

Vladimir N Ivanov

List of Publications by Year in descending order

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61
papers

3,953
citations

109321

35
h-index

128289

60
g-index

65
all docs

65
docs citations

65
times ranked

4601
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of radiation-induced bystander effects: a unifying model. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 60, 943-950.	2.4	294
2	Jun NH 2 -Terminal Kinase Phosphorylation of p53 on Thr-81 Is Important for p53 Stabilization and Transcriptional Activities in Response to Stress. <i>Molecular and Cellular Biology</i> , 2001, 21, 2743-2754.	2.3	276
3	Mechanism of radiation-induced bystander effect: Role of the cyclooxygenase-2 signaling pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 14641-14646.	7.1	239
4	Cooperation between STAT3 and c-Jun Suppresses Fas Transcription. <i>Molecular Cell</i> , 2001, 7, 517-528.	9.7	227
5	Death receptors and melanoma resistance to apoptosis. <i>Oncogene</i> , 2003, 22, 3152-3161.	5.9	201
6	Radiation Induced Non-targeted Response: Mechanism and Potential Clinical Implications. <i>Current Molecular Pharmacology</i> , 2011, 4, 96-105.	1.5	190
7	Mitochondrial Function and Nuclear Factor- κ B Mediated Signaling in Radiation-Induced Bystander Effects. <i>Cancer Research</i> , 2008, 68, 2233-2240.	0.9	163
8	Mitochondrial Damage Mediates Genotoxicity of Arsenic in Mammalian Cells. <i>Cancer Research</i> , 2005, 65, 3236-3242.	0.9	138
9	ERK and PI3K negatively regulate STAT-transcriptional activities in human melanoma cells: implications towards sensitization to apoptosis. <i>Oncogene</i> , 2003, 22, 4092-4101.	5.9	129
10	p38 protects human melanoma cells from UV-induced apoptosis through down-regulation of NF- κ B activity and Fas expression. <i>Oncogene</i> , 2000, 19, 3003-3012.	5.9	121
11	Radiation-induced bystander signaling pathways in human fibroblasts: A role for interleukin-33 in the signal transmission. <i>Cellular Signalling</i> , 2010, 22, 1076-1087.	3.6	104
12	FAP-1 Association with Fas (Apo-1) Inhibits Fas Expression on the Cell Surface. <i>Molecular and Cellular Biology</i> , 2003, 23, 3623-3635.	2.3	100
13	Resveratrol sensitizes melanomas to TRAIL through modulation of antiapoptotic gene expression. <i>Experimental Cell Research</i> , 2008, 314, 1163-1176.	2.6	99
14	Regulation of Fas Expression by STAT3 and c-Jun Is Mediated by Phosphatidylinositol 3-Kinase-AKT Signaling. <i>Journal of Biological Chemistry</i> , 2002, 277, 4932-4944.	3.4	85
15	Tetramethylpyrazine (TMP) protects against sodium arsenite-induced nephrotoxicity by suppressing ROS production, mitochondrial dysfunction, pro-inflammatory signaling pathways and programmed cell death. <i>Archives of Toxicology</i> , 2015, 89, 1057-1070.	4.2	80
16	Regulation of Fas-dependent activation-induced T cell apoptosis by cAMP signaling: a potential role for transcription factor NF- κ B. <i>Oncogene</i> , 1997, 14, 2455-2464.	5.9	71
17	TIP49b, a Regulator of Activating Transcription Factor 2 Response to Stress and DNA Damage. <i>Molecular and Cellular Biology</i> , 2001, 21, 8398-8413.	2.3	70
18	Radiosensitization of melanoma cells through combined inhibition of protein regulators of cell survival. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2008, 13, 790-802.	4.9	69

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19	Opposite Roles of FAP-1 and Dynamin in the Regulation of Fas (CD95) Translocation to the Cell Surface and Susceptibility to Fas Ligand-mediated Apoptosis. <i>Journal of Biological Chemistry</i> , 2006, 281, 1840-1852.	3.4	62
20	Combined treatment with EGFR inhibitors and arsenite upregulated apoptosis in human EGFR-positive melanomas: a role of suppression of the PI3K-AKT pathway. <i>Oncogene</i> , 2005, 24, 616-626.	5.9	60
21	Inhibition of Ataxia Telangiectasia Mutated Kinase Activity Enhances TRAIL-Mediated Apoptosis in Human Melanoma Cells. <i>Cancer Research</i> , 2009, 69, 3510-3519.	0.9	60
22	An ATF2-derived peptide sensitizes melanomas to apoptosis and inhibits their growth and metastasis. <i>Journal of Clinical Investigation</i> , 2002, 110, 643-650.	8.2	58
23	Arsenite Sensitizes Human Melanomas to Apoptosis via Tumor Necrosis Factor $\hat{\pm}$ -mediated Pathway. <i>Journal of Biological Chemistry</i> , 2004, 279, 22747-22758.	3.4	56
24	STRA13 Interacts with STAT3 and Modulates Transcription of STAT3-dependent Targets. <i>Journal of Molecular Biology</i> , 2004, 340, 641-653.	4.2	56
25	Sex steroids induce apoptosis of CD8+CD4+ double-positive thymocytes via TNF- $\hat{\pm}$. <i>European Journal of Immunology</i> , 2000, 30, 2586-2592.	2.9	51
26	Pleiotropic effects of Bcl-2 on transcription factors in T cells: potential role of NF-KB p50 $\hat{\pm}$ p50 for the anti-apoptotic function of Bcl-2. <i>International Immunology</i> , 1995, 7, 1709-1720.	4.0	47
27	Down-regulation of Tumor Necrosis Factor $\hat{\pm}$ Expression by Activating Transcription Factor 2 Increases UVC-induced Apoptosis of Late-stage Melanoma Cells. <i>Journal of Biological Chemistry</i> , 1999, 274, 14079-14089.	3.4	46
28	An ATF2-derived peptide sensitizes melanomas to apoptosis and inhibits their growth and metastasis. <i>Journal of Clinical Investigation</i> , 2002, 110, 643-650.	8.2	46
29	Disruption of IGF-1R signaling increases TRAIL-induced apoptosis: A new potential therapy for the treatment of melanoma. <i>Experimental Cell Research</i> , 2010, 316, 1994-2007.	2.6	43
30	Regulation of early signaling and gene expression in the $\hat{\pm}$ -particle and bystander response of IMR-90 human fibroblasts. <i>BMC Medical Genomics</i> , 2010, 3, 31.	1.5	42
31	Expression of ring finger-deleted TRAF2 sensitizes metastatic melanoma cells to apoptosis via up-regulation of p38, TNF $\hat{\pm}$ and suppression of NF- $\hat{\rho}$ B activities. <i>Oncogene</i> , 2001, 20, 2243-2253.	5.9	41
32	2,3,5,6-Tetramethylpyrazine (TMP) down-regulated arsenic-induced heme oxygenase-1 and ARS2 expression by inhibiting Nrf2, NF- $\hat{\rho}$ B, AP-1 and MAPK pathways in human proximal tubular cells. <i>Archives of Toxicology</i> , 2016, 90, 2187-2200.	4.2	41
33	A role for TRAIL/TRAIL-R2 in radiation-induced apoptosis and radiation-induced bystander response of human neural stem cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014, 19, 399-413.	4.9	40
34	Transcription Factor Activation during Signal-induced Apoptosis of Immature CD4+CD8+ Thymocytes. <i>Journal of Biological Chemistry</i> , 1997, 272, 8558-8566.	3.4	39
35	Role of TRAF2/GCK in melanoma sensitivity to UV-induced apoptosis. <i>Oncogene</i> , 2000, 19, 933-942.	5.9	37
36	Induction of apoptotic death and retardation of neuronal differentiation of human neural stem cells by sodium arsenite treatment. <i>Experimental Cell Research</i> , 2013, 319, 875-887.	2.6	35

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37	Regulation of human glioblastoma cell death by combined treatment of cannabidiol, \hat{I}^3 -radiation and small molecule inhibitors of cell signaling pathways. <i>Oncotarget</i> , 2017, 8, 74068-74095.	1.8	34
38	Biochemical and kinetic characterization of the glucocorticoid-induced apoptosis of immature CD4+CD8+ thymocytes. <i>International Immunology</i> , 1998, 10, 1807-1817.	4.0	32
39	Radiation-induced glioblastoma signaling cascade regulates viability, apoptosis and differentiation of neural stem cells (NSC). <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014, 19, 1736-1754.	4.9	32
40	Sodium arsenite accelerates TRAIL-mediated apoptosis in melanoma cells through upregulation of TRAIL-R1/R2 surface levels and downregulation of cFLIP expression. <i>Experimental Cell Research</i> , 2006, 312, 4120-4138.	2.6	31
41	Regulation of apoptosis in human melanoma and neuroblastoma cells by statins, sodium arsenite and TRAIL: a role of combined treatment versus monotherapy. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2011, 16, 1268-1284.	4.9	31
42	TNF- \hat{I}^{\pm} Is the Critical Mediator of the Cyclic AMP-Induced Apoptosis of CD8+4+ Double-Positive Thymocytes. <i>Journal of Immunology</i> , 2000, 164, 1689-1694.	0.8	28
43	Sequential Treatment by Ionizing Radiation and Sodium Arsenite Dramatically Accelerates TRAIL-Mediated Apoptosis of Human Melanoma Cells. <i>Cancer Research</i> , 2007, 67, 5397-5407.	0.9	27
44	Inhibition of ATM kinase upregulates levels of cell death induced by cannabidiol and \hat{I}^3 -irradiation in human glioblastoma cells. <i>Oncotarget</i> , 2019, 10, 825-846.	1.8	21
45	Embryonal antigens in maize caryopses: The temporal order of antigen accumulation during embryogenesis. <i>Planta</i> , 1977, 135, 225-231.	3.2	18
46	Transcription factors in mouse fetal thymus development. <i>International Immunology</i> , 1992, 4, 729-737.	4.0	18
47	Sodium arsenite exposure inhibits AKT and Stat3 activation, suppresses self-renewal and induces apoptotic death of embryonic stem cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 188-200.	4.9	18
48	An ATF2-derived peptide sensitizes melanomas to apoptosis and inhibits their growth and metastasis. <i>Journal of Clinical Investigation</i> , 2002, 110, 643-650.	8.2	18
49	Radiation response and regulation of apoptosis induced by a combination of TRAIL and CHX in cells lacking mitochondrial DNA: A role for NF- \hat{I}^{β} STAT3-directed gene expression. <i>Experimental Cell Research</i> , 2011, 317, 1548-1566.	2.6	17
50	Dual treatment with COX-2 inhibitor and sodium arsenite leads to induction of surface Fas Ligand expression and Fas-Ligand-mediated apoptosis in human melanoma cells. <i>Experimental Cell Research</i> , 2006, 312, 1401-1417.	2.6	15
51	Molecular cloning of a bovine immunoglobulin lambda chain cDNA. <i>Gene</i> , 1988, 67, 41-48.	2.2	14
52	Suppression of the proinflammatory response of metastatic melanoma cells increases TRAIL-induced apoptosis. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 463-475.	2.6	14
53	Mechanism of Radiation Carcinogenesis: Role of the TGFBI Gene and the Inflammatory Signaling Cascade. <i>Advances in Experimental Medicine and Biology</i> , 2011, 720, 163-170.	1.6	12
54	Molecular Cloning of Bovine \hat{I}^2 -Lactoglobulin cDNA. <i>Biological Chemistry Hoppe-Seyler</i> , 1988, 369, 425-430.	1.4	7

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55	The Ionizing Radiation-Induced Bystander Effect: Evidence, Mechanism, and Significance. , 2013, , 35-61.		7
56	Protein patterns of developing mitochondria at the onset of germination in maize (<i>Zea mays</i> L.). FEBS Letters, 1976, 65, 383-385.	2.8	6
57	Identification of bacterial clones encoding bovine caseins by direct immunological screening of the cDNA library. Gene, 1984, 32, 381-388.	2.2	5
58	Regulation of viability, differentiation and death of human melanoma cells carrying neural stem cell biomarkers: a possibility for neural trans-differentiation. Apoptosis: an International Journal on Programmed Cell Death, 2015, 20, 996-1015.	4.9	5
59	Protein Antigens in the Differentiation of Maize Root and Scutellum. Biochemie Und Physiologie Der Pflanzen, 1983, 178, 653-663.	0.5	1
60	Stimulation and inhibition of growth of mice bearing the human growth hormone gene. Bulletin of Experimental Biology and Medicine, 1986, 102, 1265-1269.	0.8	0
61	The Yin and Yang of Low-Dose Radiobiology. , 2009, , 135-142.		0