

# Michael G Kemp

## List of Publications by Year in descending order

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56  
papers

1,737  
citations

257357

24  
h-index

302012

39  
g-index

57  
all docs

57  
docs citations

57  
times ranked

2434  
citing authors

#	ARTICLE	IF	CITATIONS
1	The histone deacetylase inhibitor trichostatin A alters the pattern of DNA replication origin activity in human cells. <i>Nucleic Acids Research</i> , 2005, 33, 325-336.	6.5	228
2	Circadian Clock, Cancer, and Chemotherapy. <i>Biochemistry</i> , 2015, 54, 110-123.	1.2	122
3	Tipin-Replication Protein A Interaction Mediates Chk1 Phosphorylation by ATR in Response to Genotoxic Stress. <i>Journal of Biological Chemistry</i> , 2010, 285, 16562-16571.	1.6	99
4	Roles of UVA radiation and DNA damage responses in melanoma pathogenesis. <i>Environmental and Molecular Mutagenesis</i> , 2018, 59, 438-460.	0.9	96
5	Nucleotide Excision Repair in Human Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 20918-20926.	1.6	88
6	Mechanism of Release and Fate of Excised Oligonucleotides during Nucleotide Excision Repair. <i>Journal of Biological Chemistry</i> , 2012, 287, 22889-22899.	1.6	81
7	The Circadian Clock Controls Sunburn Apoptosis and Erythema in Mouse Skin. <i>Journal of Investigative Dermatology</i> , 2015, 135, 1119-1127.	0.3	58
8	Similar Nucleotide Excision Repair Capacity in Melanocytes and Melanoma Cells. <i>Cancer Research</i> , 2010, 70, 4922-4930.	0.4	54
9	Coupling of Human DNA Excision Repair and the DNA Damage Checkpoint in a Defined in Vitro System. <i>Journal of Biological Chemistry</i> , 2014, 289, 5074-5082.	1.6	51
10	The circadian clock regulates cisplatin-induced toxicity and tumor regression in melanoma mouse and human models. <i>Oncotarget</i> , 2018, 9, 14524-14538.	0.8	49
11	UV Light Potentiates STING (Stimulator of Interferon Genes)-dependent Innate Immune Signaling through Deregulation of ULK1 (Unc51-like Kinase 1). <i>Journal of Biological Chemistry</i> , 2015, 290, 12184-12194.	1.6	46
12	Highly specific and sensitive method for measuring nucleotide excision repair kinetics of ultraviolet photoproducts in human cells. <i>Nucleic Acids Research</i> , 2014, 42, e29-e29.	6.5	41
13	Impact of Age and Insulin-Like Growth Factor-1 on DNA Damage Responses in UV-Irradiated Human Skin. <i>Molecules</i> , 2017, 22, 356.	1.7	41
14	RHINO forms a stoichiometric complex with the 9-1-1 checkpoint clamp and mediates ATR-Chk1 signaling. <i>Cell Cycle</i> , 2015, 14, 99-108.	1.3	39
15	DNA excision repair. <i>Cell Cycle</i> , 2012, 11, 2997-3002.	1.3	36
16	Andr� coordinates with Claspin for efficient Chk1 activation in response to replication stress. <i>EMBO Journal</i> , 2015, 34, 2096-2110.	3.5	34
17	DNA Repair Synthesis and Ligation Affect the Processing of Excised Oligonucleotides Generated by Human Nucleotide Excision Repair. <i>Journal of Biological Chemistry</i> , 2014, 289, 26574-26583.	1.6	33
18	Nucleotide excision repair by dual incisions in plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4706-4710.	3.3	33

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19	An Integrated Approach for Analysis of the DNA Damage Response in Mammalian Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 28812-28821.	1.6	31
20	Keratinocyte-derived microvesicle particles mediate ultraviolet B radiation-induced systemic immunosuppression. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	29
21	ATR Kinase Inhibition Protects Non-cycling Cells from the Lethal Effects of DNA Damage and Transcription Stress. <i>Journal of Biological Chemistry</i> , 2016, 291, 9330-9342.	1.6	28
22	An Alternative Form of Replication Protein A Expressed in Normal Human Tissues Supports DNA Repair. <i>Journal of Biological Chemistry</i> , 2010, 285, 4788-4797.	1.6	27
23	The DNA Damage Response Kinases DNA-dependent Protein Kinase (DNA-PK) and Ataxia Telangiectasia Mutated (ATM) Are Stimulated by Bulky Adduct-containing DNA. <i>Journal of Biological Chemistry</i> , 2011, 286, 19237-19246.	1.6	27
24	Characterization of functional domains in human Claspin. <i>Cell Cycle</i> , 2011, 10, 1599-1606.	1.3	24
25	Insulin-like Growth Factor 1 Receptor Signaling Is Required for Optimal ATR-CHK1 Kinase Signaling in Ultraviolet B (UVB)-irradiated Human Keratinocytes. <i>Journal of Biological Chemistry</i> , 2017, 292, 1231-1239.	1.6	24
26	Crosstalk Between Apoptosis and Autophagy: Environmental Genotoxins, Infection, and Innate Immunity. <i>Journal of Cell Death</i> , 2017, 10, 117967071668508.	0.8	22
27	PostExcision Events in Human Nucleotide Excision Repair. <i>Photochemistry and Photobiology</i> , 2017, 93, 178-191.	1.3	21
28	The Impact of the Circadian Clock on Skin Physiology and Cancer Development. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6112.	1.8	21
29	Spirolactone Depletes the XPB Protein and Inhibits DNA Damage Responses in UVB-Irradiated Human Skin. <i>Journal of Investigative Dermatology</i> , 2019, 139, 448-454.	0.3	19
30	Spirolactone and XPB: An Old Drug with a New Molecular Target. <i>Biomolecules</i> , 2020, 10, 756.	1.8	19
31	The c-myc DNA-unwinding Element-binding Protein Modulates the Assembly of DNA Replication Complexes in Vitro. <i>Journal of Biological Chemistry</i> , 2005, 280, 13071-13083.	1.6	18
32	Direct Role for the Replication Protein Treslin (Ticrr) in the ATR Kinase-mediated Checkpoint Response. <i>Journal of Biological Chemistry</i> , 2013, 288, 18903-18910.	1.6	16
33	Analysis of Ribonucleotide Removal from DNA by Human Nucleotide Excision Repair. <i>Journal of Biological Chemistry</i> , 2015, 290, 29801-29807.	1.6	16
34	Circadian clock protein BMAL1 regulates melanogenesis through <i>MITF</i> in melanoma cells. <i>Pigment Cell and Melanoma Research</i> , 2021, 34, 955-965.	1.5	15
35	DNA damage-induced ATM- and Rad-3-related (ATR) kinase activation in non-replicating cells is regulated by the XPB subunit of transcription factor IIIH (TFIIH). <i>Journal of Biological Chemistry</i> , 2017, 292, 12424-12435.	1.6	13
36	TREX1 degrades the 3' end of the small DNA oligonucleotide products of nucleotide excision repair in human cells. <i>Nucleic Acids Research</i> , 2022, 50, 3974-3984.	6.5	13

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37	Damage removal and gap filling in nucleotide excision repair. <i>The Enzymes</i> , 2019, 45, 59-97.	0.7	11
38	Randomized controlled trial of fractionated laser resurfacing on aged skin as prophylaxis against actinic neoplasia. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	11
39	Multiple ATR-Chk1 Pathway Proteins Preferentially Associate with Checkpoint-Inducing DNA Substrates. <i>PLoS ONE</i> , 2011, 6, e22986.	1.1	11
40	Detection of the Excised, Damage-containing Oligonucleotide Products of Nucleotide Excision Repair in Human Cells. <i>Photochemistry and Photobiology</i> , 2017, 93, 192-198.	1.3	10
41	Simultaneous detection of nucleotide excision repair events and apoptosis-induced DNA fragmentation in genotoxin-treated cells. <i>Scientific Reports</i> , 2018, 8, 2265.	1.6	9
42	Calcineurin inhibitor (CNI)-associated skin cancers: New insights on exploring mechanisms by which CNIs downregulate DNA repair machinery. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2020, 36, 433-440.	0.7	9
43	Pharmacological inhibition of cryptochrome and REV-ERB promotes DNA repair and cell cycle arrest in cisplatin-treated human cells. <i>Scientific Reports</i> , 2021, 11, 17997.	1.6	9
44	Detection of the small oligonucleotide products of nucleotide excision repair in UVB-irradiated human skin. <i>DNA Repair</i> , 2020, 86, 102766.	1.3	8
45	ATR Kinase Activity Limits Mutagenesis and Promotes the Clonogenic Survival of Quiescent Human Keratinocytes Exposed to UVB Radiation. <i>Photochemistry and Photobiology</i> , 2020, 96, 105-112.	1.3	7
46	Creatine and Nicotinamide Prevent Oxidant-Induced Senescence in Human Fibroblasts. <i>Nutrients</i> , 2021, 13, 4102.	1.7	6
47	DNA Containing Cyclobutane Pyrimidine Dimers Is Released from UVB-Irradiated Keratinocytes in a Caspase-Dependent Manner. <i>Journal of Investigative Dermatology</i> , 2022, 142, 3062-3070.e3.	0.3	6
48	ATR kinase inhibition sensitizes quiescent human cells to the lethal effects of cisplatin but increases mutagenesis. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2019, 816-818, 111678.	0.4	5
49	Age and insulin-like growth factor-1 impact PCNA monoubiquitination in UVB-irradiated human skin. <i>Journal of Biological Chemistry</i> , 2021, 296, 100570.	1.6	5
50	Wounding Therapies for Prevention of Photocarcinogenesis. <i>Frontiers in Oncology</i> , 2021, 11, 813132.	1.3	5
51	Wounding with a microneedling device corrects the inappropriate ultraviolet B radiation response in geriatric skin. <i>Archives of Dermatological Research</i> , 2020, 312, 1-4.	1.1	4
52	Insulin-like Growth Factor-1 Impacts p53 Target Gene Induction in UVB-Irradiated Keratinocytes and Human Skin. <i>Photochemistry and Photobiology</i> , 2020, 96, 1332-1341.	1.3	3
53	Flavonoid Nobiletin Exhibits Differential Effects on Cell Viability in Keratinocytes Exposed to UVA versus UVB Radiation. <i>Photochemistry and Photobiology</i> , 2022, 98, 1372-1378.	1.3	3
54	Interaction between DUE-B and Treslin is required to load Cdc45 on chromatin in human cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 14497-14506.	1.6	1

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55	Topical Treatment of Human Skin and Cultured Keratinocytes with High-Dose Spironolactone Reduces XPB Expression and Induces Toxicity. JID Innovations, 2021, 1, 100023.	1.2	1
56	XPA is susceptible to proteolytic cleavage by cathepsin L during lysis of quiescent cells. DNA Repair, 2022, 109, 103260.	1.3	1