

Shiyong Wu

List of Publications by Year in descending order

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87
papers

3,180
citations

201385

27
h-index

161609

54
g-index

88
all docs

88
docs citations

88
times ranked

5547
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of UVB and UVA-340 Lamps and Determination of Their Effects on ER Stress and DNA Damage. <i>Photochemistry and Photobiology</i> , 2022, 98, 1140-1148.	1.3	3
2	Characterization of Caerulomycin A as a dual-targeting anticancer agent. <i>European Journal of Pharmacology</i> , 2022, 922, 174914.	1.7	3
3	Mathermycin, an anti-cancer molecule that targets cell surface phospholipids. <i>Toxicology and Applied Pharmacology</i> , 2021, 413, 115410.	1.3	6
4	UVB-induced eIF2 α phosphorylation in keratinocytes depends on decreased ATF4, GADD34 and CREP expression levels. <i>Life Sciences</i> , 2021, 286, 120044.	2.0	4
5	Role of constitutive nitric oxide synthases in the dynamic regulation of the autophagy response of keratinocytes upon UVB exposure. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 1559-1568.	1.6	2
6	CIRP Sensitizes Cancer Cell Responses to Ionizing Radiation. <i>Radiation Research</i> , 2020, 195, 93-100.	0.7	1
7	The Effect of Endothelial Cells on UVB-induced DNA Damage and Transformation of Keratinocytes In 3D Polycaprolactone Scaffold Co-culture System. <i>Photochemistry and Photobiology</i> , 2019, 95, 338-344.	1.3	1
8	The Mechanisms of Carnosol in Chemoprevention of Ultraviolet B-Light-Induced Non-Melanoma Skin Cancer Formation. <i>Scientific Reports</i> , 2018, 8, 3574.	1.6	17
9	The structure-function relationships of insulin-like growth factor 1 Ec in C2C12 cells. <i>Cell Adhesion and Migration</i> , 2018, 12, 47-55.	1.1	7
10	To be or not to be Photopigmented, that is the Question. <i>Photochemistry and Photobiology</i> , 2018, 94, 407-408.	1.3	0
11	The Mechanism of CIRP in Regulation of STAT3 Phosphorylation and Bag1/S Expression Upon UVB Radiation. <i>Photochemistry and Photobiology</i> , 2018, 94, 1234-1239.	1.3	7
12	Antioxidants Protect Diaphragm Function subjected to Ionizing Irradiation. <i>FASEB Journal</i> , 2018, 32, 538.2.	0.2	0
13	The role of lipid raft translocation of prohibitin in regulation of Akt and Raf-protected apoptosis of HaCaT cells upon ultraviolet B irradiation. <i>Molecular Carcinogenesis</i> , 2017, 56, 1789-1797.	1.3	4
14	The role of cold-inducible RNA binding protein in cell stress response. <i>International Journal of Cancer</i> , 2017, 141, 2164-2173.	2.3	91
15	Growth Hormone Receptor Knockdown Sensitizes Human Melanoma Cells to Chemotherapy by Attenuating Expression of ABC Drug Efflux Pumps. <i>Hormones and Cancer</i> , 2017, 8, 143-156.	4.9	22
16	The mechanism of CIRP in inhibition of keratinocytes growth arrest and apoptosis following low dose UVB radiation. <i>Molecular Carcinogenesis</i> , 2017, 56, 1554-1569.	1.3	20
17	Diet-induced obesity links to ER positive breast cancer progression via LPA/PKD-1-CD36 signaling-mediated microvascular remodeling. <i>Oncotarget</i> , 2017, 8, 22550-22562.	0.8	29
18	Targeting growth hormone receptor in human melanoma cells attenuates tumor progression and epithelial mesenchymal transition via suppression of multiple oncogenic pathways. <i>Oncotarget</i> , 2017, 8, 21579-21598.	0.8	36

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19	Lipid Raft. , 2017, , 2510-2513.		0
20	The Involvement of Splicing Factor hnRNP A1 in UVB-induced Alternative Splicing of hdm2. Photochemistry and Photobiology, 2016, 92, 318-324.	1.3	10
21	Probing Protein 3D Structures and Conformational Changes Using Electrochemistry-Assisted Isotope Labeling Cross-Linking Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2016, 27, 864-875.	1.2	12
22	Effect of alpha 2,6 sialylation on integrin-mediated adhesion of breast cancer cells to fibronectin and collagen IV. Life Sciences, 2016, 149, 138-145.	2.0	43
23	microRNA and NF-kappa B. Advances in Experimental Medicine and Biology, 2015, 887, 157-170.	0.8	17
24	Reactive oxygen species in redox cancer therapy. Cancer Letters, 2015, 367, 18-25.	3.2	312
25	ROS and p53 in Regulation of UVB-induced HDM2 Alternative Splicing. Photochemistry and Photobiology, 2015, 91, 221-224.	1.3	4
26	The Warburg effect: Evolving interpretations of an established concept. Free Radical Biology and Medicine, 2015, 79, 253-263.	1.3	161
27	Therapeutic microRNAs targeting the NF-kappa B signaling circuits of cancers. Advanced Drug Delivery Reviews, 2015, 81, 1-15.	6.6	34
28	Role of Bmi-1 in Regulation of Ionizing Irradiation-Induced Epithelial-Mesenchymal Transition and Migration of Breast Cancer Cells. PLoS ONE, 2015, 10, e0118799.	1.1	28
29	Regulation of Ionizing Radiation-Induced Adhesion of Breast Cancer Cells to Fibronectin by Alpha5beta1 Integrin. Radiation Research, 2014, 181, 650-658.	0.7	19
30	Regulation of MSK1-mediated NF-κB Activation Upon UVB Irradiation. Photochemistry and Photobiology, 2014, 90, 155-161.	1.3	5
31	The Role of Constitutive Nitric-oxide Synthase in Ultraviolet B Light-induced Nuclear Factor κB Activity. Journal of Biological Chemistry, 2014, 289, 26658-26668.	1.6	15
32	Nitric oxide in cancer metastasis. Cancer Letters, 2014, 353, 1-7.	3.2	146
33	Extracellular ATP is internalized by macropinocytosis and induces intracellular ATP increase and drug resistance in cancer cells. Cancer Letters, 2014, 351, 242-251.	3.2	118
34	Retrospective chart review of skin cancer presence in the wide excisions. World Journal of Clinical Cases, 2014, 2, 52.	0.3	4
35	Mechanism for dynamic regulation of iNOS expression after UVB irradiation. Molecular Carcinogenesis, 2013, 52, 627-633.	1.3	8
36	The Role of ROS in Ionizing Radiation-Induced VLA-4 Mediated Adhesion of RAW264.7 Cells to VCAM-1 Under Flow Conditions. Radiation Research, 2013, 179, 62-68.	0.7	14

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37	Effects of N-acetyl-L-cysteine on adhesive strength between breast cancer cell and extracellular matrix proteins after ionizing radiation. <i>Life Sciences</i> , 2013, 93, 798-803.	2.0	9
38	The differential effects of carnosol in regulation of HaCaT cell apoptosis upon high or low dose of UVB irradiation. <i>FASEB Journal</i> , 2013, 27, 831.19.	0.2	0
39	The involvement of prohibitin in Akt and Raf co-regulated apoptosis of HaCaT keratinocytes upon UVB irradiation. <i>FASEB Journal</i> , 2013, 27, 831.18.	0.2	0
40	Effect of L-NAC on IR-induced cell adhesion of MDA-MB-231 cells onto fibronectin and surface expression of activated b1 integrin. <i>FASEB Journal</i> , 2013, 27, 611.5.	0.2	0
41	A Small-Molecule Inhibitor of Glucose Transporter 1 Downregulates Glycolysis, Induces Cell-Cycle Arrest, and Inhibits Cancer Cell Growth <i>in Vitro</i> and <i>in Vivo</i> . <i>Molecular Cancer Therapeutics</i> , 2012, 11, 1672-1682.	1.9	439
42	Effects of nitric oxide-releasing nonsteroidal anti-inflammatory drugs (NONO-NSAIDs) on melanoma cell adhesion. <i>Toxicology and Applied Pharmacology</i> , 2012, 264, 161-166.	1.3	17
43	The Role of Cholesterol in UV Light Induced Apoptosis. <i>Photochemistry and Photobiology</i> , 2012, 88, 1191-1197.	1.3	18
44	Lipid rafts association and anti-apoptotic function of prohibitin in ultraviolet B irradiated H&C&T keratinocytes. <i>Experimental Dermatology</i> , 2012, 21, 640-642.	1.4	12
45	Lipid raft: A floating island of death or survival. <i>Toxicology and Applied Pharmacology</i> , 2012, 259, 311-319.	1.3	166
46	The roles of Akt and NOSs in regulation of VLA-4-mediated melanoma cell adhesion to endothelial VCAM-1 after UVB-irradiation. <i>Archives of Biochemistry and Biophysics</i> , 2011, 508, 192-197.	1.4	4
47	Interleukin-6 expression in response to innate immune regulatory factor stimulation. <i>Biomedicine and Pharmacotherapy</i> , 2011, 65, 90-94.	2.5	5
48	MicroRNAs, cancer and cancer stem cells. <i>Cancer Letters</i> , 2011, 300, 10-19.	3.2	161
49	Nitric oxide: A regulator of eukaryotic initiation factor 2 kinases. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1717-1725.	1.3	28
50	The Roles of Early Activation of cNOS in UVB-Induced NF- κ B Activation and Apoptosis. <i>Free Radical Biology and Medicine</i> , 2011, 51, S165.	1.3	0
51	UVB irradiation regulates VLA-4-mediated melanoma cell adhesion to endothelial VCAM-1 under flow conditions. <i>Molecular Carcinogenesis</i> , 2011, 50, 58-65.	1.3	11
52	Targeting expression or function of Plk1 in CTCL, that is a question. <i>Cell Cycle</i> , 2011, 10, 1526-1526.	1.3	0
53	Ultraviolet B Light Induced Nitric Oxide/Peroxynitrite Imbalance in Keratinocytes—Implications for Apoptosis and Necrosis. <i>Photochemistry and Photobiology</i> , 2010, 86, 389-396.	1.3	46
54	Differential Signaling Circuits in Regulation of Ultraviolet C Light Induced Early and Late phase Activation of NF- κ B. <i>Photochemistry and Photobiology</i> , 2010, 86, 995-999.	1.3	11

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55	Effects of freezing and protein cross-linker on isolating membrane raft-associated proteins. <i>BioTechniques</i> , 2010, 49, 837-838.	0.8	6
56	The roles of nitric oxide synthase and eIF2alpha kinases in regulation of cell cycle upon UVB-irradiation. <i>Cell Cycle</i> , 2010, 9, 38-42.	1.3	8
57	Regulation of G1 Arrest and Apoptosis in Hypoxia by PERK and GCN2-Mediated eIF2± Phosphorylation. <i>Neoplasia</i> , 2010, 12, 61-IN6.	2.3	53
58	Nitric oxide synthase activation and oxidative stress, but not intracellular zinc dyshomeostasis, regulate ultraviolet B light-induced apoptosis. <i>Life Sciences</i> , 2010, 86, 448-454.	2.0	12
59	Differential roles of nitric oxide synthases in regulation of ultraviolet B light-induced apoptosis. <i>Nitric Oxide - Biology and Chemistry</i> , 2010, 23, 199-205.	1.2	27
60	Localization and function of a eukaryotic-initiation-factor-2-associated 67-kDa glycoprotein. <i>World Journal of Biological Chemistry</i> , 2010, 1, 313.	1.7	0
61	The Role of Nitric-oxide Synthase in the Regulation of UVB Light-induced Phosphorylation of the ± Subunit of Eukaryotic Initiation Factor 2. <i>Journal of Biological Chemistry</i> , 2009, 284, 24281-24288.	1.6	41
62	New life for an "old" drink. <i>Cell Cycle</i> , 2009, 8, 1979-1983.	1.3	1
63	Old target new approach: an alternate NF-±B activation pathway via translation inhibition. <i>Molecular and Cellular Biochemistry</i> , 2009, 328, 9-16.	1.4	9
64	The role of translational regulation in ultraviolet C light-induced cyclooxygenase-2 expression. <i>Life Sciences</i> , 2009, 85, 70-76.	2.0	7
65	The Differential Role of Nitric Oxide Synthases in Ultraviolet Light ±-induced Apoptosis. <i>FASEB Journal</i> , 2009, 23, 890.5.	0.2	0
66	The role of nitric oxide synthase in regulation of ultraviolet light±-induced phosphorylation of the alpha± subunit of eukaryotic initiation factor 2. <i>FASEB Journal</i> , 2009, 23, 890.6.	0.2	0
67	The role of translational regulation in ultraviolet light±-induced cyclooxygenase±2 expression. <i>FASEB Journal</i> , 2009, 23, 511.2.	0.2	0
68	Mechanism of UV±-induced ±B±-independent Activation of NF±B. <i>Photochemistry and Photobiology</i> , 2008, 84, 1564-1568.	1.3	13
69	Lipid Rafts Mediate Ultraviolet Light±-induced Fas Aggregation in M624 Melanoma Cells. <i>Photochemistry and Photobiology</i> , 2006, 82, 787.	1.3	28
70	The roles of translation initiation regulation in ultraviolet light-induced apoptosis. <i>Molecular and Cellular Biochemistry</i> , 2006, 293, 173-181.	1.4	18
71	An innate immune regulatory factor (IIRF) prevents tumorigenesis in a murine melanoma challenge model. <i>Drug Development Research</i> , 2005, 64, 213-219.	1.4	3
72	Ultraviolet Light Activates NF±B through Translational Inhibition of ±B± Synthesis. <i>Journal of Biological Chemistry</i> , 2004, 279, 34898-34902.	1.6	114

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73	trans-Autophosphorylation by the Isolated Kinase Domain Is Not Sufficient for Dimerization or Activation of the dsRNA-Activated Protein Kinase PKR. <i>Biochemistry</i> , 2004, 43, 11027-11034.	1.2	15
74	Ultraviolet Light Inhibits Translation through Activation of the Unfolded Protein Response Kinase PERK in the Lumen of the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2002, 277, 18077-18083.	1.6	101
75	Ultraviolet Radiation-induced Apoptosis Mediated by Daxx. <i>Neoplasia</i> , 2002, 4, 486-492.	2.3	35
76	Involvement of Fas receptor and not tumor necrosis factor- α receptor in ultraviolet-induced activation of acid sphingomyelinase. <i>Molecular Carcinogenesis</i> , 2001, 30, 47-55.	1.3	14
77	Cell line dependent involvement of ceramide in ultraviolet light-induced apoptosis. , 2001, 219, 21-27.		31
78	Gamma-irradiation induces matrix metalloproteinase II expression in a p53-dependent manner. , 2000, 27, 252-258.		52
79	Molecular cloning and characterization of a rabbit eIF2C protein. <i>Gene</i> , 1998, 211, 187-194.	1.0	65
80	Identification and Requirement of Three Ribosome Binding Domains in dsRNA-Dependent Protein Kinase (PKR). <i>Biochemistry</i> , 1998, 37, 13816-13826.	1.2	43
81	p67 Transcription Regulates Translation in Serum-starved and Mitogen-activated KRC-7 Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 12699-12704.	1.6	22
82	A Model for the Double-stranded RNA (dsRNA)-dependent Dimerization and Activation of the dsRNA-activated Protein Kinase PKR. <i>Journal of Biological Chemistry</i> , 1997, 272, 1291-1296.	1.6	149
83	Viral Infection. <i>Archives of Biochemistry and Biophysics</i> , 1997, 342, 373-382.	1.4	13
84	A Eukaryotic Translation Initiation Factor 2-Associated 67 kDa Glycoprotein Partially Reverses Protein Synthesis Inhibition by Activated Double-Stranded RNA-Dependent Protein Kinase in Intact Cells. <i>Biochemistry</i> , 1996, 35, 8275-8280.	1.2	36
85	Double-stranded (ds) RNA Binding and Not Dimerization Correlates with the Activation of the dsRNA-dependent Protein Kinase (PKR). <i>Journal of Biological Chemistry</i> , 1996, 271, 1756-1763.	1.6	66
86	Characteristics of the eukaryotic initiation factor 2 associated 67-kDa polypeptide. <i>Biochemistry</i> , 1993, 32, 5151-5159.	1.2	38
87	Reactive oxygen species formation and bystander effects in gradient irradiation on human breast cancer cells. <i>Oncotarget</i> , 0, 7, 41622-41636.	0.8	30