Haijun Chen

List of Publications by Citations

75 papers	1,909 citations	24 h-index	42 g-index
78 ext. papers	2,252 ext. citations	5.8 avg, IF	4.77 L-index

#	Paper	IF	Citations
75	Recent progress in development of new sonosensitizers for sonodynamic cancer therapy. *Drug Discovery Today*, **2014**, 19, 502-9	8.8	197
74	Nanotechnology-based intelligent drug design for cancer metastasis treatment. *Biotechnology Advances*, **2014**, 32, 761-77	17.8	131
73	Evolution in medicinal chemistry of ursolic acid derivatives as anticancer agents. *European Journal of Medicinal Chemistry*, **2015**, 92, 648-55	6.8	94
72	Discovery of -Alkylamino Tethered Niclosamide Derivatives as Potent and Orally Bioavailable Anticancer Agents. *ACS Medicinal Chemistry Letters*, **2013**, 4, 180-185	4.3	85
71	Mifepristone Suppresses Basal Triple-Negative Breast Cancer Stem Cells by Down-regulating KLF5 Expression. *Theranostics*, **2016**, 6, 533-44	12.1	82
70	Evolutions in fragment-based drug design: the deconstruction-reconstruction approach. *Drug Discovery Today*, **2015**, 20, 105-13	8.8	80
69	Exploring therapeutic potentials of baicalin and its aglycone baicalein for hematological malignancies. *Cancer Letters*, **2014**, 354, 5-11	9.9	77
68	Biochemical and pharmacological characterizations of ESI-09 based EPAC inhibitors: defining the ESI-09 "therapeutic window". *Scientific Reports*, **2015**, 5, 9344	4.9	74
67	Fragment-based drug design and identification of HJC0123, a novel orally bioavailable STAT3 inhibitor for cancer therapy. *European Journal of Medicinal Chemistry*, **2013**, 62, 498-507	6.8	74
66	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	5.1	56
65	Identification and characterization of small molecules as potent and specific EPAC2 antagonists. *Journal of Medicinal Chemistry*, **2013**, 56, 952-62	8.3	55
64	Targeting Krüppel-like factor 5 (KLF5) for cancer therapy. *Current Topics in Medicinal Chemistry*, **2015**, 15, 699-713	3	51
63	5-Cyano-6-oxo-1,6-dihydro-pyrimidines as potent antagonists targeting exchange proteins directly activated by cAMP. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 4038-43	2.9	47
62	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	10.8	40
61	Discovery of potent anticancer agent HJC0416, an orally bioavailable small molecule inhibitor of signal transducer and activator of transcription 3 (STAT3). *European Journal of Medicinal Chemistry*, **2014**, 82, 195-203	6.8	39
60	Chitosan-based nanoparticles for improved anticancer efficacy and bioavailability of mifepristone. *Beilstein Journal of Nanotechnology*, **2016**, 7, 1861-1870	3	37
59	Recent advances in the discovery of small molecules targeting exchange proteins directly activated by cAMP (EPAC). *Journal of Medicinal Chemistry*, **2014**, 57, 3651-65	8.3	34

58	Structure-Activity Relationship Studies of Substituted 2-(Isoxazol-3-yl)-2-oxo-NSphenyl-acetohydrazonoyl Cyanide Analogues: Identification of Potent Exchange Proteins Directly Activated by cAMP (EPAC) Antagonists. *Journal of Medicinal Chemistry*, **2015**, 58, 6033-47	8.3	31
57	Efficient Synthesis of ESI-09, A Novel Non-cyclic Nucleotide EPAC Antagonist. *Tetrahedron Letters*, **2013**, 54, 1546-1549	2	30
56	Oxidative Rearrangement Coupling Reaction for the Functionalization of Tetrahydro-β-carbolines with Aromatic Amines. *Angewandte Chemie - International Edition*, **2017**, 56, 14968-14972	16.4	28
55	Design, synthesis, and characterization of novel apigenin analogues that suppress pancreatic stellate cell proliferation in vitro and associated pancreatic fibrosis in vivo. *Bioorganic and Medicinal Chemistry*, **2014**, 22, 3393-404	3.4	28
54	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	8.3	27
53	Folate and Heptamethine Cyanine Modified Chitosan-Based Nanotheranostics for Tumor Targeted Near-Infrared Fluorescence Imaging and Photodynamic Therapy. *Biomacromolecules*, **2017**, 18, 2146-2160	6.9	25
52	Monascus Pigment Rubropunctatin: A Potential Dual Agent for Cancer Chemotherapy and Phototherapy. *Journal of Agricultural and Food Chemistry*, **2016**, 64, 2541-8	5.7	24
51	Ursolic acid derivative FZU-03,010 inhibits STAT3 and induces cell cycle arrest and apoptosis in renal and breast cancer cells. *Acta Biochimica Et Biophysica Sinica*, **2017**, 49, 367-373	2.8	23
50	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	10.8	22
49	Biomimetic Oxidative Coupling Cyclization Enabling Rapid Construction of Isochromanoindolenines. *Organic Letters*, **2018**, 20, 5457-5460	6.2	22
48	STAT3 Inhibition Suppresses Hepatic Stellate Cell Fibrogenesis: HJC0123, a Potential Therapeutic Agent for Liver Fibrosis. *RSC Advances*, **2016**, 6, 100652-100663	3.7	21
47	A combined bioinformatics and chemoinformatics approach for developing asymmetric bivalent AMPA receptor positive allosteric modulators as neuroprotective agents. *ChemMedChem*, **2013**, 8, 226-30	3.7	21
46	Acetic Acid Accelerated Visible-Light Photoredox Catalyzed N-Demethylation of N,N-Dimethylaminophenyl Derivatives. *Advanced Synthesis and Catalysis*, **2017**, 359, 687-692	5.6	20
45	Dual-responsive nanosystem for precise molecular subtyping and resistant reversal of EGFR targeted therapy. *Chemical Engineering Journal*, **2019**, 372, 483-495	14.7	20
44	Design, synthesis and biological evaluation of a novel Cu2+-selective fluorescence sensor for bio-detection and chelation. *RSC Advances*, **2015**, 5, 80110-80117	3.7	19
43	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	5.6	19
42	STAT3 modulation to enhance motor neuron differentiation in human neural stem cells. *PLoS ONE*, **2014**, 9, e100405	3.7	18
41	Scaffold Repurposing of Old Drugs Towards New Cancer Drug Discovery. *Current Topics in Medicinal Chemistry*, **2016**, 16, 2107-14	3	18

40	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	3	16
39	Self-assembled chitosan/rose bengal derivative nanoparticles for targeted sonodynamic therapy: preparation and tumor accumulation. *RSC Advances*, **2015**, 5, 17915-17923	3.7	15
38	Indocyanine green-encapsulated erlotinib modified chitosan nanoparticles for targeted chemo-photodynamic therapy of lung cancer cells. *Dyes and Pigments*, **2019**, 170, 107588	4.6	14
37	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	6.8	14
36	Challenges and Opportunities from Basic Cancer Biology for Nanomedicine for Targeted Drug Delivery. *Current Cancer Drug Targets*, **2019**, 19, 257-276	2.8	13
35	Catalytic Oxidative Coupling Cyclization for Construction of Benzofuroindolenines under Mild Reaction Conditions. *Advanced Synthesis and Catalysis*, **2019**, 361, 432-435	5.6	13
34	One-pot synthesis of tricyclo-1,4-benzoxazines via visible-light photoredox catalysis in continuous flow. *Tetrahedron Letters*, **2017**, 58, 1395-1398	2	12
33	Synthesis and structure-activity relationship studies of MI-2 analogues as MALT1 inhibitors. *Bioorganic and Medicinal Chemistry*, **2018**, 26, 3321-3344	3.4	11
32	AMPA receptor positive allosteric modulators attenuate morphine tolerance and dependence. *Neuropharmacology*, **2018**, 137, 50-58	5.5	9
31	Manipulation of Water for Diversified Functionalization of Tetrahydro-β-carbolines (THβCs) with Indoles. *Organic Letters*, **2019**, 21, 6160-6163	6.2	9
30	A novel synthetic ursolic acid derivative inhibits growth and induces apoptosis in breast cancer cell lines. *Oncology Letters*, **2018**, 15, 2323-2329	2.6	9
29	Discovery of FZU-03,010 as a self-assembling anticancer amphiphile for acute myeloid leukemia. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 1007-1011	2.9	8
28	Mifepristone Derivative FZU-00,003 Suppresses Triple-negative Breast Cancer Cell Growth partially via miR-153-KLF5 axis. *International Journal of Biological Sciences*, **2020**, 16, 611-619	11.2	8
27	Hypoxia/pH dual-responsive nitroimidazole-modified chitosan/rose bengal derivative nanoparticles for enhanced photodynamic anticancer therapy. *Dyes and Pigments*, **2020**, 179, 108395	4.6	8
26	Oxidative Rearrangement Coupling Reaction for the Functionalization of Tetrahydro-β-carbolines with Aromatic Amines. *Angewandte Chemie*, **2017**, 129, 15164-15168	3.6	6
25	Oxidation of Tetrahydro-β-carbolines by Persulfate. *Organic Letters*, **2019**, 21, 7475-7477	6.2	6
24	E35 ablates acute leukemia stem and progenitor cells in vitro and in vivo. *Journal of Cellular Physiology*, **2020**, 235, 8023-8034	7	6
23	Diverse Functionalization of Tetrahydro-β-carbolines or Tetrahydro-β-carbolines via Oxidative Coupling Rearrangement. *Journal of Organic Chemistry*, **2021**, 86, 794-812	4.2	6

22	Discovery of novel negletein derivatives as potent anticancer agents for acute myeloid leukemia. *Chemical Biology and Drug Design*, **2018**, 91, 924-932	2.9	6
21	An intelligent hypoxia-relieving chitosan-based nanoplatform for enhanced targeted chemo-sonodynamic combination therapy on lung cancer. *Carbohydrate Polymers*, **2021**, 274, 118655	10.3	6
20	Stabilization of Transient 3-Chloroindolenines Enables Diverse Functionalization. *Organic Letters*, **2019**, 21, 8884-8887	6.2	5
19	Development of a Concise Synthetic Approach to Access Oroxin A. *RSC Advances*, **2014**, 4, 45151-45154	3.7	5
18	Construction of Bisindolines via Oxidative Coupling Cyclization. *Organic Letters*, **2020**, 22, 116-119	6.2	5
17	Synthesis of metapristone through an efficient N-demethylation of mifepristone. *RSC Advances*, **2016**, 6, 7195-7197	3.7	4
16	Nickel-Catalyzed C-O Cross-Coupling Reaction at Low Catalytic Loading with Weak Base Participation. *European Journal of Organic Chemistry*, **2020**, 2020, 519-522	3.2	4
15	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	5.1	4
14	Synthesis and structure-activity relationship studies of LLY-507 analogues as SMYD2 inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2020**, 30, 127598	2.9	3
13	Doxorubicin/Nucleophosmin Binding Protein-Conjugated Nanoparticle Enhances Anti-leukemia Activity in Acute Lymphoblastic Leukemia Cells and. *Frontiers in Pharmacology*, **2021**, 12, 607755	5.6	3
12	Construction and biological evaluation of different self-assembled nanoarchitectures of FZU-03,010. *European Journal of Pharmaceutical Sciences*, **2018**, 121, 382-391	5.1	2
11	Facile access to evodiakine enabled by aerobic copper-catalyzed oxidative rearrangement. *Organic and Biomolecular Chemistry*, **2019**, 17, 8811-8815	3.9	2
10	Convenient Tuning of the Elasticity of Self-Assembled Nano-Sized Triterpenoids to Regulate Their Biological Activities. *ACS Applied Materials & Interfaces*, **2021**, 13, 44065-44078	9.5	2
9	Tri-component programmable nanoregulator with Three-pronged penetration boosts immunotherapy of Triple-Negative breast cancer. *Chemical Engineering Journal*, **2022**, 439, 135712	14.7	2
8	A Direct Approach to 3-Azo-Substituted 2-Oxindoles at Room Temperature by Nickel-Catalyzed Oxidative Coupling Reaction. *Asian Journal of Organic Chemistry*, **2019**, 8, 475-478	3	1
7	Pyrrolo [3,4-]-quinolin-9-amine compound FZU-0038-056 suppresses triple-negative breast cancer partially through inhibiting the expression of Bcl-2. *Aging*, **2020**, 12, 9621-9632	5.6	1
6	Isochromanoindolenines suppress triple-negative breast cancer cell proliferation partially via inhibiting Akt activation. *International Journal of Biological Sciences*, **2021**, 17, 986-994	11.2	1
5	pigment rubropunctatin derivative FZU-H reduces A[1-42)-induced neurotoxicity in Neuro-2A cells.. *RSC Advances*, **2018**, 8, 17389-17398	3.7	0

4	Cu-Catalyzed Aerobic Oxidative Coupling of Tetrahydro-β-carbolines with Indoles. *ChemistrySelect*, **2021**, 6, 6272-6274	1.8	0
3	Adriamycin/Nucleophosmin Binding Protein-Conjugated Nanoparticle (ADR-PMs-NPMBP) Enhances Anti-Leukemia Activities of Adriamycin in Acute Lymphoblastic Leukemia Cells. *Blood*, **2020**, 136, 16-16	2.2	
2	Biochemical and Pharmacological Characterizations of ESI-09 based EPAC inhibitors. *FASEB Journal*, **2015**, 29, 1022.4	0.9	
1	Direct C–H functionalization of tetrahydro-β-carbolines at the β-position. *New Journal of Chemistry*,	3.6	