. <i>Organic Letters</i> , 2020 , 22, 116-119	6.2	5
44	Hypoxia/pH dual-responsive nitroimidazole-modified chitosan/rose bengal derivative nanoparticles for enhanced photodynamic anticancer therapy. <i>Dyes and Pigments</i> , 2020 , 179, 108395	4.6	8
43	Oxidation of Tetrahydro- β -carboline by Persulfate. <i>Organic Letters</i> , 2019 , 21, 7475-7477	6.2	6
42	Stabilization of Transient 3-Chloroindolenines Enables Diverse Functionalization. <i>Organic Letters</i> , 2019 , 21, 8884-8887	6.2	5
41	Indocyanine green-encapsulated erlotinib modified chitosan nanoparticles for targeted chemo-photodynamic therapy of lung cancer cells. <i>Dyes and Pigments</i> , 2019 , 170, 107588	4.6	14
40	Dual-responsive nanosystem for precise molecular subtyping and resistant reversal of EGFR targeted therapy. <i>Chemical Engineering Journal</i> , 2019 , 372, 483-495	14.7	20

39	A Direct Approach to 3-Azo-Substituted 2-Oxindoles at Room Temperature by Nickel-Catalyzed Oxidative Coupling Reaction. <i>Asian Journal of Organic Chemistry</i> , 2019 , 8, 475-478	3	1
38	Manipulation of Water for Diversified Functionalization of Tetrahydro- β -carboline (TH β s) with Indoles. <i>Organic Letters</i> , 2019 , 21, 6160-6163	6.2	9
37	Synthesis and potent cytotoxic activity of a novel diosgenin derivative and its phytosomes against lung cancer cells. <i>Beilstein Journal of Nanotechnology</i> , 2019 , 10, 1933-1942	3	16
36	Eliminating blood oncogenic exosomes into the small intestine with aptamer-functionalized nanoparticles. <i>Nature Communications</i> , 2019 , 10, 5476	17.4	39
35	Facile access to evodiakine enabled by aerobic copper-catalyzed oxidative rearrangement. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 8811-8815	3.9	2
34	Catalytic Oxidative Coupling Cyclization for Construction of Benzofuroindolenines under Mild Reaction Conditions. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 432-435	5.6	13
33	S-Nitrosocaptopril prevents cancer metastasis in vivo by creating the hostile bloodstream microenvironment against circulating tumor cells. <i>Pharmacological Research</i> , 2019 , 139, 535-549	10.2	10
32	Recent developments of nanotherapeutics for targeted and long-acting, combination HIV chemotherapy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 138, 75-91	5.7	28
31	A hematoporphyrin and indocyanine green co-delivery system with NIR triggered-controllable photoactivities for photodynamic therapy. <i>Dyes and Pigments</i> , 2018 , 154, 8-20	4.6	13
30	Discovery of novel mifepristone derivatives via suppressing KLF5 expression for the treatment of triple-negative breast cancer. <i>European Journal of Medicinal Chemistry</i> , 2018 , 146, 354-367	6.8	14
29	Translation of combination nanodrugs into nanomedicines: lessons learned and future outlook. <i>Journal of Drug Targeting</i> , 2018 , 26, 435-447	5.4	21
28	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. <i>Acta Biomaterialia</i> , 2018 , 76, 257-274	10.8	40
27	In vivo inhibition of circulating tumor cells by two apoptosis-promoting circular aptamers with enhanced specificity. <i>Journal of Controlled Release</i> , 2018 , 280, 99-112	11.7	14
26	Biomimetic Oxidative Coupling Cyclization Enabling Rapid Construction of Isochromanoindolenines. <i>Organic Letters</i> , 2018 , 20, 5457-5460	6.2	22
25	Construction and biological evaluation of different self-assembled nanoarchitectures of FZU-03,010. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 121, 382-391	5.1	2
24	Erlotinib-Guided Self-Assembled Trifunctional Click Nanotheranostics for Distinguishing Druggable Mutations and Synergistic Therapy of Nonsmall Cell Lung Cancer. <i>Molecular Pharmaceutics</i> , 2018 , 15, 5146-5161	5.6	19
23	Comparisons between Graphene Oxide and Graphdiyne Oxide in Physicochemistry Biology and Cytotoxicity. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 32946-32954	9.5	30
22	Role of generation on folic acid-modified poly(amidoamine) dendrimers for targeted delivery of baicalin to cancer cells. <i>Materials Science and Engineering C</i> , 2017 , 75, 182-190	8.3	27

21	Aptamer-Conjugated Chitosan-Anchored Liposomal Complexes for Targeted Delivery of Erlotinib to EGFR-Mutated Lung Cancer Cells. <i>AAPS Journal</i> , 2017 , 19, 814-826	3.7	27
20	A novel nanomissile targeting two biomarkers and accurately bombing CTCs with doxorubicin. <i>Nanoscale</i> , 2017 , 9, 5624-5640	7.7	22
19	Folate and Heptamethine Cyanine Modified Chitosan-Based Nanotheranostics for Tumor Targeted Near-Infrared Fluorescence Imaging and Photodynamic Therapy. <i>Biomacromolecules</i> , 2017 , 18, 2146-2160	6.9	25
18	Acetic Acid Accelerated Visible-Light Photoredox Catalyzed N-Demethylation of N,N-Dimethylaminophenyl Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 687-692	5.6	20
17	Oxidative Rearrangement Coupling Reaction for the Functionalization of Tetrahydro- β -carboline with Aromatic Amines. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14968-14972	16.4	28
16	Co-delivery of oxygen and erlotinib by aptamer-modified liposomal complexes to reverse hypoxia-induced drug resistance in lung cancer. <i>Biomaterials</i> , 2017 , 145, 56-71	15.6	91
15	Biostable Aptamer Rings Conjugated for Targeting Two Biomarkers on Circulating Tumor Cells in Vivo with Great Precision. <i>Chemistry of Materials</i> , 2017 , 29, 10312-10325	9.6	26
14	The Architecture and Function of Monoclonal Antibody-Functionalized Mesoporous Silica Nanoparticles Loaded with Mifepristone: Repurposing Abortifacient for Cancer Metastatic Chemoprevention. <i>Small</i> , 2016 , 12, 2595-608	11	32
13	EpCAM aptamer-functionalized mesoporous silica nanoparticles for efficient colon cancer cell-targeted drug delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 83, 28-35	5.1	109
12	Chitosan-based nanoparticles for improved anticancer efficacy and bioavailability of mifepristone. <i>Beilstein Journal of Nanotechnology</i> , 2016 , 7, 1861-1870	3	37
11	Enhanced Specificity in Capturing and Restraining Circulating Tumor Cells with Dual Antibody-Dendrimer Conjugates. <i>Advanced Functional Materials</i> , 2015 , 25, 1304-1313	15.6	36
10	Ex vivo and in vivo capture and deactivation of circulating tumor cells by dual-antibody-coated nanomaterials. <i>Journal of Controlled Release</i> , 2015 , 209, 159-69	11.7	30
9	Aspirin, lysine, mifepristone and doxycycline combined can effectively and safely prevent and treat cancer metastasis: prevent seeds from gemmating on soil. <i>Oncotarget</i> , 2015 , 6, 35157-72	3.3	32
8	Self-assembled chitosan/rose bengal derivative nanoparticles for targeted sonodynamic therapy: preparation and tumor accumulation. <i>RSC Advances</i> , 2015 , 5, 17915-17923	3.7	15
7	Dendrimeric anticancer prodrugs for targeted delivery of ursolic acid to folate receptor-expressing cancer cells: synthesis and biological evaluation. <i>European Journal of Pharmaceutical Sciences</i> , 2015 , 70, 55-63	5.1	56
6	Drug enterohepatic circulation and disposition: constituents of systems pharmacokinetics. <i>Drug Discovery Today</i> , 2014 , 19, 326-40	8.8	39
5	Nanotechnology-based intelligent drug design for cancer metastasis treatment. <i>Biotechnology Advances</i> , 2014 , 32, 761-77	17.8	131
4	Recent progress in development of new sonosensitizers for sonodynamic cancer therapy. <i>Drug Discovery Today</i> , 2014 , 19, 502-9	8.8	197

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| 3 | Nitric oxide inhibits hetero-adhesion of cancer cells to endothelial cells: restraining circulating tumor cells from initiating metastatic cascade. <i>Scientific Reports</i> , 2014 , 4, 4344 | 4.9 | 58 |
| 2 | Synthesis of 6-N,N,N-trimethyltriazole chitosan via "click chemistry" and evaluation for gene delivery. <i>Biomacromolecules</i> , 2009 , 10, 2175-82 | 6.9 | 62 |
| 1 | Direct C ₄ functionalization of tetrahydro- β -carbolines at the β position. <i>New Journal of Chemistry</i> , | 3.6 | |