Haijun Chen

List of Publications by Year
in descending order

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77 papers	2,568 citations	185998 28 h-index	197535 49 g-index
78 all docs	78 docs citations	78 times ranked	3976 citing authors

#	Article	IF	Citations
1	Recent progress in development of new sonosensitizers for sonodynamic cancer therapy. Drug Discovery Today, 2014, 19, 502-509.	3.2	280
2	Nanotechnology-based intelligent drug design for cancer metastasis treatment. Biotechnology Advances, 2014, 32, 761-777.	6.0	151
3	Evolution in medicinal chemistry of ursolic acid derivatives as anticancer agents. European Journal of Medicinal Chemistry, 2015, 92, 648-655.	2.6	116
4	Discovery of O-Alkylamino-Tethered Niclosamide Derivatives as Potent and Orally Bioavailable Anticancer Agents. ACS Medicinal Chemistry Letters, 2013, 4, 180-185.	1.3	108
5	Mifepristone Suppresses Basal Triple-Negative Breast Cancer Stem Cells by Down-regulating KLF5 Expression. Theranostics, 2016, 6, 533-544.	4.6	103
6	Exploring therapeutic potentials of baicalin and its aglycone baicalein for hematological malignancies. Cancer Letters, 2014, 354, 5-11.	3.2	102
7	Evolutions in fragment-based drug design: the deconstructionâ€“reconstruction approach. Drug Discovery Today, 2015, 20, 105-113.	3.2	99
8	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.	2.6	91
9	Biochemical and Pharmacological Characterizations of ESI-09 Based EPAC Inhibitors: Defining the ESI-09 â€œTherapeutic Windowâ€• Scientific Reports, 2015, 5, 9344.	1.6	90
10	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.	1.9	64
11	Targeting Kruppel-Like Factor 5 (KLF5) for Cancer Therapy. Current Topics in Medicinal Chemistry, 2015, 15, 699-713.	1.0	63
12	Identification and Characterization of Small Molecules as Potent and Specific EPAC2 Antagonists. Journal of Medicinal Chemistry, 2013, 56, 952-962.	2.9	59
13	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.	4.1	58
14	Chitosan-based nanoparticles for improved anticancer efficacy and bioavailability of mifepristone. Beilstein Journal of Nanotechnology, 2016, 7, 1861-1870.	1.5	57
15	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, 4038-4043.	1.0	52
16	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.	2.6	52
17	Recent Advances in the Discovery of Small Molecules Targeting Exchange Proteins Directly Activated by cAMP (EPAC). Journal of Medicinal Chemistry, 2014, 57, 3651-3665.	2.9	46
18	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.	4.1	45

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19	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.	3.8	39
20	Structureâ€“Activity Relationship Studies of Substituted 2-(Isoxazol-3-yl)-2-oxo-Nâ€²-phenyl-acetohydrazonoyl Cyanide Analogues: Identification of Potent Exchange Proteins Directly Activated by cAMP (EPAC) Antagonists. Journal of Medicinal Chemistry, 2015, 58, 6033-6047.	2.9	38
21	Biomimetic Oxidative Coupling Cyclization Enabling Rapid Construction of Isochromanoindolenines. Organic Letters, 2018, 20, 5457-5460.	2.4	37
22	Oxidative Rearrangement Coupling Reaction for the Functionalization of Tetrahydroâ€²â€carbolines with Aromatic Amines. Angewandte Chemie - International Edition, 2017, 56, 14968-14972.	7.2	36
23	Efficient synthesis of ESI-09, a novel non-cyclic nucleotide EPAC antagonist. Tetrahedron Letters, 2013, 54, 1546-1549.	0.7	33
24	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, 3393-3404.	1.4	33
25	Folate and Heptamethine Cyanine Modified Chitosan-Based Nanotheranostics for Tumor Targeted Near-Infrared Fluorescence Imaging and Photodynamic Therapy. Biomacromolecules, 2017, 18, 2146-2160.	2.6	33
26	Monascus Pigment Rubropunctatin: A Potential Dual Agent for Cancer Chemotherapy and Phototherapy. Journal of Agricultural and Food Chemistry, 2016, 64, 2541-2548.	2.4	32
27	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.	2.3	32
28	Dual-responsive nanosystem for precise molecular subtyping and resistant reversal of EGFR targeted therapy. Chemical Engineering Journal, 2019, 372, 483-495.	6.6	32
29	STAT3 inhibition suppresses hepatic stellate cell fibrogenesis: HJC0123, a potential therapeutic agent for liver fibrosis. RSC Advances, 2016, 6, 100652-100663.	1.7	28
30	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.	1.5	27
31	Acetic Acid Accelerated Visibleâ€Light Photoredox Catalyzed Nâ€Demethylation of N,Nâ€Dimethylaminophenyl Derivatives. Advanced Synthesis and Catalysis, 2017, 359, 687-692.	2.1	26
32	STAT3 Modulation to Enhance Motor Neuron Differentiation in Human Neural Stem Cells. PLoS ONE, 2014, 9, e100405.	1.1	25
33	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.	0.9	25
34	A Combined Bioinformatics and Chemoinformatics Approach for Developing Asymmetric Bivalent AMPA Receptor Positive Allosteric Modulators as Neuroprotective Agents. ChemMedChem, 2013, 8, 226-230.	1.6	24
35	Chemical Modification of Chitosan for Developing Cancer Nanotheranostics. Biomacromolecules, 2022, 23, 2197-2218.	2.6	24
36	Indocyanine green-encapsulated erlotinib modified chitosan nanoparticles for targeted chemo-photodynamic therapy of lung cancer cells. Dyes and Pigments, 2019, 170, 107588.	2.0	21

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37	Challenges and Opportunities from Basic Cancer Biology for Nanomedicine for Targeted Drug Delivery. Current Cancer Drug Targets, 2019, 19, 257-276.	0.8	21
38	Scaffold Repurposing of Old Drugs Towards New Cancer Drug Discovery. Current Topics in Medicinal Chemistry, 2016, 16, 2107-2114.	1.0	21
39	Design, synthesis and biological evaluation of a novel Cu2+-selective fluorescence sensor for bio-detection and chelation. RSC Advances, 2015, 5, 80110-80117.	1.7	20
40	An intelligent hypoxia-relieving chitosan-based nanoplatform for enhanced targeted chemo-sonodynamic combination therapy on lung cancer. Carbohydrate Polymers, 2021, 274, 118655.	5.1	20
41	Self-assembled chitosan/rose bengal derivative nanoparticles for targeted sonodynamic therapy: preparation and tumor accumulation. RSC Advances, 2015, 5, 17915-17923.	1.7	19
42	One-pot synthesis of tricyclo-1,4-benzoxazines via visible-light photoredox catalysis in continuous flow. Tetrahedron Letters, 2017, 58, 1395-1398.	0.7	17
43	Tri-component programmable nanoregulator with Three-pronged penetration boosts immunotherapy of Triple-Negative breast cancer. Chemical Engineering Journal, 2022, 439, 135712.	6.6	17
44	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.	2.6	16
45	Catalytic Oxidative Coupling Cyclization for Construction of Benzofuroindolenines under Mild Reaction Conditions. Advanced Synthesis and Catalysis, 2019, 361, 432-435.	2.1	16
46	Hypoxia/pH dual-responsive nitroimidazole-modified chitosan/rose bengal derivative nanoparticles for enhanced photodynamic anticancer therapy. Dyes and Pigments, 2020, 179, 108395.	2.0	16
47	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.	1.9	15
48	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.	2.6	14
49	Synthesis and structureâ€“activity relationship studies of MI-2 analogues as MALT1 inhibitors. Bioorganic and Medicinal Chemistry, 2018, 26, 3321-3344.	1.4	13
50	Manipulation of Water for Diversified Functionalization of Tetrahydro-Î²-carbolines (THÎ²Cs) with Indoles. Organic Letters, 2019, 21, 6160-6163.	2.4	13
51	A novel synthetic ursolic acid derivative inhibits growth and induces apoptosis in breast cancer cell lines. Oncology Letters, 2018, 15, 2323-2329.	0.8	11
52	AMPA receptor positive allosteric modulators attenuate morphine tolerance and dependence. Neuropharmacology, 2018, 137, 50-58.	2.0	11
53	Oxidation of Tetrahydro-Î²-carbolines by Persulfate. Organic Letters, 2019, 21, 7475-7477.	2.4	11
54	Diverse Functionalization of Tetrahydro-Î²-carbolines or Tetrahydro-Î³-carbolines via Oxidative Coupling Rearrangement. Journal of Organic Chemistry, 2021, 86, 794-812.	1.7	11

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55	Discovery of FZU-03,010 as a self-assembling anticancer amphiphile for acute myeloid leukemia. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1007-1011.	1.0	9
56	Discovery of novel negletein derivatives as potent anticancer agents for acute myeloid leukemia. Chemical Biology and Drug Design, 2018, 91, 924-932.	1.5	9
57	Construction of Bisindolines via Oxidative Coupling Cyclization. Organic Letters, 2020, 22, 116-119.	2.4	9
58	Doxorubicin/Nucleophosmin Binding Protein-Conjugated Nanoparticle Enhances Anti-leukemia Activity in Acute Lymphoblastic Leukemia Cells in vitro and in vivo. Frontiers in Pharmacology, 2021, 12, 607755.	1.6	9
59	E35 ablates acute leukemia stem and progenitor cells in vitro and in vivo. Journal of Cellular Physiology, 2020, 235, 8023-8034.	2.0	8
60	Convenient Tuning of the Elasticity of Self-Assembled Nano-Sized Triterpenoids to Regulate Their Biological Activities. ACS Applied Materials & Interfaces, 2021, 13, 44065-44078.	4.0	8
61	Development of a concise synthetic approach to access oroxin A. RSC Advances, 2014, 4, 45151-45154.	1.7	7
62	Nickelâ€Catalyzed Câ€O Crossâ€Coupling Reaction at Low Catalytic Loading with Weak Base Participation. European Journal of Organic Chemistry, 2020, 2020, 519-522.	1.2	7
63	Oxidative Rearrangement Coupling Reaction for the Functionalization of Tetrahydroâ€Î²â€carbolines with Aromatic Amines. Angewandte Chemie, 2017, 129, 15164-15168.	1.6	6
64	Stabilization of Transient 3-Chloroindolenines Enables Diverse Functionalization. Organic Letters, 2019, 21, 8884-8887.	2.4	6
65	Synthesis and structureâ€“activity relationship studies of LLY-507 analogues as SMYD2 inhibitors. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127598.	1.0	5
66	Synthesis of metapristone through an efficient N-demethylation of mifepristone. RSC Advances, 2016, 6, 7195-7197.	1.7	4
67	Monascus pigment rubropunctatin derivative FZU-H reduces AÎ²(1-42)-induced neurotoxicity in Neuro-2A cells. RSC Advances, 2018, 8, 17389-17398.	1.7	4
68	Facile access to evodiakine enabled by aerobic copper-catalyzed oxidative rearrangement. Organic and Biomolecular Chemistry, 2019, 17, 8811-8815.	1.5	3
69	Construction and biological evaluation of different self-assembled nanoarchitectures of FZU-03,010. European Journal of Pharmaceutical Sciences, 2018, 121, 382-391.	1.9	2
70	Isochromanoindolenines suppress triple-negative breast cancer cell proliferation partially via inhibiting Akt activation. International Journal of Biological Sciences, 2021, 17, 986-994.	2.6	2
71	Pyrrolo [3,4-b]-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.	1.4	2
72	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.	1.3	1

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73	Cuâ€Catalyzed Aerobic Oxidative Coupling of Tetrahydroâ€Î²â€carbolines with Indoles. ChemistrySelect, 2021, 6, 6272-6274.	0.7	1
74	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.	0.6	1
75	Induction of Genes Implicated in Stress Response and Autophagy by a Novel Quinolin-8-yl-nicotinamide QN523 in Pancreatic Cancer. Journal of Medicinal Chemistry, 2022, , .	2.9	1
76	Direct Câ€“H functionalization of tetrahydro-Î³-carbolines at the Îµ-position. New Journal of Chemistry, 2022, 46, 9511-9514.	1.4	1
77	Biochemical and Pharmacological Characterizations of ESIâ€09 based EPAC inhibitors. FASEB Journal, 2015, 29, 1022.4.	0.2	0