

# Bo Xu

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,613  
citations

430754

18  
h-index

330025

37  
g-index

41  
all docs

41  
docs citations

41  
times ranked

2900  
citing authors

#	ARTICLE	IF	CITATIONS
1	A deep learning algorithm using CT images to screen for Corona virus disease (COVID-19). <i>European Radiology</i> , 2021, 31, 6096-6104.	2.3	742
2	Aurora-B Mediated ATM Serine 1403 Phosphorylation Is Required for Mitotic ATM Activation and the Spindle Checkpoint. <i>Molecular Cell</i> , 2011, 44, 597-608.	4.5	96
3	Addition of carbonic anhydrase 9 inhibitor SLC-0111 to temozolomide treatment delays glioblastoma growth in vivo. <i>JCI Insight</i> , 2017, 2, .	2.3	94
4	The versatile functions of ATM kinase. <i>Biomedical Journal</i> , 2014, 37, 3.	1.4	76
5	Transcriptional Downregulation of miR-4306 serves as a New Therapeutic Target for Triple Negative Breast Cancer. <i>Theranostics</i> , 2019, 9, 1401-1416.	4.6	54
6	Role of Wnt Co-Receptor LRP6 in Triple Negative Breast Cancer Cell Migration and Invasion. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 2968-2976.	1.2	51
7	Oncogenic HOXB8 is driven by MYC-regulated super-enhancer and potentiates colorectal cancer invasiveness via BACH1. <i>Oncogene</i> , 2020, 39, 1004-1017.	2.6	45
8	The kinetochore protein Bub1 participates in the DNA damage response. <i>DNA Repair</i> , 2012, 11, 185-191.	1.3	44
9	Speckle-type POZ protein, SPOP, is involved in the DNA damage response. <i>Carcinogenesis</i> , 2014, 35, 1691-1697.	1.3	38
10	Elevated Aurora B expression contributes to chemoresistance and poor prognosis in breast cancer. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 751-7.	0.5	32
11	Pathway-Structured Predictive Model for Cancer Survival Prediction: A Two-Stage Approach. <i>Genetics</i> , 2017, 205, 89-100.	1.2	31
12	ATM-mediated Mad1 Serine 214 phosphorylation regulates Mad1 dimerization and the spindle assembly checkpoint. <i>Carcinogenesis</i> , 2014, 35, 2007-2013.	1.3	28
13	A radiosensitivity MiRNA signature validated by the TCGA database for head and neck squamous cell carcinomas. <i>Oncotarget</i> , 2015, 6, 34649-34657.	0.8	28
14	Computational Study of the Ion and Water Permeation and Transport Mechanisms of the SARS-CoV-2 Pentameric E Protein Channel. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 565797.	1.6	26
15	Rho-associated protein kinase-dependent moesin phosphorylation is required for PD-L1 stabilization in breast cancer. <i>Molecular Oncology</i> , 2020, 14, 2701-2712.	2.1	24
16	A MicroRNA Expression Signature In Taxane-anthracycline-Based Neoadjuvant Chemotherapy Response. <i>Journal of Cancer</i> , 2015, 6, 671-677.	1.2	21
17	Functional roles of Speckle-Type Poz (SPOP) Protein in Genomic stability. <i>Journal of Cancer</i> , 2018, 9, 3257-3262.	1.2	21
18	Predictive role of Glutathione S-transferases (GSTs) on the prognosis of osteosarcoma patients treated with chemotherapy. <i>Pakistan Journal of Medical Sciences</i> , 2013, 29, 1182-6.	0.3	20

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19	KAT5 promotes invasion and metastasis through C-MYC stabilization in ATC. <i>Endocrine-Related Cancer</i> , 2019, 26, 141-151.	1.6	19
20	Transvaginal cholecystectomy <i>vs</i> conventional laparoscopic cholecystectomy for gallbladder disease: A meta-analysis. <i>World Journal of Gastroenterology</i> , 2015, 21, 5393.	1.4	19
21	Prognostic Implications of Molecular Subtypes in Primary Small Cell Lung Cancer and Their Correlation With Cancer Immunity. <i>Frontiers in Oncology</i> , 2022, 12, 779276.	1.3	14
22	Regulation of Integrated Stress Response Sensitizes U87MG Glioblastoma Cells to Temozolomide Through the Mitochondrial Apoptosis Pathway. <i>Anatomical Record</i> , 2018, 301, 1390-1397.	0.8	12
23	GLI1 Inhibitor SRI-38832 Attenuates Chemotherapeutic Resistance by Downregulating NBS1 Transcription in BRAFV600E Colorectal Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 241.	1.3	11
24	Aurora kinase B dependent phosphorylation of 53BP1 is required for resolving merotelic kinetochore-microtubule attachment errors during mitosis. <i>Oncotarget</i> , 2017, 8, 48671-48687.	0.8	10
25	Dynamic surveillance of tamoxifen resistance in ER positive breast cancer by CAIX targeted ultrasound imaging. <i>Cancer Medicine</i> , 2020, 9, 2414-2426.	1.3	8
26	A review of stereotactic body radiation therapy (SBRT) from the molecular radiobiology perspective. <i>Journal of Radiation Oncology</i> , 2012, 1, 311-316.	0.7	7
27	Genomic Heterogeneity and Clonal Evolution in Gastroesophageal Junction Cancer Revealed by Single Cell DNA Sequencing. <i>Frontiers in Oncology</i> , 2021, 11, 672020.	1.3	7
28	Role of BCLAF1 in PD-L1 stabilization in response to ionizing irradiation. <i>Cancer Science</i> , 2021, 112, 4064-4074.	1.7	7
29	Development of a novel biomarker model for predicting preoperative lymph node metastatic extent in esophageal squamous cell carcinoma. <i>Oncotarget</i> , 2017, 8, 105790-105799.	0.8	7
30	Serum testosterone level after intensity-modulated radiotherapy in low-risk prostate cancer patients: does testicular dose correlate with testosterone level?. <i>Journal of Radiation Oncology</i> , 2012, 1, 173-177.	0.7	6
31	A quick evaluation method of nosocomial infection risk for cancer hospitals during the COVID-19 pandemic. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 1891-1892.	1.2	3
32	A disease-relevant mutation of SPOP highlights functional significance of ATM-mediated DNA damage response. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 17.	7.1	3
33	The SPOP-ITCH Signaling Axis Protects Against Prostate Cancer Metastasis. <i>Frontiers in Oncology</i> , 2021, 11, 658230.	1.3	3
34	Concurrent mutations associated with trastuzumab-resistance revealed by single cell sequencing. <i>Breast Cancer Research and Treatment</i> , 2021, 187, 613-624.	1.1	2
35	A heterogeneous cellular response to ionizing radiation revealed by single cell transcriptome sequencing. <i>American Journal of Cancer Research</i> , 2021, 11, 513-529.	1.4	2
36	A two-stage approach for combining gene expression and mutation with clinical data improves survival prediction in myelodysplastic syndromes and ovarian cancer. <i>Journal of Bioinformatics and Genomics</i> , 2016, 1, .	0.0	1

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37	Kinetochores protein MAD1 participates in the DNA damage response through ataxia-telangiectasia mutated kinase-mediated phosphorylation and enhanced interaction with KU80. <i>Cancer Biology and Medicine</i> , 2020, 17, 640-651.	1.4	1
38	The functional significance of ATM phosphorylation of Bub3 on Serine 135 in sensitivity to DNA damaging agents.. <i>Journal of Clinical Oncology</i> , 2021, 39, e15048-e15048.	0.8	0