Junjie Chen

List of Publications by Year
in descending order

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111 papers	14,518 citations	30070 54 h-index	24258 110 g-index
230 all docs	230 docs citations	230 times ranked	17727 citing authors

#	Article	IF	Citations
1	Histone chaperone ASF1 acts with RIF1 to promote DNA end joining in BRCA1-deficient cells. Journal of Biological Chemistry, 2022, 298, 101979.	3.4	7
2	Genome-wide CRISPR screens using isogenic cells reveal vulnerabilities conferred by loss of tumor suppressors. Science Advances, 2022, 8, eabm6638.	10.3	17
3	ATR-mediated CD47 and PD-L1 up-regulation restricts radiotherapy-induced immune priming and abscopal responses in colorectal cancer. Science Immunology, 2022, 7, .	11.9	52
4	Integrated screens uncover a cell surface tumor suppressor gene KIRREL involved in Hippo pathway. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	10
5	Selective Labeling and Identification of the Tumor Cell Proteome of Pancreatic Cancer In Vivo. Journal of Proteome Research, 2021, 20, 858-866.	3.7	10
6	Mass spectrometry-based protein-protein interaction techniques and their applications in studies of DNA damage repair. Journal of Zhejiang University: Science B, 2021, 22, 1-20.	2.8	3
7	mTORC1 couples cyst(e)ine availability with GPX4 protein synthesis and ferroptosis regulation. Nature Communications, 2021, 12, 1589.	12.8	317
8	PAF remodels the DREAM complex to bypass cell quiescence and promote lung tumorigenesis. Molecular Cell, 2021, 81, 1698-1714.e6.	9.7	35
9	Non-canonical function of DGCR8 in DNA double-strand break repair signaling and tumor radioresistance. Nature Communications, 2021, 12, 4033.	12.8	12
10	Ubiquitylation in DNA double-strand break repair. DNA Repair, 2021, 103, 103129.	2.8	7
11	Interactomes of SARSâ€CoVâ€2 and human coronaviruses reveal host factors potentially affecting pathogenesis. EMBO Journal, 2021, 40, e107776.	7.8	53
12	Genetic vulnerabilities upon inhibition of DNA damage response. Nucleic Acids Research, 2021, 49, 8214-8231.	14.5	17
13	Genome-wide CRISPR screens reveal cyclin C as synthetic survival target of BRCA2. Nucleic Acids Research, 2021, 49, 7476-7491.	14.5	13
14	Low-density-lipoprotein-receptor-related protein 1 mediates Notch pathway activation. Developmental Cell, 2021, 56, 2902-2919.e8.	7.0	22
15	DNAâ€“protein cross-link repair: what do we know now?. Cell and Bioscience, 2020, 10, 3.	4.8	32
16	AMPK Interactome Reveals New Function in Non-homologous End Joining DNA Repair. Molecular and Cellular Proteomics, 2020, 19, 467-477.	3.8	11
17	Elucidation of <scp>WW</scp> domain ligand binding specificities in the Hippo pathway reveals <scp>STXBP</scp> 4 as <scp>YAP</scp> inhibitor. EMBO Journal, 2020, 39, e102406.	7.8	23
18	ATR inhibition potentiates ionizing radiationâ€induced interferon response via cytosolic nucleic acidâ€sensing pathways. EMBO Journal, 2020, 39, e104036.	7.8	87

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19	FOXK1 Participates in DNA Damage Response by Controlling 53BP1 Function. Cell Reports, 2020, 32, 108018.	6.4	13
20	C17orf53 is identified as a novel gene involved in inter-strand crosslink repair. DNA Repair, 2020, 95, 102946.	2.8	14
21	Extracellular signal-regulated kinases associate with and phosphorylate DHPS to promote cell proliferation. Oncogenesis, 2020, 9, 85.	4.9	5
22	Proteome-wide Analysis Reveals Substrates of E3 Ligase RNF146 Targeted for Degradation. Molecular and Cellular Proteomics, 2020, 19, 2015-2030.	3.8	13
23	DNA polymerase Î¹ compensates for Fanconi anemia pathway deficiency by countering DNA replication stress. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 33436-33445.	7.1	13
24	<scp>HMCES</scp> safeguards replication from oxidative stress and ensures errorâ€free repair. EMBO Reports, 2020, 21, e49123.	4.5	27
25	CRISPR/CAS9-based DNA damage response screens reveal gene-drug interactions. DNA Repair, 2020, 87, 102803.	2.8	23
26	The ARK Assay Is a Sensitive and Versatile Method for the Global Detection of DNA-Protein Crosslinks. Cell Reports, 2020, 30, 1235-1245.e4.	6.4	18
27	Genome-wide CRISPR screen uncovers a synergistic effect of combining Haspin and Aurora kinase B inhibition. Oncogene, 2020, 39, 4312-4322.	5.9	16
28	Phosphoproteomics Analysis Reveals a Potential Role of CHK1 in Regulation of Innate Immunity through IRF3. Journal of Proteome Research, 2020, 19, 2264-2277.	3.7	3
29	Biological and clinical aspects of HPV-related cancers. Cancer Biology and Medicine, 2020, 17, 864-878.	3.0	140
30	Nuclear receptors regulate alternative lengthening of telomeres through a novel noncanonical FANCD2 pathway. Science Advances, 2019, 5, eaax6366.	10.3	20
31	SLX4IP acts with SLX4 and XPFâ€“ERCC1 to promote interstrand crosslink repair. Nucleic Acids Research, 2019, 47, 10181-10201.	14.5	26
32	Tankyrase disrupts metabolic homeostasis and promotes tumorigenesis by inhibiting LKB1-AMPK signalling. Nature Communications, 2019, 10, 4363.	12.8	61
33	Remodeling of Interstrand Crosslink Proximal Replisomes Is Dependent on ATR, FANCM, and FANCD2. Cell Reports, 2019, 27, 1794-1808.e5.	6.4	44
34	Global phosphoproteomic analysis reveals ARMC10 as an AMPK substrate that regulates mitochondrial dynamics. Nature Communications, 2019, 10, 104.	12.8	61
35	Genome-wide CRISPR screens reveal synthetic lethality of RNASEH2 deficiency and ATR inhibition. Oncogene, 2019, 38, 2451-2463.	5.9	97
36	ZRANB1 Is an EZH2 Deubiquitinase and a Potential Therapeutic Target in Breast Cancer. Cell Reports, 2018, 23, 823-837.	6.4	42

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37	Replisome Dynamics and Their Functional Relevance upon DNA Damage through the PCNA Interactome. Cell Reports, 2018, 25, 3869-3883.e4.	6.4	32
38	Delineating WWOX Protein Interactome by Tandem Affinity Purification-Mass Spectrometry: Identification of Top Interactors and Key Metabolic Pathways Involved. Frontiers in Oncology, 2018, 8, 591.	2.8	28
39	Mitosis-specific MRN complex promotes a mitotic signaling cascade to regulate spindle dynamics and chromosome segregation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10079-E10088.	7.1	27
40	TMEM9 promotes intestinal tumorigenesis through vacuolar-ATPase-activated Wnt/Î²-catenin signalling. Nature Cell Biology, 2018, 20, 1421-1433.	10.3	64
41	Deregulation of CRAD-controlled cytoskeleton initiates mucinous colorectal cancer via Î²-catenin. Nature Cell Biology, 2018, 20, 1303-1314.	10.3	38
42	BAP1 links metabolic regulation of ferroptosis to tumour suppression. Nature Cell Biology, 2018, 20, 1181-1192.	10.3	565
43	CDK16 Phosphorylates and Degrades p53 to Promote Radioresistance and Predicts Prognosis in Lung Cancer. Theranostics, 2018, 8, 650-662.	10.0	41
44	S6K1 phosphorylation-dependent degradation of Mxi1 by Î²-Trcp ubiquitin ligase promotes Myc activation and radioresistance in lung cancer. Theranostics, 2018, 8, 1286-1300.	10.0	33
45	The p53-binding protein 1-Tudor-interacting repair regulator complex participates in the DNA damage response. Journal of Biological Chemistry, 2017, 292, 6461-6467.	3.4	37
46	Clustered, Regularly Interspaced Short Palindromic Repeats (CRISPR)/Cas9-coupled Affinity Purification/Mass Spectrometry Analysis Revealed a Novel Role of Neurofibromin in mTOR Signaling. Molecular and Cellular Proteomics, 2017, 16, 594-607.	3.8	13
47	Recent progress in mass spectrometry proteomics for biomedical research. Science China Life Sciences, 2017, 60, 1093-1113.	4.9	97
48	Proteomic Analysis of the Human Tankyrase Protein Interaction Network Reveals Its Role in Pexophagy. Cell Reports, 2017, 20, 737-749.	6.4	69
49	A transcriptional coregulator, SPINÂ·DOC, attenuates the coactivator activity of Spindlin1. Journal of Biological Chemistry, 2017, 292, 20808-20817.	3.4	28
50	Loss of the transforming growth factorâ€Î²2 effector Î²2â€Spectrin promotes genomic instability. Hepatology, 2017, 65, 678-693.	7.3	31
51	novoBreak: local assembly for breakpoint detection in cancer genomes. Nature Methods, 2017, 14, 65-67.	19.0	93
52	53BP1: keep an eye on merotely. Oncotarget, 2017, 8, 48527-48528.	1.8	1
53	<scp>SLFN</scp> 11 inhibits checkpoint maintenance and homologous recombination repair. EMBO Reports, 2016, 17, 94-109.	4.5	116
54	Identification of KIAA1199 as a Biomarker for Pancreatic Intraepithelial Neoplasia. Scientific Reports, 2016, 6, 38273.	3.3	24

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55	Proteomic Analysis Reveals a Novel Mutator S (MutS) Partner Involved in Mismatch Repair Pathway. Molecular and Cellular Proteomics, 2016, 15, 1299-1308.	3.8	28
56	PARP Inhibition Suppresses Growth of EGFR-Mutant Cancers by Targeting Nuclear PKM2. Cell Reports, 2016, 15, 843-856.	6.4	46
57	FOXR2 Interacts with MYC to Promote Its Transcriptional Activities and Tumorigenesis. Cell Reports, 2016, 16, 487-497.	6.4	28
58	Large tumor suppressor homologs 1 and 2 regulate mouse liver progenitor cell proliferation and maturation through antagonism of the coactivators YAP and TAZ. Hepatology, 2016, 64, 1757-1772.	7.3	79
59	H1 provides the missing link. Cell Research, 2016, 26, 5-6.	12.0	2
60	Defining the Protein-Protein Interaction Network of the Human Protein Tyrosine Phosphatase Family. Molecular and Cellular Proteomics, 2016, 15, 3030-3044.	3.8	41
61	RPA-Binding Protein ETAA1 Is an ATR Activator Involved in DNA Replication Stress Response. Current Biology, 2016, 26, 3257-3268.	3.9	111
62	LIG4 mediates Wnt signalling-induced radioresistance. Nature Communications, 2016, 7, 10994.	12.8	86
63	LncRNA NBR2 engages a metabolic checkpoint by regulating AMPK under energy stress. Nature Cell Biology, 2016, 18, 431-442.	10.3	239
64	PAF-Wnt signaling-induced cell plasticity is required for maintenance of breast cancer cell stemness. Nature Communications, 2016, 7, 10633.	12.8	63
65	System-Wide Modulation of HECT E3 Ligases with Selective Ubiquitin Variant Probes. Molecular Cell, 2016, 62, 121-136.	9.7	142
66	Cell cycle-dependent inhibition of 53BP1 signaling by BRCA1. Cell Discovery, 2015, 1, 15019.	6.7	59
67	Colorectal cancer drug target prediction using ontology-based inference and network analysis. Database: the Journal of Biological Databases and Curation, 2015, 2015, .	3.0	28
68	UHRF1 Contributes to DNA Damage Repair as a Lesion Recognition Factor and Nuclease Scaffold. Cell Reports, 2015, 10, 1957-1966.	6.4	80
69	Poly-ADP ribosylation of PTEN by tankyrases promotes PTEN degradation and tumor growth. Genes and Development, 2015, 29, 157-170.	5.9	103
70	Aberrant Expression of proPTPRN2 in Cancer Cells Confers Resistance to Apoptosis. Cancer Research, 2015, 75, 1846-1858.	0.9	24
71	FOXKs Promote Wnt/β-Catenin Signaling by Translocating DVL into the Nucleus. Developmental Cell, 2015, 32, 707-718.	7.0	106
72	REV7 counteracts DNA double-strand break resection and affects PARP inhibition. Nature, 2015, 521, 541-544.	27.8	487

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73	AMPK modulates Hippo pathway activity to regulate energy homeostasis. Nature Cell Biology, 2015, 17, 490-499.	10.3	411
74	TopBP1 Stabilizes BLM Protein to Suppress Sister Chromatid Exchange. Molecular Cell, 2015, 57, 955-956.	9.7	4
75	Proteomic analyses reveal distinct chromatinâ€associated and soluble transcription factor complexes. Molecular Systems Biology, 2015, 11, 775.	7.2	121
76	Tankyrase Inhibitors Target YAP by Stabilizing Angiomotin Family Proteins. Cell Reports, 2015, 13, 524-532.	6.4	160
77	PTIP associates with Artemis to dictate DNA repair pathway choice. Genes and Development, 2014, 28, 2693-2698.	5.9	95
78	miR-205 acts as a tumour radiosensitizer by targeting ZEB1 and Ubc13. Nature Communications, 2014, 5, 5671.	12.8	148
79	P53-participated cellular and molecular responses to irradiation are cell differentiation-determined in murine intestinal epithelium. Archives of Biochemistry and Biophysics, 2014, 542, 21-27.	3.0	4
80	Proteomic Analysis of the Human Cyclin-dependent Kinase Family Reveals a Novel CDK5 Complex Involved in Cell Growth and Migration. Molecular and Cellular Proteomics, 2014, 13, 2986-3000.	3.8	34
81	ATM-mediated stabilization of ZEB1 promotes DNA damage response and radioresistance through CHK1. Nature Cell Biology, 2014, 16, 864-875.	10.3	367
82	Mitochondrial reactive oxygen species are scavenged by Cockayne syndrome B protein in human fibroblasts without nuclear DNA damage. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13487-13492.	7.1	57
83	Polo-like kinase 3 regulates CtIP during DNA double-strand break repair in G1. Journal of Cell Biology, 2014, 206, 877-894.	5.2	92
84	Defining the Proteinâ€“Protein Interaction Network of the Human Hippo Pathway. Molecular and Cellular Proteomics, 2014, 13, 119-131.	3.8	126
85	Modularized Functions of the Fanconi Anemia Core Complex. Cell Reports, 2014, 7, 1849-1857.	6.4	81
86	TopBP1 Controls BLM Protein Level to Maintain Genome Stability. Molecular Cell, 2013, 52, 667-678.	9.7	51
87	Deubiquitylation and stabilization of PTEN by USP13. Nature Cell Biology, 2013, 15, 1486-1494.	10.3	172
88	RIF1 Counteracts BRCA1-mediated End Resection during DNA Repair. Journal of Biological Chemistry, 2013, 288, 11135-11143.	3.4	235
89	Functional Divergence of Fanconi Anemia Genes. FASEB Journal, 2013, 27, .	0.5	0
90	Proliferating Cell Nuclear Antigen (PCNA)-binding Protein C1orf124 Is a Regulator of Translesion Synthesis. Journal of Biological Chemistry, 2012, 287, 34225-34233.	3.4	94

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91	Fanconi anemia (FA) binding protein FAAP20 stabilizes FA complementation group A (FANCA) and participates in interstrand cross-link repair. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 4491-4496.	7.1	72
92	KIAA1530 Protein Is Recruited by Cockayne Syndrome Complementation Group Protein A (CSA) to Participate in Transcription-coupled Repair (TCR). Journal of Biological Chemistry, 2012, 287, 35118-35126.	3.4	54
93	PTPN14 is required for the density-dependent control of YAP1. Genes and Development, 2012, 26, 1959-1971.	5.9	166
94	hSWS1Â·SWSAP1 Is an Evolutionarily Conserved Complex Required for Efficient Homologous Recombination Repair. Journal of Biological Chemistry, 2011, 286, 41758-41766.	3.4	66
95	Angiomotin-like Proteins Associate with and Negatively Regulate YAP1. Journal of Biological Chemistry, 2011, 286, 4364-4370.	3.4	225
96	E3 Ligase RFWD3 Participates in Replication Checkpoint Control. Journal of Biological Chemistry, 2011, 286, 22308-22313.	3.4	46
97	FAN1 Acts with FANCI-FANCD2 to Promote DNA Interstrand Cross-Link Repair. Science, 2010, 329, 693-696.	12.6	231
98	PALB2 is an integral component of the BRCA complex required for homologous recombination repair. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7155-7160.	7.1	504
99	Accumulation of Pax2 Transactivation Domain Interaction Protein (PTIP) at Sites of DNA Breaks via RNF8-dependent Pathway Is Required for Cell Survival after DNA Damage. Journal of Biological Chemistry, 2009, 284, 7284-7293.	3.4	73
100	RNF8 Transduces the DNA-Damage Signal via Histone Ubiquitylation and Checkpoint Protein Assembly. Cell, 2007, 131, 901-914.	28.9	906
101	Ubiquitin-Binding Protein RAP80 Mediates BRCA1-Dependent DNA Damage Response. Science, 2007, 316, 1202-1205.	12.6	495
102	CCDC98 is a BRCA1-BRCT domainâ€“binding protein involved in the DNA damage response. Nature Structural and Molecular Biology, 2007, 14, 710-715.	8.2	182
103	Structural Basis for the Methylation State-Specific Recognition of Histone H4-K20 by 53BP1 and Crb2 in DNA Repair. Cell, 2006, 127, 1361-1373.	28.9	883
104	MDC1 Maintains Genomic Stability by Participating in the Amplification of ATM-Dependent DNA Damage Signals. Molecular Cell, 2006, 21, 187-200.	9.7	553
105	Claspin, a regulator of Chk1 in DNA replication stress pathway. DNA Repair, 2004, 3, 1033-1037.	2.8	73
106	Human Claspin Is Required for Replication Checkpoint Control. Journal of Biological Chemistry, 2003, 278, 30057-30062.	3.4	214
107	p53 Binding Protein 53BP1 Is Required for DNA Damage Responses and Tumor Suppression in Mice. Molecular and Cellular Biology, 2003, 23, 2556-2563.	2.3	365
108	Accumulation of Checkpoint Protein 53BP1 at DNA Breaks Involves Its Binding to Phosphorylated Histone H2AX. Journal of Biological Chemistry, 2003, 278, 19579-19582.	3.4	303

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109	Tumor Suppressor P53 Binding Protein 1 (53bp1) Is Involved in DNA Damageâ€“Signaling Pathways. Journal of Cell Biology, 2001, 153, 613-620.	5.2	448
110	Stable Interaction between the Products of the BRCA1 and BRCA2 Tumor Suppressor Genes in Mitotic and Meiotic Cells. Molecular Cell, 1998, 2, 317-328.	9.7	545
111	Association of BRCA1 with Rad51 in Mitotic and Meiotic Cells. Cell, 1997, 88, 265-275.	28.9	1,392