Jason L Parsons

List of Publications by Year in descending order

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43	2,439	236612	276539
papers	citations	25 h-index	41 g-index

44	44	44	3394
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cell death mechanisms in head and neck cancer cells in response to low and high-LET radiation. Expert Reviews in Molecular Medicine, 2022, 24, .	1.6	5
2	Histone Deacetylases and Their Potential as Targets to Enhance Tumour Radiosensitisation. Radiation, 2022, 2, 149-167.	0.6	1
3	USP9X Inhibition Enhances Radiosensitisation of Head and Neck Cancer Cells in Response to High-LET Radiation by Destabilising Centrosome Proteins. Medical Sciences Forum, 2021, 3, .	0.5	0
4	The Enzyme-Modified Neutral Comet (EMNC) Assay for Complex DNA Damage Detection. Methods and Protocols, 2021, 4, 14.	0.9	5
5	USP9X Is Required to Maintain Cell Survival in Response to High-LET Radiation. Frontiers in Oncology, 2021, 11, 671431.	1.3	6
6	HECTD1 promotes base excision repair in nucleosomes through chromatin remodelling. Nucleic Acids Research, 2020, 48, 1301-1313.	6.5	17
7	The E3 Ubiquitin Ligase NEDD4L Targets OGG1 for Ubiquitylation and Modulates the Cellular DNA Damage Response. Frontiers in Cell and Developmental Biology, 2020, 8, 607060.	1.8	15
8	FLASH Radiotherapy: Current Knowledge and Future Insights Using Proton-Beam Therapy. International Journal of Molecular Sciences, 2020, 21, 6492.	1.8	132
9	Targeting Acid Ceramidase to Improve the Radiosensitivity of Rectal Cancer. Cells, 2020, 9, 2693.	1.8	14
10	Inhibition of ATM Increases the Radiosensitivity of Uveal Melanoma Cells to Photons and Protons. Cancers, 2020, 12, 1388.	1.7	9
11	Targeting DNA Double-Strand Break Repair Enhances Radiosensitivity of HPV-Positive and HPV-Negative Head and Neck Squamous Cell Carcinoma to Photons and Protons. Cancers, 2020, 12, 1490.	1.7	34
12	The radiobiology of HPV-positive and HPV-negative head and neck squamous cell carcinoma. Expert Reviews in Molecular Medicine, 2020, 22, e3.	1.6	27
13	microRNAâ€184 is induced by storeâ€operated calcium entry and regulates early keratinocyte differentiation. Journal of Cellular Physiology, 2020, 235, 6854-6861.	2.0	5
14	Base excision repair and its implications to cancer therapy. Essays in Biochemistry, 2020, 64, 831-843.	2.1	56
15	Radiotherapy and the cellular DNA damage response: current and future perspectives on head and neck cancer treatment. , 2020, 3, 775-790.		4
16	Base Excision Repair in Chromatin and the Requirement for Chromatin Remodelling. Advances in Experimental Medicine and Biology, 2020, 1241, 59-75.	0.8	4
17	The Radiobiological Effects of Proton Beam Therapy: Impact on DNA Damage and Repair. Cancers, 2019, 11, 946.	1.7	72
18	The p97â€“Ataxin 3 complex regulates homeostasis of the <scp>DNA</scp> damage response E3 ubiquitin ligase <scp>RNF</scp> 8. EMBO Journal, 2019, 38, e102361.	3.5	38

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19	Characterisation of Deubiquitylating Enzymes in the Cellular Response to High-LET Ionizing Radiation and Complex DNA Damage. International Journal of Radiation Oncology Biology Physics, 2019, 104, 656-665.	0.4	30
20	The Biochemical Role of the Human NEIL1 and NEIL3 DNA Glycosylases on Model DNA Replication Forks. Genes, 2019, 10, 315.	1.0	33
21	NTH1 Is a New Target for Ubiquitylation-Dependent Regulation by TRIM26 Required for the Cellular Response to Oxidative Stress. Molecular and Cellular Biology, 2018, 38, .	1.1	14
22	Complex DNA Damage Induced by High Linear Energy Transfer Alpha-Particles and Protons Triggers a Specific Cellular DNA Damage Response. International Journal of Radiation Oncology Biology Physics, 2018, 100, 776-784.	0.4	86
23	Ubiquitylation-dependent regulation of NEIL1 by Mule and TRIM26 is required for the cellular DNA damage response. Nucleic Acids Research, 2017, 45, 726-738.	6.5	33
24	The Human DNA glycosylases NEIL1 and NEIL3 Excise Psoralen-Induced DNA-DNA Cross-Links in a Four-Stranded DNA Structure. Scientific Reports, 2017, 7, 17438.	1.6	32
25	Misregulation of DNA damage repair pathways in HPV-positive head and neck squamous cell carcinoma contributes to cellular radiosensitivity. Oncotarget, 2017, 8, 29963-29975.	0.8	73
26	Base Excision Repair, a Pathway Regulated by Posttranslational Modifications. Molecular and Cellular Biology, 2016, 36, 1426-1437.	1.1	116
27	Regulation of base excision repair proteins by ubiquitylation. Experimental Cell Research, 2014, 329, 132-138.	1.2	22
28	Monitoring regulation of DNA repair activities of cultured cells in-gel using the comet assay. Frontiers in Genetics, 2014, 5, 232.	1.1	13
29	Co-ordination of base excision repair and genome stability. DNA Repair, 2013, 12, 326-333.	1.3	68
30	Biological and Therapeutic Relevance of Nonreplicative DNA Polymerases to Cancer. Antioxidants and Redox Signaling, 2013, 18, 851-873.	2.5	18
31	Phosphorylation of PNKP by ATM prevents its proteasomal degradation and enhances resistance to oxidative stress. Nucleic Acids Research, 2012, 40, 11404-11415.	6.5	42
32	In Vitro Base Excision Repair Using Mammalian Cell Extracts. Methods in Molecular Biology, 2012, 920, 245-262.	0.4	3
33	USP47 Is a Deubiquitylating Enzyme that Regulates Base Excision Repair by Controlling Steady-State Levels of DNA Polymerase β. Molecular Cell, 2011, 41, 609-615.	4.5	102
34	Activity-Based Chemical Proteomics Accelerates Inhibitor Development for Deubiquitylating Enzymes. Chemistry and Biology, 2011, 18, 1401-1412.	6.2	348
35	XRCC1 phosphorylation by CK2 is required for its stability and efficient DNA repair. DNA Repair, 2010, 9, 835-841.	1.3	58
36	Ubiquitin ligase ARF-BP1/Mule modulates base excision repair. EMBO Journal, 2009, 28, 3207-3215.	3.5	119

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37	Poly(ADP-ribose) polymerase-1 modulates DNA repair capacity and prevents formation of DNA double strand breaks. DNA Repair, 2008, 7, 932-940.	1.3	89
38	CHIP-Mediated Degradation and DNA Damage-Dependent Stabilization Regulate Base Excision Repair Proteins. Molecular Cell, 2008, 29, 477-487.	4.5	155
39	Poly(ADP-ribose) polymerase-1 protects excessive DNA strand breaks from deterioration during repair in human cell extracts. FEBS Journal, 2005, 272, 2012-2021.	2.2	85
40	Isolation of a small molecule inhibitor of DNA base excision repair. Nucleic Acids Research, 2005, 33, 4711-4724.	6.5	206
41	NEIL1 excises 3' end proximal oxidative DNA lesions resistant to cleavage by NTH1 and OGG1. Nucleic Acids Research, 2005, 33, 4849-4856.	6.5	69
42	APE1-dependent repair of DNA single-strand breaks containing 3'-end 8-oxoguanine. Nucleic Acids Research, 2005, 33, 2204-2209.	6.5	65
43	APE1 is the major 3'-phosphoglycolate activity in human cell extracts. Nucleic Acids Research, 2004, 32, 3531-3536.	6.5	116