

Yun-Sil Lee

List of Publications by Year in descending order

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145
papers

4,095
citations

109321

35
h-index

168389

53
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149
all docs

149
docs citations

149
times ranked

5918
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyaluronic Acid Promotes Angiogenesis by Inducing RHAMM-TGF β 2 Receptor Interaction via CD44-PKC ζ . <i>Molecules and Cells</i> , 2012, 33, 563-574.	2.6	127
2	A Hypoxia-Induced Vascular Endothelial-to-Mesenchymal Transition in Development of Radiation-Induced Pulmonary Fibrosis. <i>Clinical Cancer Research</i> , 2015, 21, 3716-3726.	7.0	127
3	Oxidative stress-induced apoptosis is mediated by ERK1/2 phosphorylation. <i>Experimental Cell Research</i> , 2003, 291, 251-266.	2.6	124
4	CD44-Epidermal Growth Factor Receptor Interaction Mediates Hyaluronic Acid-promoted Cell Motility by Activating Protein Kinase C Signaling Involving Akt, Rac1, Phox, Reactive Oxygen Species, Focal Adhesion Kinase, and MMP-2. <i>Journal of Biological Chemistry</i> , 2008, 283, 22513-22528.	3.4	121
5	Sialylation of epidermal growth factor receptor regulates receptor activity and chemosensitivity to gefitinib in colon cancer cells. <i>Biochemical Pharmacology</i> , 2012, 83, 849-857.	4.4	118
6	Reactive Oxygen Species-Dependent Activation of Bax and Poly(ADP-ribose) Polymerase-1 Is Required for Mitochondrial Cell Death Induced by Triterpenoid Pristimerin in Human Cervical Cancer Cells. <i>Molecular Pharmacology</i> , 2009, 76, 734-744.	2.3	82
7	Cathepsin D and Eukaryotic Translation Elongation Factor 1 as Promising Markers of Cellular Senescence. <i>Cancer Research</i> , 2009, 69, 4638-4647.	0.9	75
8	Pharmacology of natural radioprotectors. <i>Archives of Pharmacal Research</i> , 2018, 41, 1033-1050.	6.3	73
9	The TLR7 agonist imiquimod induces anti-cancer effects via autophagic cell death and enhances anti-tumoral and systemic immunity during radiotherapy for melanoma. <i>Oncotarget</i> , 2017, 8, 24932-24948.	1.8	73
10	Targeting Heat Shock Protein 27 in Cancer: A Druggable Target for Cancer Treatment?. <i>Cancers</i> , 2019, 11, 1195.	3.7	69
11	Cancer/Testis Antigen CAGE Exerts Negative Regulation on p53 Expression through HDAC2 and Confers Resistance to Anti-cancer Drugs. <i>Journal of Biological Chemistry</i> , 2010, 285, 25957-25968.	3.4	61
12	1950 MHz Electromagnetic Fields Ameliorate A β Pathology in Alzheimer's Disease Mice. <i>Current Alzheimer Research</i> , 2015, 12, 481-492.	1.4	61
13	Histone Deacetylase 3 Mediates Allergic Skin Inflammation by Regulating Expression of MCP1 Protein. <i>Journal of Biological Chemistry</i> , 2012, 287, 25844-25859.	3.4	60
14	Inhibition of Heat Shock Protein 27-Mediated Resistance to DNA Damaging Agents by a Novel PKC ζ -V5 Heptapeptide. <i>Cancer Research</i> , 2007, 67, 6333-6341.	0.9	59
15	Protein Sialylation by Sialyltransferase Involves Radiation Resistance. <i>Molecular Cancer Research</i> , 2008, 6, 1316-1325.	3.4	59
16	HSF1 as a Mitotic Regulator: Phosphorylation of HSF1 by Plk1 Is Essential for Mitotic Progression. <i>Cancer Research</i> , 2008, 68, 7550-7560.	0.9	59
17	Hyaluronic acid targets CD44 and inhibits Fc ϵ RI signaling involving PKC ζ , Rac1, ROS, and MAPK to exert anti-allergic effect. <i>Molecular Immunology</i> , 2008, 45, 2537-2547.	2.2	58
18	Celastrol binds to ERK and inhibits Fc μ RI signaling to exert an anti-allergic effect. <i>European Journal of Pharmacology</i> , 2009, 612, 131-142.	3.5	58

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19	Radiation-Induced Lung Fibrosis: Preclinical Animal Models and Therapeutic Strategies. <i>Cancers</i> , 2020, 12, 1561.	3.7	56
20	HSP25 Inhibits Protein Kinase C γ -mediated Cell Death through Direct Interaction. <i>Journal of Biological Chemistry</i> , 2005, 280, 18108-18119.	3.4	53
21	Non-Organ-Specific Preventive Effect of Long-Term Administration of Korean Red Ginseng Extract on Incidence of Human Cancers. <i>Journal of Medicinal Food</i> , 2010, 13, 489-494.	1.5	53
22	Soluble HSPB1 regulates VEGF-mediated angiogenesis through their direct interaction. <i>Angiogenesis</i> , 2012, 15, 229-242.	7.2	53
23	HSP25 inhibits radiation-induced apoptosis through reduction of PKC γ -mediated ROS production. <i>Oncogene</i> , 2005, 24, 3715-3725.	5.9	52
24	Cdk5-mediated Phosphorylation of c-Myc on Ser-62 Is Essential in Transcriptional Activation of Cyclin B1 by Cyclin G1. <i>Journal of Biological Chemistry</i> , 2008, 283, 15601-15610.	3.4	52
25	The lack of histological changes of CDMA cellular phone-based radio frequency on rat testis. <i>Bioelectromagnetics</i> , 2010, 31, 528-534.	1.6	52
26	The inflammasome accelerates radiation-induced lung inflammation and fibrosis in mice. <i>Environmental Toxicology and Pharmacology</i> , 2015, 39, 917-926.	4.0	52
27	The effect of oxidized low-density lipoprotein (ox-LDL) on radiation-induced endothelial-to-mesenchymal transition. <i>International Journal of Radiation Biology</i> , 2013, 89, 356-363.	1.8	51
28	Release of heat shock protein 70 (Hsp70) and the effects of extracellular Hsp70 on matrix metalloproteinase-9 expression in human monocytic U937 cells. <i>Experimental and Molecular Medicine</i> , 2006, 38, 364-374.	7.7	50
29	Transglutaminase II interacts with rac1, regulates production of reactive oxygen species, expression of snail, secretion of Th2 cytokines and mediates in vitro and in vivo allergic inflammation. <i>Molecular Immunology</i> , 2010, 47, 1010-1022.	2.2	49
30	Sialylation of Integrin β 1 is Involved in Radiation-Induced Adhesion and Migration in Human Colon Cancer Cells. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, 1528-1536.	0.8	45
31	Altered Cross-Linking of HSP27 by Zerumbone as a Novel Strategy for Overcoming HSP27-Mediated Radioresistance. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 79, 1196-1205.	0.8	45
32	Role of inducible heat shock protein 70 in radiation-induced cell death. <i>Cell Stress and Chaperones</i> , 2001, 6, 273.	2.9	42
33	Radioprotective Effect of Heat Shock Protein 25 on Submandibular Glands of Rats. <i>American Journal of Pathology</i> , 2006, 169, 1601-1611.	3.8	39
34	Enhancement of radiation sensitivity in lung cancer cells by celastrol is mediated by inhibition of Hsp90. <i>International Journal of Molecular Medicine</i> , 2011, 27, 441-6.	4.0	38
35	Long-term RF exposure on behavior and cerebral glucose metabolism in 5xFAD mice. <i>Neuroscience Letters</i> , 2018, 666, 64-69.	2.1	38
36	The Hsp27-Mediated I κ B β -NF κ B Signaling Axis Promotes Radiation-Induced Lung Fibrosis. <i>Clinical Cancer Research</i> , 2019, 25, 5364-5375.	7.0	38

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37	The effects of simultaneous combined exposure to CDMA and WCDMA electromagnetic fields on rat testicular function. <i>Bioelectromagnetics</i> , 2012, 33, 356-364.	1.6	37
38	LXA4-FPR2 signaling regulates radiation-induced pulmonary fibrosis via crosstalk with TGF- β 2/Smad signaling. <i>Cell Death and Disease</i> , 2020, 11, 653.	6.3	36
39	Induction of MiR-21 by Stereotactic Body Radiotherapy Contributes to the Pulmonary Fibrotic Response. <i>PLoS ONE</i> , 2016, 11, e0154942.	2.5	36
40	Lack of Teratogenicity after Combined Exposure of Pregnant Mice to CDMA and WCDMA Radiofrequency Electromagnetic Fields. <i>Radiation Research</i> , 2009, 172, 648-652.	1.5	35
41	Anti-tumor effects by a synthetic chalcone compound is mediated by c-Myc-mediated reactive oxygen species production. <i>Chemico-Biological Interactions</i> , 2010, 188, 111-118.	4.0	35
42	Effect of extremely low frequency magnetic fields on cell proliferation and gene expression. <i>Bioelectromagnetics</i> , 2015, 36, 506-516.	1.6	35
43	Heat Shock Protein 25 or Inducible Heat Shock Protein 70 Activates Heat Shock Factor 1. <i>Journal of Biological Chemistry</i> , 2006, 281, 17220-17227.	3.4	34
44	2,4-Bis(4-hydroxybenzyl)phenol Inhibits Heat Shock Transcription Factor 1 and Sensitizes Lung Cancer Cells to Conventional Anticancer Modalities. <i>Journal of Natural Products</i> , 2014, 77, 1123-1129.	3.0	34
45	Radiosensitization by celastrol is mediated by modification of antioxidant thiol molecules. <i>Chemico-Biological Interactions</i> , 2011, 193, 34-42.	4.0	32
46	Regulating BRCA1 protein stability by cathepsin S-mediated ubiquitin degradation. <i>Cell Death and Differentiation</i> , 2019, 26, 812-825.	11.2	32
47	PKC δ induces differentiation through ERK1/2 phosphorylation in mouse keratinocytes. <i>Experimental and Molecular Medicine</i> , 2004, 36, 292-299.	7.7	31
48	Roles of ERK and p38 mitogen-activated protein kinases in phorbol ester-induced NF- κ B activation and COX-2 expression in human breast epithelial cells. <i>Chemico-Biological Interactions</i> , 2008, 171, 133-141.	4.0	30
49	KAI1 suppresses HIF-1 α and VEGF expression by blocking CDCP1-enhanced Src activation in prostate cancer. <i>BMC Cancer</i> , 2012, 12, 81.	2.6	30
50	Radiation-induced cathepsin S is involved in radioresistance. <i>International Journal of Cancer</i> , 2009, 124, 1794-1801.	5.1	29
51	Di-2-ethylhexylphthalate promotes thyroid cell proliferation and DNA damage through activating thyrotropin-receptor-mediated pathways in vitro and in vivo. <i>Food and Chemical Toxicology</i> , 2019, 124, 265-272.	3.6	29
52	p27Cip/Kip Is Involved in Hsp25 or Inducible Hsp70 Mediated Adaptive Response by Low Dose Radiation. <i>Journal of Radiation Research</i> , 2006, 47, 83-90.	1.6	28
53	Toxicity bioassay in Sprague-Dawley rats exposed to 20 kHz triangular magnetic field for 90 days. <i>Bioelectromagnetics</i> , 2006, 27, 105-111.	1.6	28
54	Cleavage of ST6Gal I by Radiation-Induced BACE1 Inhibits Golgi-Anchored ST6Gal I-Mediated Sialylation of Integrin β 21 and Migration in Colon Cancer Cells. <i>Radiation Oncology</i> , 2012, 7, 47.	2.7	28

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55	Submicromolar bisphenol A induces proliferation and DNA damage in human hepatocyte cell lines in vitro and in juvenile rats in vivo. <i>Food and Chemical Toxicology</i> , 2018, 111, 125-132.	3.6	28
56	Sensitization of lung cancer cells by altered dimerization of HSP27. <i>Oncotarget</i> , 2017, 8, 105372-105382.	1.8	28
57	Organ-Specific Gene Expressions in C57BL/6 Mice after Exposure to Low-Dose Radiation. <i>Radiation Research</i> , 2006, 165, 562-569.	1.5	27
58	Diarylheptanoids from the Seeds of <i>Alpinia katsumadai</i> as Heat Shock Factor 1 Inducers. <i>Journal of Natural Products</i> , 2011, 74, 2109-2115.	3.0	27
59	Impact of Long-Term RF-EMF on Oxidative Stress and Neuroinflammation in Aging Brains of C57BL/6 Mice. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2103.	4.1	27
60	Metformin Alleviates Radiation-Induced Skin Fibrosis via the Downregulation of FOXO3. <i>Cellular Physiology and Biochemistry</i> , 2018, 48, 959-970.	1.6	26
61	Synthesis and cytotoxicity of 2-phenylquinazolin-4(3H)-one derivatives. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3900-3908.	5.5	25
62	Extremely Low Frequency Magnetic Fields Do Not Elicit Oxidative Stress in MCF10A Cells. <i>Journal of Radiation Research</i> , 2012, 53, 79-86.	1.6	25
63	Effects of combined radiofrequency radiation exposure on levels of reactive oxygen species in neuronal cells. <i>Journal of Radiation Research</i> , 2014, 55, 265-276.	1.6	25
64	Differential Gene Signatures in Rat Mammary Tumors Induced by DMBA and Those Induced by Fractionated $\hat{1}^3$ Radiation. <i>Radiation Research</i> , 2008, 170, 579.	1.5	24
65	Effects of simultaneous combined exposure to CDMA and WCDMA electromagnetic fields on serum hormone levels in rats. <i>Journal of Radiation Research</i> , 2013, 54, 430-437.	1.6	24
66	Heat Shock Factor 1-Mediated Aneuploidy Requires a Defective Function of p53. <i>Cancer Research</i> , 2009, 69, 9404-9412.	0.9	23
67	MMP9 Processing of HSPB1 Regulates Tumor Progression. <i>PLoS ONE</i> , 2014, 9, e85509.	2.5	23
68	Teratological studies of prenatal exposure of mice to a 20 kHz sawtooth magnetic field. <i>Bioelectromagnetics</i> , 2004, 25, 114-117.	1.6	22
69	Coniferyl Aldehyde Reduces Radiation Damage Through Increased Protein Stability of Heat Shock Transcriptional Factor 1 by Phosphorylation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 91, 807-816.	0.8	22
70	1950-MHz radiofrequency electromagnetic fields do not aggravate memory deficits in 5xFAD mice. <i>Bioelectromagnetics</i> , 2016, 37, 391-399.	1.6	22
71	Overcoming HSP27-mediated resistance by altered dimerization of HSP27 using small molecules. <i>Oncotarget</i> , 2016, 7, 53178-53190.	1.8	22
72	Proteomic identification of radiation response markers in mouse intestine and brain. <i>Proteomics</i> , 2011, 11, 1254-1263.	2.2	21

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73	Effects of 837 and 1950 MHz radiofrequency radiation exposure alone or combined on oxidative stress in MCF10A cells. <i>Bioelectromagnetics</i> , 2012, 33, 604-611.	1.6	21
74	Combination treatment with arsenic trioxide and phytosphingosine enhances apoptotic cell death in arsenic trioxide-resistant cancer cells. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 82-92.	4.1	20
75	Effects of combined radiofrequency radiation exposure on the cell cycle and its regulatory proteins. <i>Bioelectromagnetics</i> , 2011, 32, 169-178.	1.6	20
76	Evaluation of premature senescence and senescence biomarkers in carcinoma cells and xenograft mice exposed to single or fractionated irradiation. <i>Oncology Reports</i> , 2014, 31, 2229-2235.	2.6	20
77	Chalcones from <i>Angelica keiskei</i> : Evaluation of Their Heat Shock Protein Inducing Activities. <i>Journal of Natural Products</i> , 2015, 78, 2481-2487.	3.0	20
78	Lung-targeted delivery of TGF- β 2 antisense oligonucleotides to treat pulmonary fibrosis. <i>Journal of Controlled Release</i> , 2020, 322, 108-121.	9.9	20
79	One-year, simultaneous combined exposure of CDMA and WCDMA radiofrequency electromagnetic fields to rats. <i>International Journal of Radiation Biology</i> , 2011, 87, 416-423.	1.8	19
80	DNA methyl transferase I acts as a negative regulator of allergic skin inflammation. <i>Molecular Immunology</i> , 2013, 53, 1-14.	2.2	19
81	Identification of molecular signatures involved in radiation-induced lung fibrosis. <i>Journal of Molecular Medicine</i> , 2019, 97, 37-47.	3.9	17
82	p53-mediated enhancement of radiosensitivity by selenophosphate synthetase 1 overexpression. <i>Journal of Cellular Physiology</i> , 2006, 209, 131-141.	4.1	16
83	Heat Shock Factor 1 Inducers from the Bark of <i>Eucommia ulmoides</i> as Cytoprotective Agents. <i>Chemistry and Biodiversity</i> , 2013, 10, 1322-1327.	2.1	16
84	Increased γ -H2AX by exposure to a 60-Hz magnetic fields combined with ionizing radiation, but not hydrogen peroxide, in non-tumorigenic human cell lines. <i>International Journal of Radiation Biology</i> , 2014, 90, 291-298.	1.8	16
85	Coniferyl Aldehyde Attenuates Radiation Enteropathy by Inhibiting Cell Death and Promoting Endothelial Cell Function. <i>PLoS ONE</i> , 2015, 10, e0128552.	2.5	16
86	HSP27 inhibitor attenuates radiation-induced pulmonary inflammation. <i>Scientific Reports</i> , 2018, 8, 4189.	3.3	16
87	Lymphoma development of simultaneously combined exposure to two radiofrequency signals in AKR/J mice. <i>Bioelectromagnetics</i> , 2011, 32, 485-492.	1.6	15
88	Effects of whole-body exposure to 915 MHz RFID on secretory functions of the thyroid system in rats. <i>Bioelectromagnetics</i> , 2013, 34, 521-529.	1.6	15
89	Identification of radiation response genes and proteins from mouse pulmonary tissues after high-dose per fraction irradiation of limited lung volumes. <i>International Journal of Radiation Biology</i> , 2017, 93, 184-193.	1.8	15
90	Radiosensitivity of Cancer Cells Is Regulated by Translationally Controlled Tumor Protein. <i>Cancers</i> , 2019, 11, 386.	3.7	15

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91	Decreased expression of FBXW7 by ERK1/2 activation in drug-resistant cancer cells confers transcriptional activation of MDR1 by suppression of ubiquitin degradation of HSF1. <i>Cell Death and Disease</i> , 2020, 11, 395.	6.3	15
92	Therapeutic potential of targeting cathepsin S in pulmonary fibrosis. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112245.	5.6	15
93	Hyaluronic acid induces transglutaminase II to enhance cell motility; role of Rac1 and FAK in the induction of transglutaminase II. <i>Biotechnology Letters</i> , 2007, 30, 31-39.	2.2	14
94	Effects of simultaneous combined exposure to CDMA and WCDMA electromagnetic field on immune functions in rats. <i>International Journal of Radiation Biology</i> , 2012, 88, 814-821.	1.8	14
95	TGF- β 2 signaling plays an important role in resisting β -irradiation. <i>Experimental Cell Research</i> , 2013, 319, 466-473.	2.6	14
96	Specific Roles of HSP27 S15 Phosphorylation Augmenting the Nuclear Function of HER2 to Promote Trastuzumab Resistance. <i>Cancers</i> , 2020, 12, 1540.	3.7	14
97	Identification of Possible Candidate Biomarkers for Local or Whole Body Radiation Exposure in C57BL/6 Mice. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 69, 1272-1281.	0.8	13
98	Teratological evaluation of mouse fetuses exposed to a 20 kHz EMF. <i>Bioelectromagnetics</i> , 2009, 30, 330-333.	1.6	13
99	Effects on micronuclei formation of 60-Hz electromagnetic field exposure with ionizing radiation, hydrogen peroxide, or c-Myc overexpression. <i>International Journal of Radiation Biology</i> , 2012, 88, 374-380.	1.8	13
100	Combined effects of 60-Hz electromagnetic field exposure with various stress factors on cellular transformation in NIH3T3 cells. <i>Bioelectromagnetics</i> , 2012, 33, 207-214.	1.6	13
101	Absence of DNA damage after 60-Hz electromagnetic field exposure combined with ionizing radiation, hydrogen peroxide, or c-Myc overexpression. <i>Radiation and Environmental Biophysics</i> , 2014, 53, 93-101.	1.4	13
102	Enhanced lung cancer cell killing by the combination of selenium and ionizing radiation. <i>Oncology Reports</i> , 2007, 17, 209.	2.6	12
103	Dithiiranylmethoxy azaxanthone shows potent anti-tumor activity via suppression of HER2 expression and HER2-mediated signals in HER2-overexpressing breast cancer cells. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 50, 181-190.	4.0	12
104	Pyruvate metabolism: A therapeutic opportunity in radiation-induced skin injury. <i>Biochemical and Biophysical Research Communications</i> , 2015, 460, 504-510.	2.1	12
105	Alteration of gene expression during radiation-induced resistance and tumorigenesis in NIH3T3 cells revealed by cDNA microarrays: involvement of MDM2 and CDC25B. <i>Carcinogenesis</i> , 2003, 25, 123-132.	2.8	11
106	Integrin α 5 interacts with EGFR, is necessary for Fc ϵ RI signaling and is necessary for allergic inflammation in relation with angiogenesis. <i>Molecular Immunology</i> , 2011, 48, 1035-1045.	2.2	11
107	The efficacy of human placenta-derived mesenchymal stem cells on radiation enteropathy along with proteomic biomarkers predicting a favorable response. <i>Stem Cell Research and Therapy</i> , 2017, 8, 105.	5.5	11
108	Analysis of the Cellular Stress Response in MCF10A Cells Exposed to Combined Radio Frequency Radiation. <i>Journal of Radiation Research</i> , 2012, 53, 176-183.	1.6	10

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109	The effects of exposure to 915 MHz radiofrequency identification on cerebral glucose metabolism in rat: A [F-18] FDG micro-PET study. <i>International Journal of Radiation Biology</i> , 2013, 89, 750-755.	1.8	10
110	Synthesis and biological effect of chrom-4-one derivatives as functional inhibitors of heat shock protein 27. <i>European Journal of Medicinal Chemistry</i> , 2017, 139, 892-900.	5.5	10
111	Chronic exposure of Sprague-Dawley rats to 20 kHz triangular magnetic fields. <i>International Journal of Radiation Biology</i> , 2010, 86, 384-389.	1.8	9
112	Inhibition of Snail1-DNA-PKcs Protein-Protein Interface Sensitizes Cancer Cells and Inhibits Tumor Metastasis. <i>Journal of Biological Chemistry</i> , 2013, 288, 32506-32516.	3.4	9
113	Comprehensive analysis of transcriptomic changes induced by low and high doses of bisphenol A in HepG2 spheroids in vitro and rat liver in vivo. <i>Environmental Research</i> , 2019, 173, 124-134.	7.5	9
114	Metabolomic study of urinary polyamines in rat exposed to 915 MHz radiofrequency identification signal. <i>Amino Acids</i> , 2016, 48, 213-217.	2.7	8
115	Pro-apoptotic Noxa is involved in ablative focal irradiation-induced lung injury. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 711-719.	3.6	8
116	A novel activation-induced suicidal degradation mechanism for Akt by selenium. <i>International Journal of Molecular Medicine</i> , 2008, , .	4.0	7
117	Repeated-dose toxicity of HSP27-binding heptapeptide in mice. <i>Drug and Chemical Toxicology</i> , 2010, 33, 284-290.	2.3	7
118	Identification of ELAVL4 as a modulator of radiation sensitivity in A549 non-small cell lung cancer cells. <i>Oncology Reports</i> , 2011, 26, 55-63.	2.6	7
119	Heat Shock Protein 27-Targeted Heptapeptide of the PKC δ Catalytic V5 Region Sensitizes Tumors With Radio- and Chemoresistance. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 80, 221-230.	0.8	7
120	Recovery From Radiation-induced Bone Marrow Damage by HSP25 Through Tie2 Signaling. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, e85-e93.	0.8	7
121	Effects on G2/M Phase Cell Cycle Distribution and Aneuploidy Formation of Exposure to a 60 Hz Electromagnetic Field in Combination with Ionizing Radiation or Hydrogen Peroxide in L132 Nontumorigenic Human Lung Epithelial Cells. <i>Korean Journal of Physiology and Pharmacology</i> , 2015, 19, 119.	1.2	7
122	Effect of whole-body exposure to the 848.5 MHz code division multiple access (CDMA) electromagnetic field on adult neurogenesis in the young, healthy rat brain. <i>International Journal of Radiation Biology</i> , 2015, 91, 354-359.	1.8	7
123	HSPB1 inhibitor J2 attenuates lung inflammation through direct modulation of Ym1 production and paracrine signaling. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112225.	5.6	7
124	Lack of promotion of mammary, lung and skin tumorigenesis by 20 kHz triangular magnetic fields. <i>Bioelectromagnetics</i> , 2007, 28, 446-453.	1.6	6
125	Focal exposure of limited lung volumes to high-dose irradiation down-regulated organ development-related functions and up-regulated the immune response in mouse pulmonary tissues. <i>BMC Genetics</i> , 2016, 17, 29.	2.7	6
126	Heat shock factor 1, an inhibitor of non-homologous end joining repair. <i>Oncotarget</i> , 2015, 6, 29712-29724.	1.8	6

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127	Effect of a 20 kHz sawtooth magnetic field exposure on the estrous cycle in mice. <i>Journal of Microbiology and Biotechnology</i> , 2007, 17, 398-402.	2.1	6
128	Down-regulation of transglutaminase II leads to impaired motility of cancer cells by inactivation of the protein kinase, Akt, and decrease of reactive oxygen species. <i>Biotechnology Letters</i> , 2006, 28, 1151-1158.	2.2	5
129	Eight hours of nocturnal 915 MHz radiofrequency identification (RFID) exposure reduces urinary levels of melatonin and its metabolite via pineal arylalkylamine N-acetyltransferase activity in male rats. <i>International Journal of Radiation Biology</i> , 2015, 91, 898-907.	1.8	5
130	The Conjugated Double Bond of Coniferyl Aldehyde Is Essential for Heat Shock Factor 1 Mediated Cytotoprotection. <i>Journal of Natural Products</i> , 2017, 80, 2379-2383.	3.0	5
131	The Protective Effects of EMF-LTE against DNA Double-Strand Break Damage In Vitro and In Vivo. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5134.	4.1	5
132	Behavioral changes and gene profile alterations after chronic 1,950 MHz radiofrequency exposure: An observation in C57BL/6 mice. <i>Brain and Behavior</i> , 2020, 10, e01815.	2.2	4
133	Drug-Like Small Molecule HSP27 Functional Inhibitor Sensitizes Lung Cancer Cells to Gefitinib or Cisplatin by Inducing Altered Cross-Linked Hsp27 Dimers. <i>Pharmaceutics</i> , 2021, 13, 630.	4.5	4
134	Radiation-induced Tumorigenesis. <i>BMB Reports</i> , 2003, 36, 144-148.	2.4	4
135	Effects of Radiofrequency Electromagnetic Fields and Ionizing Radiation on Amyloid Precursor Protein Processing and Cell Death. <i>Journal of Electromagnetic Engineering and Science</i> , 2020, 20, 307-319.	1.8	4
136	Efferocytosis and enhanced FPR2 expression following apoptotic cell instillation attenuate radiation-induced lung inflammation and fibrosis. <i>Biochemical and Biophysical Research Communications</i> , 2022, 601, 38-44.	2.1	4
137	Mutation of the hydrophobic motif in a phosphorylation-deficient mutant renders protein kinase C delta more apoptotically active. <i>Archives of Biochemistry and Biophysics</i> , 2010, 493, 242-248.	3.0	3
138	Heat Shock Protein-Inducing Property of Diarylheptanoid Containing Chalcone Moiety from <i>Alpinia katsumadai</i> . <i>Molecules</i> , 2017, 22, 1750.	3.8	2
139	The Effect of Sub-chronic Whole-Body Exposure to a 1,950 MHz Electromagnetic Field on the Hippocampus in the Mouse Brain. <i>Journal of the Korean Institute of Electromagnetic Engineering and Science</i> , 2015, 15, 151-157.	3.0	2
140	Effects of 915 MHz Radiofrequency Identification Electromagnetic Field Exposure on Neuronal Precursor Cells in the Dentate Gyrus of Adult Rat Brains. <i>Journal of the Korean Institute of Electromagnetic Engineering and Science</i> , 2015, 15, 173-180.	3.0	2
141	Effects of 60-Hz Magnetic Fields on DNA Damage Responses in HT22 Mouse Hippocampal Cell Lines. <i>Journal of the Korean Institute of Electromagnetic Engineering and Science</i> , 2015, 15, 123-128.	3.0	1
142	Preparation of 125. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 2649-2655.	1.9	0
143	Effect of Extremely Low Frequency Magnetic Fields on Gene Expression in Human Mammary Epithelial MCF10A Cells. <i>Journal of the Korean Institute of Electromagnetic Engineering and Science</i> , 2012, 12, 271-279.	3.0	0
144	Abstract 3873: MMP9 processing of HSBP1 regulates tumor metastases.. , 2013, , .		0

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145	DIFFERENTIAL EXPRESSION OF RADIATION RESPONSE GENES IN SPLEEN, LUNG, AND LIVER OF RATS FOLLOWING ACUTE OR CHRONIC RADIATION EXPOSURE. <i>Journal of Radiation Protection and Research</i> , 2015, 40, 25-35.	0.6	0