

Qiang Shen

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

4,490
citations

87888

38
h-index

106344

65
g-index

105
all docs

105
docs citations

105
times ranked

7390
citing authors

#	ARTICLE	IF	CITATIONS
1	Pancreatic stromal Gremlin 1 expression during pancreatic tumorigenesis. <i>Genes and Diseases</i> , 2022, 9, 108-115.	3.4	7
2	Structure-activity relationship studies on O-alkylamino-tethered salicylamide derivatives with various amino acid linkers as potent anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2022, 234, 114229.	5.5	1
3	Oridonin and its derivatives for cancer treatment and overcoming therapeutic resistance. <i>Genes and Diseases</i> , 2021, 8, 448-462.	3.4	54
4	Characteristic pancreatic and splenic immune cell infiltration patterns in mouse acute pancreatitis. <i>Cell and Bioscience</i> , 2021, 11, 28.	4.8	6
5	Distinct Murine Pancreatic Transcriptomic Signatures during Chronic Pancreatitis Recovery. <i>Mediators of Inflammation</i> , 2021, 2021, 1-13.	3.0	0
6	Abstract 1238: Treating estrogen receptor (ER)-negative and triple-negative breast cancer by targeting STAT3 signaling with putative STAT3 inhibitors. , 2021, , .		0
7	Abstract 1239: Putative Bax activators GL0385 and GL0388 for targeted breast cancer therapy. , 2021, , .		0
8	Further lead optimization on Bax activators: Design, synthesis and pharmacological evaluation of 2-fluoro-fluorene derivatives for the treatment of breast cancer. <i>European Journal of Medicinal Chemistry</i> , 2021, 219, 113427.	5.5	7
9	GRB2 enforces homology-directed repair initiation by MRE11. <i>Science Advances</i> , 2021, 7, .	10.3	21
10	Editorial: “Non-Coding RNAs in Head and Neck Squamous Cell Carcinoma” <i>Frontiers in Oncology</i> , 2021, 11, 785001.	2.8	2
11	HJC0152 suppresses human non-“small” cell lung cancer by inhibiting STAT3 and modulating metabolism. <i>Cell Proliferation</i> , 2020, 53, e12777.	5.3	24
12	Abstract P6-03-19: Oridonals reverse chemoresistance in breast cancer cells by targeting STAT3. , 2020, , .		0
13	Abstract 19: Examination of HJC0152, a putative modulator of glucose and energy metabolism, for mammary cancer prevention. , 2020, , .		0
14	Exploring cisplatin resistance in ovarian cancer through integrated bioinformatics approach and overcoming chemoresistance with sanguinarine. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 923-939.	0.0	5
15	Calcium-sensing stromal interaction molecule 2 upregulates nuclear factor of activated T cells 1 and transforming growth factor- β signaling to promote breast cancer metastasis. <i>Breast Cancer Research</i> , 2019, 21, 99.	5.0	19
16	ROS/KRAS/AMPK Signaling Contributes to Gemcitabine-Induced Stem-like Cell Properties in Pancreatic Cancer. <i>Molecular Therapy - Oncolytics</i> , 2019, 14, 299-312.	4.4	40
17	Multiple myeloma cell-derived IL-32 β increases the immunosuppressive function of macrophages by promoting indoleamine 2,3-dioxygenase (IDO) expression. <i>Cancer Letters</i> , 2019, 446, 38-48.	7.2	39
18	Combination chemotherapy of valproic acid (VPA) and gemcitabine regulates STAT3/Bmi1 pathway to differentially potentiate the motility of pancreatic cancer cells. <i>Cell and Bioscience</i> , 2019, 9, 50.	4.8	19

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19	Structure-activity relationship studies on Bax activator SMBA1 for the treatment of ER-positive and triple-negative breast cancer. <i>European Journal of Medicinal Chemistry</i> , 2019, 178, 589-605.	5.5	12
20	High glucose promotes pancreatic cancer cells to escape from immune surveillance via AMPK-Bmi1-GATA2-MICA/B pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 192.	8.6	33
21	Value of folate receptor-positive circulating tumour cells in the clinical management of indeterminate lung nodules: A non-invasive biomarker for predicting malignancy and tumour invasiveness. <i>EBioMedicine</i> , 2019, 41, 236-243.	6.1	38
22	The microRNA miR-181c enhances chemosensitivity and reduces chemoresistance in breast cancer cells via down-regulating osteopontin. <i>International Journal of Biological Macromolecules</i> , 2019, 125, 544-556.	7.5	33
23	Abstract 3: Discovery and optimization of small molecule Bax activators for cancer therapy. , 2019, , .		2
24	Expression of interleukin-32 in bone marrow of patients with myeloma and its prognostic significance. <i>World Journal of Clinical Cases</i> , 2019, 7, 4234-4244.	0.8	3
25	Abstract P2-06-13: A novel small molecule JMX0293 inhibits the growth of triple-negative breast cancer via suppressing STAT3 and inducing apoptosis. , 2019, , .		0
26	Abstract 5066: Chemoprevention of breast cancer by targeting glucose metabolism with HJC0152. , 2019, , .		1
27	A novel STAT3 inhibitor, HJC0152, exerts potent antitumor activity in glioblastoma. <i>American Journal of Cancer Research</i> , 2019, 9, 699-713.	1.4	7
28	Abstract 3: Discovery and optimization of small molecule Bax activators for cancer therapy. , 2019, , .		0
29	Macranthoidin B Modulates Key Metabolic Pathways to Enhance ROS Generation and Induce Cytotoxicity and Apoptosis in Colorectal Cancer. <i>Cellular Physiology and Biochemistry</i> , 2018, 46, 1317-1330.	1.6	8
30	Targeting the NRF-2/RHOA/ROCK signaling pathway with a novel aziridonin, YD0514, to suppress breast cancer progression and lung metastasis. <i>Cancer Letters</i> , 2018, 424, 97-108.	7.2	30
31	Regio- and Stereospecific Synthesis of Oridonin D-Ring Aziridinated Analogues for the Treatment of Triple-Negative Breast Cancer via Mediated Irreversible Covalent Warheads. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 2737-2752.	6.4	32
32	The role of STAT3 in leading the crosstalk between human cancers and the immune system. <i>Cancer Letters</i> , 2018, 415, 117-128.	7.2	237
33	MiR-519d-3p suppresses breast cancer cell growth and motility via targeting LIM domain kinase 1. <i>Molecular and Cellular Biochemistry</i> , 2018, 444, 169-178.	3.1	36
34	Knockdown of lncRNA H19 restores chemo-sensitivity in paclitaxel-resistant triple-negative breast cancer through triggering apoptosis and regulating Akt signaling pathway. <i>Toxicology and Applied Pharmacology</i> , 2018, 359, 55-61.	2.8	80
35	Activation of STAT3 and Bcl-2 and reduction of reactive oxygen species (ROS) promote radioresistance in breast cancer and overcome of radioresistance with niclosamide. <i>Oncogene</i> , 2018, 37, 5292-5304.	5.9	122
36	Therapeutic Potential of Oridonin and Its Analogs: From Anticancer and Antiinflammation to Neuroprotection. <i>Molecules</i> , 2018, 23, 474.	3.8	85

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37	Hepatic Ischemic Preconditioning Alleviates Ischemia-Reperfusion Injury by Decreasing TIM4 Expression. <i>International Journal of Biological Sciences</i> , 2018, 14, 1186-1195.	6.4	15
38	Abstract P1-02-08: Reprogramming glucose metabolism and energy production in breast cancer cells. , 2018, , .		1
39	Abstract P5-21-19: Suppression of breast carcinogenesis and metastasis by targeting glucose metabolism with HJC0152. , 2018, , .		0
40	Abstract P3-06-09: Discovery of novel oridonin-derivatives for the treatment of metastatic breast cancer. , 2018, , .		0
41	Abstract 4883: Suppression of breast cancer by reprogramming glucose metabolism and energy production with HJC0152. , 2018, , .		0
42	Abstract 2668: Regio- and stereospecific synthesis of oridonin D-ring aziridinated analogues for the treatment of triple-negative breast cancer via mediated irreversible covalent warheads. , 2018, , .		0
43	Suppression of the Growth and Invasion of Human Head and Neck Squamous Cell Carcinomas via Regulating STAT3 Signaling and the miR-21/ β -catenin Axis with HJC0152. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 578-590.	4.1	45
44	Upâ€regulation of glycolysis promotes the stemness and <scp>EMT</scp> phenotypes in gemcitabineâ€resistant pancreatic cancer cells. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 2055-2067.	3.6	119
45	Mechanistic Evaluation and Translational Signature of Gemcitabine-induced Chemoresistance by Quantitative Phosphoproteomics Analysis with iTRAQ Labeling Mass Spectrometry. <i>Scientific Reports</i> , 2017, 7, 12891.	3.3	5
46	Effect of cadmium on oxidative stress and immune function of common carp (<i>Cyprinus carpio</i> L.) by transcriptome analysis. <i>Aquatic Toxicology</i> , 2017, 192, 171-177.	4.0	121
47	Chlorpyrifos exposure in common carp (<i>Cyprinus carpio</i> L.) leads to oxidative stress and immune responses. <i>Fish and Shellfish Immunology</i> , 2017, 67, 604-611.	3.6	78
48	Cancer drug delivery in the nano era: An overview and perspectives. <i>Oncology Reports</i> , 2017, 38, 611-624.	2.6	310
49	The microRNAs miR-200b-3p and miR-429-5p target the LIMK1/CFL1 pathway to inhibit growth and motility of breast cancer cells. <i>Oncotarget</i> , 2017, 8, 85276-85289.	1.8	70
50	Polydatin down-regulates the phosphorylation level of Creb and induces apoptosis in human breast cancer cell. <i>PLoS ONE</i> , 2017, 12, e0176501.	2.5	31
51	Peiminine inhibits colorectal cancer cell proliferation by inducing apoptosis and autophagy and modulating key metabolic pathways. <i>Oncotarget</i> , 2017, 8, 47619-47631.	1.8	43
52	Mitochondrial calcium uniporter as a target of microRNA-340 and promoter of metastasis via enhancing the Warburg effect. <i>Oncotarget</i> , 2017, 8, 83831-83844.	1.8	55
53	Abstract 9: Suppression of the invasion and growth of human head and neck squamous cell carcinomas via regulating STAT3 signaling and miR-21/ β -catenin axis with HJC0152. , 2017, , .		0
54	Abstract LB-299: Glucose metabolism modulator HJC0152 differentially regulates glycolytic enzymes to suppress breast carcinogenesis. , 2017, , .		0

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55	Downregulation of ACE2/Ang-(1-7)/Mas axis promotes breast cancer metastasis by enhancing store-operated calcium entry. <i>Cancer Letters</i> , 2016, 376, 268-277.	7.2	92
56	Efficacy and Safety of Nedaplatin in Advanced Breast Cancer Therapy. <i>Cancer Investigation</i> , 2016, 34, 167-172.	1.3	6
57	Gemcitabine treatment promotes pancreatic cancer stemness through the Nox/ROS/NF- κ B/STAT3 signaling cascade. <i>Cancer Letters</i> , 2016, 382, 53-63.	7.2	134
58	Discovery and development of natural product oridonin-inspired anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2016, 122, 102-117.	5.5	132
59	Qigesan inhibits migration and invasion of esophageal cancer cells via inducing connexin expression and enhancing gap junction function. <i>Cancer Letters</i> , 2016, 380, 184-190.	7.2	21
60	Traditional Chinese medicine targeting apoptotic mechanisms for esophageal cancer therapy. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 295-302.	6.1	43
61	Bmi1 inhibition enhances the sensitivity of pancreatic cancer cells to gemcitabine. <i>Oncotarget</i> , 2016, 7, 37192-37204.	1.8	18
62	Abstract 329: Reprogramming glucose metabolism and energy production with a small molecule HJC0152 suppresses breast cancer development and progression to metastasis. , 2016, , .		0
63	Targeting STAT3/miR-21 axis inhibits epithelial-mesenchymal transition via regulating CDK5 in head and neck squamous cell carcinoma. <i>Molecular Cancer</i> , 2015, 14, 213.	19.2	63
64	Mitochondrial Ca ²⁺ uniporter is critical for store-operated Ca ²⁺ entry-dependent breast cancer cell migration. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 186-193.	2.1	90
65	Abstract P6-12-04: Targeting STAT3 with novel small molecule inhibitors to sensitize breast cancer cells to radiation therapy. , 2015, , .		1
66	Dendritic Cells Loaded with Pancreatic Cancer Stem Cells (CSCs) Lysates Induce Antitumor Immune Killing Effect In Vitro. <i>PLoS ONE</i> , 2014, 9, e114581.	2.5	31
67	Transcription Factor STAT3 as a Novel Molecular Target for Cancer Prevention. <i>Cancers</i> , 2014, 6, 926-957.	3.7	234
68	Humanized NOD-SCID IL2rg $\alpha\alpha$ mice as a preclinical model for cancer research and its potential use for individualized cancer therapies. <i>Cancer Letters</i> , 2014, 344, 13-19.	7.2	80
69	ent-Kaurane-based regio- and stereoselective inverse electron demand hetero-Diels-Alder reactions: synthesis of dihydropyran-fused diterpenoids. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8442-8452.	2.8	41
70	Small Molecule Inhibitors Targeting Activator Protein 1 (AP-1). <i>Journal of Medicinal Chemistry</i> , 2014, 57, 6930-6948.	6.4	195
71	Discovery of potent anticancer agent HJC0416, an orally bioavailable small molecule inhibitor of signal transducer and activator of transcription 3 (STAT3). <i>European Journal of Medicinal Chemistry</i> , 2014, 82, 195-203.	5.5	52
72	Oxidative Stress Upregulates PDCD4 Expression in Patients with Gastric Cancer via miR-21. <i>Current Pharmaceutical Design</i> , 2014, 20, 1917-1923.	1.9	52

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73	Abstract 5317: Photonic crystal microarray sensing of breast cancer cell line lysates. , 2014, , .		0
74	Abstract 3805: Anticancer agent HJC0416 inhibits the growth of breast cancer xenografts via downregulating STAT3 signaling. , 2014, , .		0
75	Overcoming Synthetic Challenges of Oridonin A-Ring Structural Diversification: Regio- and Stereoselective Installation of Azides and 1,2,3-Triazoles at the C-1, C-2, or C-3 Position. <i>Organic Letters</i> , 2013, 15, 3718-3721.	4.6	55
76	TRPM7 mediates breast cancer cell migration and invasion through the MAPK pathway. <i>Cancer Letters</i> , 2013, 333, 96-102.	7.2	130
77	Discovery of <i>N</i> -Alkylamino-Tethered Niclosamide Derivatives as Potent and Orally Bioavailable Anticancer Agents. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 180-185.	2.8	108
78	Fragment-based drug design and identification of HJC0123 , a novel orally bioavailable STAT3 inhibitor for cancer therapy. <i>European Journal of Medicinal Chemistry</i> , 2013, 62, 498-507.	5.5	91
79	Novel Nitrogen-Enriched Oridonin Analogues with Thiazole-Fused A-Ring: Protecting Group-Free Synthesis, Enhanced Anticancer Profile, and Improved Aqueous Solubility. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 5048-5058.	6.4	97
80	Novel roles of reactive oxygen species in the pathogenesis of acute myeloid leukemia. <i>Journal of Leukocyte Biology</i> , 2013, 94, 423-429.	3.3	77
81	Oridonin Ring A-Based Diverse Constructions of Enone Functionality: Identification of Novel Dienone Analogues Effective for Highly Aggressive Breast Cancer by Inducing Apoptosis. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 8814-8825.	6.4	64
82	Abstract 5573: Discovery of potent oridonin derivatives for the treatment of breast cancer.. , 2013, , .		0
83	Abstract 872: Novel potent and orally active STAT3 inhibitors for cancer therapies.. , 2013, , .		0
84	Abstract 2267: Natural product-inspired drug discovery: Chemistry and biology of oridonin analogs with unique scaffolds and enhanced anticancer profiles .. , 2013, , .		0
85	Abstract B33: Target STAT3 signaling for the prevention of ER-negative breast cancer. , 2013, , .		0
86	Abstract B63: Developing Novel STAT3 Inhibitors for the Treatment and Prevention of Cancer. <i>Cancer Prevention Research</i> , 2012, 5, B63-B63.	1.5	0
87	The retinoid bexarotene represses cyclin D1 transcription by inducing the DEC2 transcriptional repressor. <i>Breast Cancer Research and Treatment</i> , 2011, 128, 667-677.	2.5	34
88	Abstract B85: Role of the TASK2 in regulating breast cancer cell proliferation. , 2011, , .		1
89	Abstract B82: The TASK2 potassium ion channel is differentially expressed in ER-negative breast cancer. , 2010, , .		0
90	Abstract A95: KCNK5 regulates proliferation of ER-negative breast cancer cells. , 2010, , .		1

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91	Rexinoid-induced Expression of IGFBP-6 Requires RAR β -dependent Permissive Cooperation of Retinoid Receptors and AP-1. <i>Journal of Biological Chemistry</i> , 2009, 284, 345-353.	3.4	26
92	Effect of Lapatinib on the Development of Estrogen Receptor α -Negative Mammary Tumors in Mice. <i>Journal of the National Cancer Institute</i> , 2009, 101, 107-113.	6.3	46
93	The AP-1 transcription factor regulates breast cancer cell growth via cyclins and E2F factors. <i>Oncogene</i> , 2008, 27, 366-377.	5.9	113
94	Targeting the Activator Protein 1 Transcription Factor for the Prevention of Estrogen Receptor α -Negative Mammary Tumors. <i>Cancer Prevention Research</i> , 2008, 1, 45-55.	1.5	20
95	The Rexinoid LG100268 Prevents the Development of Preinvasive and Invasive Estrogen Receptor α -Negative Tumors in MMTV-erbB2 Mice. <i>Clinical Cancer Research</i> , 2007, 13, 6224-6231.	7.0	46
96	The AP-1 transcription factor regulates postnatal mammary gland development. <i>Developmental Biology</i> , 2006, 295, 589-603.	2.0	35
97	cFos is critical for MCF-7 breast cancer cell growth. <i>Oncogene</i> , 2005, 24, 6516-6524.	5.9	64
98	Transgenic mouse models for the prevention of breast cancer. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 576, 93-110.	1.0	25
99	Identification of a novel SP3 binding site in the promoter of human IGFBP4 gene: role of SP3 and AP-1 in regulating promoter activity in CaCo2 cells. <i>Oncogene</i> , 2004, 23, 2454-2464.	5.9	8
100	AP-1 blockade in breast cancer cells causes cell cycle arrest by suppressing G1 cyclin expression and reducing cyclin-dependent kinase activity. <i>Oncogene</i> , 2004, 23, 8238-8246.	5.9	63
101	Novel agents for the prevention of breast cancer: targeting transcription factors and signal transduction pathways. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2003, 8, 45-73.	2.7	62
102	Effect of Epidermal Growth Factor Receptor Inhibitor on Development of Estrogen Receptor-Negative Mammary Tumors. <i>Journal of the National Cancer Institute</i> , 2003, 95, 1825-1833.	6.3	89
103	Molecular cloning of a cDNA encoding the neuropeptides APGWamide and cerebral peptide 1: Localization of APGWamide-like immunoreactivity in the central nervous system and male reproductive organs of <i>Aplysia</i> . , 1997, 387, 53-62.		54
104	Cellular crosstalk mediating immune evasion in pancreatic cancer microenvironment. <i>Annals of Pancreatic Cancer</i> , 0, 2, 13-13.	1.2	0