

# Xi Yang

## List of Publications by Year in descending order

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97  
papers

7,262  
citations

201674

27  
h-index

58581

82  
g-index

99  
all docs

99  
docs citations

99  
times ranked

16946  
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	The Nedd8-Activating Enzyme Inhibitor MLN4924 Induces Autophagy and Apoptosis to Suppress Liver Cancer Cell Growth. <i>Cancer Research</i> , 2012, 72, 3360-3371.	0.9	204
3	Protein neddylation and its alterations in human cancers for targeted therapy. <i>Cellular Signalling</i> , 2018, 44, 92-102.	3.6	167
4	Neddylation: a novel modulator of the tumor microenvironment. <i>Molecular Cancer</i> , 2019, 18, 77.	19.2	147
5	Overactivated Neddylation Pathway as a Therapeutic Target in Lung Cancer. <i>Journal of the National Cancer Institute</i> , 2014, 106, dju083.	6.3	144
6	Role of Exosomes in Crosstalk Between Cancer-Associated Fibroblasts and Cancer Cells. <i>Frontiers in Oncology</i> , 2019, 9, 356.	2.8	127
7	Neddylation Inhibition Activates the Extrinsic Apoptosis Pathway through ATF4-CHOP-DR5 Axis in Human Esophageal Cancer Cells. <i>Clinical Cancer Research</i> , 2016, 22, 4145-4157.	7.0	96
8	Targeting deubiquitinase USP28 for cancer therapy. <i>Cell Death and Disease</i> , 2018, 9, 186.	6.3	81
9	LncRNAs and their role in cancer stem cells. <i>Oncotarget</i> , 2017, 8, 110685-110692.	1.8	81
10	Inactivation of SAG/RBX2 E3 ubiquitin ligase suppresses KrasG12D-driven lung tumorigenesis. <i>Journal of Clinical Investigation</i> , 2014, 124, 835-846.	8.2	73
11	Suppression of glioblastoma by targeting the overactivated protein neddylation pathway. <i>Neuro-Oncology</i> , 2015, 17, 1333-1343.	1.2	63
12	Promotion of tumor-associated macrophages infiltration by elevated neddylation pathway via NF- $\kappa$ B-CCL2 signaling in lung cancer. <i>Oncogene</i> , 2019, 38, 5792-5804.	5.9	55
13	Hypoxic tumour cell-derived exosomal miR-340-5p promotes radioresistance of oesophageal squamous cell carcinoma via KLF10. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 38.	8.6	55
14	Skp2 dictates cell cycle-dependent metabolic oscillation between glycolysis and TCA cycle. <i>Cell Research</i> , 2021, 31, 80-93.	12.0	51
15	GLUT5-mediated fructose utilization drives lung cancer growth by stimulating fatty acid synthesis and AMPK/mTORC1 signaling. <i>JCI Insight</i> , 2020, 5, .	5.0	51
16	The Neddylation-Cullin 2-RBX1 E3 Ligase Axis Targets Tumor Suppressor RhoB for Degradation in Liver Cancer. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 499-509.	3.8	42
17	Synergistic inhibition of autophagy and neddylation pathways as a novel therapeutic approach for targeting liver cancer. <i>Oncotarget</i> , 2015, 6, 9002-9017.	1.8	40
18	Validation of NEDD8-conjugating enzyme UBC12 as a new therapeutic target in lung cancer. <i>EBioMedicine</i> , 2019, 45, 81-91.	6.1	40

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19	Autophagy and its function in radiosensitivity. <i>Tumor Biology</i> , 2015, 36, 4079-4087.	1.8	37
20	eEF2K promotes progression and radioresistance of esophageal squamous cell carcinoma. <i>Radiotherapy and Oncology</i> , 2017, 124, 439-447.	0.6	36
21	Non-hematopoietic STAT6 induces epithelial tight junction dysfunction and promotes intestinal inflammation and tumorigenesis. <i>Mucosal Immunology</i> , 2019, 12, 1304-1315.	6.0	33
22	Targeting Protein Neddylolation for Cancer Therapy. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1217, 297-315.	1.6	33
23	Neddylolation Inactivation Facilitates FOXO3a Nuclear Export to Suppress Estrogen Receptor Transcription and Improve Fulvestrant Sensitivity. <i>Clinical Cancer Research</i> , 2019, 25, 3658-3672.	7.0	31
24	Hypoxia induced changes in miRNAs and their target mRNAs in extracellular vesicles of esophageal squamous cancer cells. <i>Thoracic Cancer</i> , 2020, 11, 570-580.	1.9	31
25	Molecular mechanisms of lncRNAs in regulating cancer cell radiosensitivity. <i>Bioscience Reports</i> , 2019, 39, .	2.4	31
26	Inhibition of neddylation by MLN4924 improves neointimal hyperplasia and promotes apoptosis of vascular smooth muscle cells through p53 and p62. <i>Cell Death and Differentiation</i> , 2018, 25, 319-329.	11.2	29
27	An anticancer agent-loaded PLGA nanomedicine with glutathione-response and targeted delivery for the treatment of lung cancer. <i>Journal of Materials Chemistry B</i> , 2020, 8, 655-665.	5.8	29
28	Foretinib Enhances the Radiosensitivity in Esophageal Squamous Cell Carcinoma by Inhibiting Phosphorylation of c-Met. <i>Journal of Cancer</i> , 2017, 8, 983-992.	2.5	25
29	Pattern of Recurrence Analysis in Metastatic EGFR-Mutant NSCLC Treated with Osimertinib: Implications for Consolidative Stereotactic Body Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 107, 62-71.	0.8	25
30	Radiosensitization by the investigational NEDD8-activating enzyme inhibitor MLN4924 (pevonedistat) in hormone-resistant prostate cancer cells. <i>Oncotarget</i> , 2016, 7, 38380-38391.	1.8	25
31	Blockage of autophagy pathway enhances <i>Salmonella</i> tumor-targeting. <i>Oncotarget</i> , 2016, 7, 22873-22882.	1.8	24
32	Moderately Hypofractionated Once-Daily Compared With Twice-Daily Thoracic Radiation Therapy Concurrently With Etoposide and Cisplatin in Limited-Stage Small Cell Lung Cancer: A Multicenter, Phase II, Randomized Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 424-435.	0.8	22
33	Clinical Value of Upfront Cranial Radiation Therapy in Osimertinib-Treated Epidermal Growth Factor Receptor Mutant Non-Small Cell Lung Cancer With Brain Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 804-815.	0.8	22
34	Predicting the Value of Adjuvant Therapy in Esophageal Squamous Cell Carcinoma by Combining the Total Number of Examined Lymph Nodes with the Positive Lymph Node Ratio. <i>Annals of Surgical Oncology</i> , 2019, 26, 2367-2374.	1.5	21
35	Regulatory T Cells: An Emerging Player in Radiation-Induced Lung Injury. <i>Frontiers in Immunology</i> , 2020, 11, 1769.	4.8	21
36	Neddylolation inhibition activates the protective autophagy through NF- $\kappa$ B-catalase-ATF3 Axis in human esophageal cancer cells. <i>Cell Communication and Signaling</i> , 2020, 18, 72.	6.5	21

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37	ABCA8-mediated efflux of taurocholic acid contributes to gemcitabine insensitivity in human pancreatic cancer via the S1PR2-ERK pathway. <i>Cell Death Discovery</i> , 2021, 7, 6.	4.7	21
38	Overall survival benefit of osimertinib and clinical value of upfront cranial local therapy in untreated EGFR-mutant nonsmall cell lung cancer with brain metastasis. <i>International Journal of Cancer</i> , 2022, 150, 1318-1328.	5.1	21
39	Targeting the Neddylaton Pathway to Suppress the Growth of Prostate Cancer Cells: Therapeutic Implication for the Men's Cancer. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	20
40	A Bibliometric Analysis and Visualization of Current Research Trends in Chinese Medicine for Osteosarcoma. <i>Chinese Journal of Integrative Medicine</i> , 2022, 28, 445-452.	1.6	20
41	Targeting neddylation inhibits intravascular survival and extravasation of cancer cells to prevent lung-cancer metastasis. <i>Cell Biology and Toxicology</i> , 2019, 35, 233-245.	5.3	18
42	Survival outcomes and symptomatic central nervous system (CNS) metastasis in EGFR-mutant advanced non-small cell lung cancer without baseline CNS metastasis: Osimertinib vs. first-generation EGFR tyrosine kinase inhibitors. <i>Lung Cancer</i> , 2020, 150, 178-185.	2.0	18
43	Mechanisms and Implications of CDK4/6 Inhibitors for the Treatment of NSCLC. <i>Frontiers in Oncology</i> , 2021, 11, 676041.	2.8	17
44	NEDD8-activating enzyme inhibitor, MLN4924 (Pevonedistat) induces NOXA-dependent apoptosis through up-regulation of ATF-4. <i>Biochemical and Biophysical Research Communications</i> , 2017, 488, 1-5.	2.1	16
45	Optimal timing and clinical value of radiotherapy in advanced ALK-rearranged non-small cell lung cancer with or without baseline brain metastases: implications from pattern of failure analyses. <i>Radiation Oncology</i> , 2019, 14, 44.	2.7	16
46	The value of local consolidative therapy in Osimertinib-treated non-small cell lung cancer with oligo-residual disease. <i>Radiation Oncology</i> , 2020, 15, 207.	2.7	16
47	The CRL3BTBD9 E3 ubiquitin ligase complex targets TNFAIP1 for degradation to suppress cancer cell migration. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 42.	17.1	16
48	Patterns of brain metastasis immediately before prophylactic cranial irradiation (PCI): implications for PCI optimization in limited-stage small cell lung cancer. <i>Radiation Oncology</i> , 2019, 14, 171.	2.7	15
49	Patterns and risks of postoperative recurrence in completely resected EGFR-mutant non-small cell lung cancer: prognostic significance of routine immunohistochemical markers. <i>Translational Lung Cancer Research</i> , 2019, 8, 967-978.	2.8	15
50	Tumor-associated antigen Prame targets tumor suppressor p14/ARF for degradation as the receptor protein of CRL2Prame complex. <i>Cell Death and Differentiation</i> , 2021, 28, 1926-1940.	11.2	15
51	A multiomics study delineates new molecular features and therapeutic targets for esophageal squamous cell carcinoma. <i>Clinical and Translational Medicine</i> , 2021, 11, e538.	4.0	15
52	Identification of lncRNA, MicroRNA, and mRNA-Associated CeRNA Network of Radiation-Induced Lung Injury in a Mice Model. <i>Dose-Response</i> , 2019, 17, 155932581989101.	1.6	14
53	Discovery of candesartan cilexetic as a novel neddylation inhibitor for suppressing tumor growth. <i>European Journal of Medicinal Chemistry</i> , 2020, 185, 111848.	5.5	14
54	Co-operation of $\beta$ -galactosylceramide-loaded tumour cells and TLR9 agonists induce potent anti-tumour responses in a murine colon cancer model. <i>Biochemical Journal</i> , 2016, 473, 7-19.	3.7	13

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55	NEDD8-conjugating enzyme UBC12 as a novel therapeutic target in esophageal squamous cell carcinoma. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 123.	17.1	12
56	Targeting neddylation pathway with MLN4924 (Pevonedistat) induces NOXA-dependent apoptosis in renal cell carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2017, 490, 1183-1188.	2.1	11
57	Induction of NEDD8-conjugating enzyme E2 UBE2F by platinum protects lung cancer cells from apoptosis and confers to platinum-insensitivity. <i>Cell Death and Disease</i> , 2020, 11, 975.	6.3	11
58	Development of novel benzimidazole-derived neddylation inhibitors for suppressing tumor growth in vitro and in vivo. <i>European Journal of Medicinal Chemistry</i> , 2021, 210, 112964.	5.5	11
59	Five-day water-only fasting decreased metabolic syndrome risk factors and increased antiaging biomarkers without toxicity in a clinical trial of normal weight individuals. <i>Clinical and Translational Medicine</i> , 2021, 11, e502.	4.0	11
60	Is a clinical target volume (CTV) necessary for locally advanced non-small cell lung cancer treated with intensity-modulated radiotherapy? a dosimetric evaluation of three different treatment plans. <i>Journal of Thoracic Disease</i> , 2017, 9, 5194-5202.	1.4	10
61	Is clinical target volume necessary? a failure pattern analysis in patients with locally advanced non-small cell lung cancer treated with concurrent chemoradiotherapy using intensity-modulated radiotherapy technique. <i>Translational Lung Cancer Research</i> , 2020, 9, 1986-1995.	2.8	10
62	A narrative review of evolving roles of radiotherapy in advanced non-small cell lung cancer: from palliative care to active player. <i>Translational Lung Cancer Research</i> , 2020, 9, 2479-2493.	2.8	10
63	Recommendation for the definition of postoperative radiotherapy target volume based on a pooled analysis of patterns of failure after radical surgery among patients with thoracic esophageal squamous cell carcinoma. <i>Radiation Oncology</i> , 2018, 13, 255.	2.7	9
64	Immune checkpoint inhibitors: a new era for esophageal cancer. <i>Expert Review of Anticancer Therapy</i> , 2019, 19, 731-738.	2.4	9
65	Effective targeting of the ubiquitin-like modifier NEDD8 for lung adenocarcinoma treatment. <i>Cell Biology and Toxicology</i> , 2020, 36, 349-364.	5.3	9
66	Andrographolide Induces Noxa-Dependent Apoptosis by Transactivating ATF4 in Human Lung Adenocarcinoma Cells. <i>Frontiers in Pharmacology</i> , 2021, 12, 680589.	3.5	9
67	Neddylation Regulates Macrophages and Implications for Cancer Therapy. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 681186.	3.7	9
68	Identification and Integrated Analysis of circRNA and miRNA of Radiation-Induced Lung Injury in a Mouse Model. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 4421-4431.	3.5	9
69	SCFFBXO28-mediated self-ubiquitination of FBXO28 promotes its degradation. <i>Cellular Signalling</i> , 2020, 65, 109440.	3.6	8
70	Camptothecin Inhibits Neddylation to Activate the Protective Autophagy Through NF- $\kappa$ B/AMPK/mTOR/ULK1 Axis in Human Esophageal Cancer Cells. <i>Frontiers in Oncology</i> , 2021, 11, 671180.	2.8	8
71	Andrographolide, a diterpene lactone from the Traditional Chinese Medicine <i>Andrographis paniculate</i> , induces senescence in human lung adenocarcinoma via p53/p21 and Skp2/p27. <i>Phytomedicine</i> , 2022, 98, 153933.	5.3	8
72	Outcomes for Surgery in Stage IA Large Cell Lung Neuroendocrine Compared With Other Types of Non-Small Cell Lung Cancer: A Propensity Score Matching Study Based on the Surveillance, Epidemiology, and End Results (SEER) Database. <i>Frontiers in Oncology</i> , 2020, 10, 572462.	2.8	7

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73	Oleanolic acid blocks the purine salvage pathway for cancer therapy by inactivating SOD1 and stimulating lysosomal proteolysis. <i>Molecular Therapy - Oncolytics</i> , 2021, 23, 107-123.	4.4	7
74	Combination of curcumin and ginkgolide B inhibits cystogenesis by regulating multiple signaling pathways. <i>Molecular Medicine Reports</i> , 2021, 23, .	2.4	6
75	Fangchinoline Inhibits Human Esophageal Cancer by Transactivating ATF4 to Trigger Both Noxa-Dependent Intrinsic and DR5-Dependent Extrinsic Apoptosis. <i>Frontiers in Oncology</i> , 2021, 11, 666549.	2.8	6
76	Clinical outcomes of advanced non-small cell lung cancer patients harboring distinct subtypes of EGFR mutations and receiving first-line tyrosine kinase inhibitors: brain metastasis and de novo T790M matters. <i>BMC Cancer</i> , 2022, 22, 198.	2.6	6
77	Brain metastases, patterns of intracranial progression, and the clinical value of upfront cranial radiotherapy in patients with metastatic non-small cell lung cancer treated with PD-1/PD-L1 inhibitors. <i>Translational Lung Cancer Research</i> , 2022, 11, 173-187.	2.8	6
78	Cullin3-TNFAIP1 E3 Ligase Controls Inflammatory Response in Hepatocellular Carcinoma Cells via Ubiquitination of RhoB. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 617134.	3.7	5
79	Pharmacological Inhibition of Glutaminase 1 Attenuates Alkali-Induced Corneal Neovascularization by Modulating Macrophages. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-19.	4.0	5
80	The Tumor Microenvironment and Cancer. <i>BioMed Research International</i> , 2014, 2014, 1-1.	1.9	4
81	Prognostic value of EGFR family expression in lymph node-negative esophageal squamous cell carcinoma patients. <i>Pathology Research and Practice</i> , 2018, 214, 1017-1023.	2.3	4
82	Radiographic Features of Metastatic Brain Tumors from ALK-rearranged Non-small Cell Lung Cancer: Implications for Optimal Treatment Modalities. <i>Journal of Cancer</i> , 2019, 10, 6660-6665.	2.5	4
83	LncRNA-RP11 Modulates TGF- $\beta$ 1-Activated Radiation-Induced Lung Injury Through Downregulating microRNA-29a. <i>Dose-Response</i> , 2020, 18, 155932582094907.	1.6	4
84	A brief report on incidence, radiographic feature and prognostic significance of brain MRI changes after anti-PD-1/PD-L1 therapy in advanced non-small cell lung cancer. <i>Cancer Immunology, Immunotherapy</i> , 2021, , 1.	4.2	4
85	Esophageal Carcinosarcoma: Analysis of Clinical Features and Prognosis of 24 Cases and a Literature Review. <i>Cancer Control</i> , 2021, 28, 107327482110048.	1.8	3
86	Overexpressed NEDD8 as a potential therapeutic target in esophageal squamous cell carcinoma. <i>Cancer Biology and Medicine</i> , 2021, 19, 504-517.	3.0	3
87	Synthesis and Preliminary Evaluation of a Novel 18F-Labeled 2-Nitroimidazole Derivative for Hypoxia Imaging. <i>Frontiers in Oncology</i> , 2020, 10, 572097.	2.8	3
88	ADCK1 activates the $\beta$ -catenin/TCF signaling pathway to promote the growth and migration of colon cancer cells. <i>Cell Death and Disease</i> , 2021, 12, 354.	6.3	2
89	Regulation of SKP2 protein stability by heat shock protein 90 chaperone machinery. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 276.	17.1	1
90	Blood-based TMB detection and dynamic monitor in local advanced non-small cell lung cancer (NSCLC) patients.. <i>Journal of Clinical Oncology</i> , 2019, 37, e20039-e20039.	1.6	1

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91	Changrui enema inhibits inflammation-induced angiogenesis in acute radiation proctitis by regulating NF- $\kappa$ B and VEGF. <i>Acta Cirurgica Brasileira</i> , 2020, 35, e202000502.	0.7	1
92	PD-L1 Expression and Intra-Tumoral CD8 <sup>+</sup> T Lymphocytes in Esophageal Carcinosarcoma. <i>Cancer Investigation</i> , 2022, 40, 337-347.	1.3	1
93	Clinical value of PET/CT in identifying patients with oligometastatic/oligoprogressive disease among first-line tyrosine kinase inhibitor-treated advanced EGFR-mutant non-small cell lung cancer: Implications from survival comparisons. <i>British Journal of Radiology</i> , 2022, 95, .	2.2	1
94	Para-aortic lymph node metastasis in lower Thoracic Esophageal Squamous Cell Carcinoma after Radical Esophagectomy: a CT-based atlas and its clinical implications for Adjuvant Radiotherapy. <i>Journal of Cancer</i> , 2021, 12, 1734-1741.	2.5	0
95	Radiographic features of metastatic brain tumors from non-small cell lung cancer with ALK rearrangement.. <i>Journal of Clinical Oncology</i> , 2017, 35, e20533-e20533.	1.6	0
96	Is Performance of Fluorine-18-fluorodeoxyglucose Positron Emission Tomography/Computed tomography (CT) or Contrast-enhanced CT Efficient Enough to Guide the Hilar Lymph Node Staging for Patients with Esophageal Squamous Cell Carcinoma?. <i>Frontiers in Oncology</i> , 2022, 12, 814238.	2.8	0
97	Identification of hub mRNA, miRNAs and LncRNAs of uveal melanoma with weighted gene correlation network analysis. , 2021, , .		0