

Liang Xu

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

11,254
citations

136950

32
h-index

114465

63
g-index

69
all docs

69
docs citations

69
times ranked

24450
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	MicroRNA miR-34 Inhibits Human Pancreatic Cancer Tumor-Initiating Cells. <i>PLoS ONE</i> , 2009, 4, e6816.	2.5	621
4	Natural BH3 mimetic (-)-gossypol chemosensitizes human prostate cancer via Bcl-xL inhibition accompanied by increase of Puma and Noxa. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 2192-2202.	4.1	171
5	Bcl-2:Beclin 1 complex: multiple mechanisms regulating autophagy/apoptosis toggle switch. <i>American Journal of Cancer Research</i> , 2012, 2, 214-21.	1.4	171
6	Identification and Validation of Novel Small Molecule Disruptors of HuR-mRNA Interaction. <i>ACS Chemical Biology</i> , 2015, 10, 1476-1484.	3.4	120
7	Antibody Against CD44s Inhibits Pancreatic Tumor Initiation and Postradiation Recurrence in Mice. <i>Gastroenterology</i> , 2014, 146, 1108-1118.e12.	1.3	118
8	Natural product (-)-gossypol inhibits colon cancer cell growth by targeting RNA-binding protein Musashi1. <i>Molecular Oncology</i> , 2015, 9, 1406-1420.	4.6	116
9	Natural Proteasome Inhibitor Celastrol Suppresses Androgen-Independent Prostate Cancer Progression by Modulating Apoptotic Proteins and NF-kappaB. <i>PLoS ONE</i> , 2010, 5, e14153.	2.5	87
10	Impact of HuR inhibition by the small molecule MS-444 on colorectal cancer cell tumorigenesis. <i>Oncotarget</i> , 2016, 7, 74043-74058.	1.8	86
11	Validation of SAG/RBX2/ROC2 E3 Ubiquitin Ligase as an Anticancer and Radiosensitizing Target. <i>Clinical Cancer Research</i> , 2010, 16, 814-824.	7.0	85
12	Mulberry-like dual-drug complicated nanocarriers assembled with apogossypolone amphiphilic starch micelles and doxorubicin hyaluronic acid nanoparticles for tumor combination and targeted therapy. <i>Biomaterials</i> , 2015, 39, 131-144.	11.4	81
13	Molecular and functional extracellular vesicle analysis using nanopatterned microchips monitors tumor progression and metastasis. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	79
14	Chemosensitization of Prostate Cancer by Modulating Bcl-2 Family Proteins. <i>Current Drug Targets</i> , 2010, 11, 699-707.	2.1	79
15	HCC cells with high levels of Bcl-2 are resistant to ABT-737 via activation of the ROS/JNK autophagy pathway. <i>Free Radical Biology and Medicine</i> , 2014, 70, 194-203.	2.9	76
16	The Bcl-2-Beclin 1 interaction in (-)-gossypol-induced autophagy versus apoptosis in prostate cancer cells. <i>Autophagy</i> , 2010, 6, 1201-1203.	9.1	72
17	HuR-targeted small molecule inhibitor exhibits cytotoxicity towards human lung cancer cells. <i>Scientific Reports</i> , 2017, 7, 9694.	3.3	67
18	Celastrol Potentiates Radiotherapy by Impairment of DNA Damage Processing in Human Prostate Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 74, 1217-1225.	0.8	66

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19	HAb18G/CD147 Promotes pSTAT3-Mediated Pancreatic Cancer Development via CD44s. <i>Clinical Cancer Research</i> , 2013, 19, 6703-6715.	7.0	65
20	Tumor suppressive microRNA-137 negatively regulates Musashi-1 and colorectal cancer progression. <i>Oncotarget</i> , 2015, 6, 12558-12573.	1.8	65
21	MicroRNA100 Inhibits Self-Renewal of Breast Cancer Stem-like Cells and Breast Tumor Development. <i>Cancer Research</i> , 2014, 74, 6648-6660.	0.9	59
22	Targeting the interaction between RNA-binding protein HuR and FOXQ1 suppresses breast cancer invasion and metastasis. <i>Communications Biology</i> , 2020, 3, 193.	4.4	58
23	Overcoming chemo/radio-resistance of pancreatic cancer by inhibiting STAT3 signaling. <i>Oncotarget</i> , 2016, 7, 11708-11723.	1.8	58
24	An improved d- α -tocopherol-based nanocarrier for targeted delivery of doxorubicin with reversal of multidrug resistance. <i>Journal of Controlled Release</i> , 2014, 196, 272-286.	9.9	57
25	Molecularly Targeted Radiosensitization of Human Prostate Cancer by Modulating Inhibitor of Apoptosis. <i>Clinical Cancer Research</i> , 2008, 14, 7701-7710.	7.0	53
26	A PEG-Fmoc conjugate as a nanocarrier for paclitaxel. <i>Biomaterials</i> , 2014, 35, 7146-7156.	11.4	52
27	AKT-mediated phosphorylation of ATG4B impairs mitochondrial activity and enhances the Warburg effect in hepatocellular carcinoma cells. <i>Autophagy</i> , 2018, 14, 685-701.	9.1	52
28	Design and synthesis of novel Gefitinib analogues with improved anti-tumor activity. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 3812-3822.	3.0	51
29	Time-lapse live cell imaging to monitor doxorubicin release from DNA origami nanostructures. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1605-1612.	5.8	47
30	The fungal natural product azaphilone-9 binds to HuR and inhibits HuR-RNA interaction in vitro. <i>PLoS ONE</i> , 2017, 12, e0175471.	2.5	45
31	Sorafenib Sensitizes (α)-Gossypol-Induced Growth Suppression in Androgen-Independent Prostate Cancer Cells via Mcl-1 Inhibition and Bak Activation. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 416-426.	4.1	44
32	The RNA-binding protein HuR in human cancer: A friend or foe?. <i>Advanced Drug Delivery Reviews</i> , 2022, 184, 114179.	13.7	41
33	Natural Product Gossypol and its Derivatives in Precision Cancer Medicine. <i>Current Medicinal Chemistry</i> , 2019, 26, 1849-1873.	2.4	40
34	Activation of HuR downstream of p38 MAPK promotes cardiomyocyte hypertrophy. <i>Cellular Signalling</i> , 2016, 28, 1735-1741.	3.6	38
35	Human antigen R as a therapeutic target in pathological cardiac hypertrophy. <i>JCI Insight</i> , 2019, 4, .	5.0	38
36	Natural product derivative Gossypolone inhibits Musashi family of RNA-binding proteins. <i>BMC Cancer</i> , 2018, 18, 809.	2.6	35

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37	A prodrug micellar carrier assembled from polymers with pendant farnesyl thiosalicylic acid moieties for improved delivery of paclitaxel. <i>Acta Biomaterialia</i> , 2016, 43, 282-291.	8.3	33
38	Double-layered hyaluronic acid/stearic acid-modified polyethyleneimine nanoparticles encapsulating (α^*)-gossypol: a nanocarrier for chiral anticancer drugs. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5238-5248.	5.8	30
39	An RNA-Binding Protein, Hu-antigen R, in Pancreatic Cancer Epithelial to Mesenchymal Transition, Metastasis, and Cancer Stem Cells. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 2267-2277.	4.1	29
40	Hsp90 inhibitor 17-AAG sensitizes Bcl-2 inhibitor (-)-gossypol by suppressing ERK-mediated protective autophagy and Mcl-1 accumulation in hepatocellular carcinoma cells. <i>Experimental Cell Research</i> , 2014, 328, 379-387.	2.6	27
41	Natural Bcl-2 inhibitor (α^*) gossypol induces protective autophagy via reactive oxygen species "high mobility group box 1 pathway in Burkitt lymphoma. <i>Leukemia and Lymphoma</i> , 2013, 54, 2263-2268.	1.3	26
42	HuR Reduces Radiation-Induced DNA Damage by Enhancing Expression of ARID1A. <i>Cancers</i> , 2019, 11, 2014.	3.7	23
43	Gemcitabine enhances cell invasion via activating HAb18G/CD147-EGFR-pSTAT3 signaling. <i>Oncotarget</i> , 2016, 7, 62177-62193.	1.8	23
44	Apogossypolone induces autophagy and apoptosis in breast cancer MCF-7 cells in vitro and in vivo. <i>Breast Cancer</i> , 2014, 21, 223-230.	2.9	20
45	DARC: Mapping Surface Topography by Ray-Casting for Effective Virtual Screening at Protein Interaction Sites. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 4152-4170.	6.4	20
46	Natural IAP inhibitor Embelin enhances therapeutic efficacy of ionizing radiation in prostate cancer. <i>American Journal of Cancer Research</i> , 2011, 1, 128-43.	1.4	20
47	Overexpression of 17 β -hydroxysteroid dehydrogenase type 10 increases pheochromocytoma cell growth and resistance to cell death. <i>BMC Cancer</i> , 2015, 15, 166.	2.6	19
48	Identification and Validation of an <i>Aspergillus nidulans</i> Secondary Metabolite Derivative as an Inhibitor of the Musashi-RNA Interaction. <i>Cancers</i> , 2020, 12, 2221.	3.7	17
49	Mechanism of RNA recognition by a Musashi RNA-binding protein. <i>Current Research in Structural Biology</i> , 2022, 4, 10-20.	2.2	17
50	Nano pom-poms prepared exosomes enable highly specific cancer biomarker detection. <i>Communications Biology</i> , 2022, 5, .	4.4	16
51	Tumor-targeted RNA-interference: functional non-viral nanovectors. <i>American Journal of Cancer Research</i> , 2011, 1, 25-42.	1.4	14
52	Concurrent CD44s and STAT3 expression in human clear cell renal cellular carcinoma and its impact on survival. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 3235-44.	0.5	14
53	Human oncoprotein Musashi-2 N-terminal RNA recognition motif backbone assignment and identification of RNA-binding pocket. <i>Oncotarget</i> , 2017, 8, 106587-106597.	1.8	13
54	Identification of novel small molecule Beclin 1 mimetics activating autophagy. <i>Oncotarget</i> , 2017, 8, 51355-51369.	1.8	12

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55	Inhibition of RNA-binding protein HuR reduces glomerulosclerosis in experimental nephritis. <i>Clinical Science</i> , 2020, 134, 1433-1448.	4.3	11
56	Crystal and solution structures of human oncoprotein Musashi-2 N-terminal RNA recognition motif 1. <i>Proteins: Structure, Function and Bioinformatics</i> , 2020, 88, 573-583.	2.6	10
57	Therapeutic anti-CD147 antibody sensitizes cells to chemoradiotherapy targeting pancreatic cancer stem cells. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 3543-3554.	0.0	9
58	Bilayered near-infrared fluorescent nanoparticles based on low molecular weight PEI for tumor-targeted in vivo imaging. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	8
59	Design, synthesis and biological evaluation of 4-aniline quinazoline derivatives conjugated with hydrogen sulfide (H ₂ S) donors as potent EGFR inhibitors against L858R resistance mutation. <i>European Journal of Medicinal Chemistry</i> , 2020, 202, 112522.	5.5	8
60	A non-intrusive evaluation method for tumor-targeting characteristics of nanomedicines based on <i>in vivo</i> near-infrared fluorescence imaging. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4751-4757.	5.8	6
61	Design and synthesis of a novel photoaffinity probe for labelling EGF receptor tyrosine kinases. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 954-959.	5.2	5
62	A small molecule STAT3 inhibitor, LLL12, enhances cisplatin and paclitaxel-mediated inhibition of cell growth and migration in human ovarian cancer cells. <i>Oncology Reports</i> , 2020, 44, 1224-1232.	2.6	3
63	Abstract P4-01-16: Overcome chemoresistance of triple-negative breast cancer by inhibiting the RNA-binding protein HuR. <i>Cancer Research</i> , 2022, 82, P4-01-16-P4-01-16.	0.9	1
64	Cover Image, Volume 88, Issue 4. <i>Proteins: Structure, Function and Bioinformatics</i> , 2020, 88, C1.	2.6	0
65	Abstract 1780: Functional inhibition of RNA-binding protein HuR reverses chemotherapeutic resistance in triple-negative breast cancer. <i>Cancer Research</i> , 2022, 82, 1780-1780.	0.9	0