Razqallah Hakem

List of Publications by Year
in descending order

77 papers	12,840 citations	47006 47 h-index	74163 75 g-index
78 all docs	78 docs citations	78 times ranked	14371 citing authors

#	Article	IF	Citations
1	Emerging roles of DNA topoisomerases in the regulation of R-loops. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2022, 876-877, 503450.	1.7	7
2	BRCA1 and Metastasis: Outcome of Defective DNA Repair. Cancers, 2022, 14, 108.	3.7	12
3	RNF168 regulates R-loop resolution and genomic stability in BRCA1/2-deficient tumors. Journal of Clinical Investigation, 2021, 131, .	8.2	38
4	Exploiting synthetic lethality to target BRCA1/2-deficient tumors: where we stand. Oncogene, 2021, 40, 3001-3014.	5.9	49
5	Histamine signaling and metabolism identify potential biomarkers and therapies for lymphangioleiomyomatosis. EMBO Molecular Medicine, 2021, 13, e13929.	6.9	6
6	Ptpn6 inhibits caspase-8- and Ripk3/Mlkl-dependent inflammation. Nature Immunology, 2020, 21, 54-64.	14.5	33
7	Nucleolar RNA polymerase II drives ribosome biogenesis. Nature, 2020, 585, 298-302.	27.8	135
8	Immune Cell Associations with Cancer Risk. IScience, 2020, 23, 101296.	4.1	6
9	The pseudokinase MLKL activates PAD4-dependent NET formation in necroptotic neutrophils. Science Signaling, 2018, 11, .	3.6	65
10	Reducing protein oxidation reverses lung fibrosis. Nature Medicine, 2018, 24, 1128-1135.	30.7	88
11	Ubiquitin ligase RNF8 suppresses Notch signaling to regulate mammary development and tumorigenesis. Journal of Clinical Investigation, 2018, 128, 4525-4542.	8.2	31
12	The Pseudokinase MLKL and the Kinase RIPK3 Have Distinct Roles in Autoimmune Disease Caused by Loss of Death-Receptor-Induced Apoptosis. Immunity, 2016, 45, 513-526.	14.3	191
13	RNF168 and USP10 regulate topoisomerase IIÎ± function via opposing effects on its ubiquitylation. Nature Communications, 2016, 7, 12638.	12.8	35
14	The c-FLIPL Cleavage Product p43FLIP Promotes Activation of Extracellular Signal-regulated Kinase (ERK), Nuclear Factor Î°B (NF-Î°B), and Caspase-8 and T Cell Survival. Journal of Biological Chemistry, 2014, 289, 1183-1191.	3.4	35
15	The role of caspase-8 in amyloid-induced beta cell death in human and mouse islets. Diabetologia, 2014, 57, 765-775.	6.3	28
16	DICER1/ <i>Alu</i> RNA dysmetabolism induces Caspase-8â€“mediated cell death in age-related macular degeneration. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16082-16087.	7.1	79
17	LATS2 Suppresses Oncogenic Wnt Signaling by Disrupting Î²-Catenin/BCL9 Interaction. Cell Reports, 2013, 5, 1650-1663.	6.4	69
18	RNF168 ubiquitylates 53BP1 and controls its response to DNA double-strand breaks. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 20982-20987.	7.1	73

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19	Th-MYCN Mice with Caspase-8 Deficiency Develop Advanced Neuroblastoma with Bone Marrow Metastasis. Cancer Research, 2013, 73, 4086-4097.	0.9	57
20	RIP3 Inhibits Inflammatory Hepatocarcinogenesis but Promotes Cholestasis by Controlling Caspase-8- and JNK-Dependent Compensatory Cell Proliferation. Cell Reports, 2013, 4, 776-790.	6.4	124
21	Synergistic Interaction of Rnf8 and p53 in the Protection against Genomic Instability and Tumorigenesis. PLoS Genetics, 2013, 9, e1003259.	3.5	19
22	AID and Caspase 8 Shape the Germinal Center Response through Apoptosis. Journal of Immunology, 2013, 191, 5840-5847.	0.8	17
23	Systemic ceramide accumulation leads to severe and varied pathological consequences. EMBO Molecular Medicine, 2013, 5, 827-842.	6.9	90
24	From photomorphogenesis to cancer. Cell Cycle, 2013, 12, 205-206.	2.6	5
25	Pirh2. Cell Cycle, 2013, 12, 2733-2737.	2.6	36
26	Caspase-8 is essential for maintaining chromosomal stability and suppressing B-cell lymphomagenesis. Blood, 2012, 119, 3495-3502.	1.4	15
27	Neuronal Deletion of Caspase 8 Protects against Brain Injury in Mouse Models of Controlled Cortical Impact and Kainic Acid-Induced Excitotoxicity. PLoS ONE, 2011, 6, e24341.	2.5	57
28	Catalytic activity of the caspase-8â€"FLIPL complex inhibits RIPK3-dependent necrosis. Nature, 2011, 471, 363-367.	27.8	1,059
29	RIP3 mediates the embryonic lethality of caspase-8-deficient mice. Nature, 2011, 471, 368-372.	27.8	881
30	Pirh2 E3 Ubiquitin Ligase Monoubiquitinates DNA Polymerase Eta To Suppress Translesion DNA Synthesis. Molecular and Cellular Biology, 2011, 31, 3997-4006.	2.3	47
31	Caspase-8 inactivation in T cells increases necroptosis and suppresses autoimmunity in <i>Bimâˆ'/âˆ'</i> mice. Journal of Cell Biology, 2011, 195, 277-291.	5.2	22
32	Inactivation of Chk2 and Mus81 Leads to Impaired Lymphocytes Development, Reduced Genomic Instability, and Suppression of Cancer. PLoS Genetics, 2011, 7, e1001385.	3.5	18
33	Genomic Instability, Defective Spermatogenesis, Immunodeficiency, and Cancer in a Mouse Model of the RIDDLE Syndrome. PLoS Genetics, 2011, 7, e1001381.	3.5	73
34	Role of Pirh2 in Mediating the Regulation of p53 and c-Myc. PLoS Genetics, 2011, 7, e1002360.	3.5	65
35	Caspase-8 inactivation in T cells increases necroptosis and suppresses autoimmunity inBimâˆ'/âˆ'mice. Journal of Experimental Medicine, 2011, 208, i30-i30.	8.5	0
36	Genome Integrity - a new open access journal. Genome Integrity, 2010, 1, 1.	1.0	8

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37	DNA double-strand break signaling and human disorders. Genome Integrity, 2010, 1, 15.	1.0	63
38	Rnf8 deficiency impairs class switch recombination, spermatogenesis, and genomic integrity and predisposes for cancer. Journal of Experimental Medicine, 2010, 207, 983-997.	8.5	112
39	Dysregulation of the mevalonate pathway promotes transformation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15051-15056.	7.1	323
40	Rnf8 deficiency impairs class switch recombination, spermatogenesis, and genomic integrity and predisposes for cancer. Journal of Cell Biology, 2010, 189, i6-i6.	5.2	0
41	Absence of Caspase-3 Protects Pancreatic Î²-Cells from c-Myc-induced Apoptosis without Leading to Tumor Formation. Journal of Biological Chemistry, 2009, 284, 10947-10956.	3.4	22
42	Fatal Hepatitis Mediated by Tumor Necrosis Factor TNFÎ± Requires Caspase-8 and Involves the BH3-Only Proteins Bid and Bim. Immunity, 2009, 30, 56-66.	14.3	128
43	DNA-damage repair; the good, the bad, and the ugly. EMBO Journal, 2008, 27, 589-605.	7.8	396
44	Distinct In Vivo Roles of Caspase-8 in Â-Cells in Physiological and Diabetes Models. Diabetes, 2007, 56, 2302-2311.	0.6	63
45	Endoplasmic Reticulum Stress-induced Death of Mouse Embryonic Fibroblasts Requires the Intrinsic Pathway of Apoptosis*. Journal of Biological Chemistry, 2007, 282, 14132-14139.	3.4	85
46	Functional Interplay of p53 and Mus81 in DNA Damage Responses and Cancer. Cancer Research, 2007, 67, 8527-8535.	0.9	30
47	Essential Role for Caspase-8 in Toll-like Receptors and NFÎºB Signaling. Journal of Biological Chemistry, 2007, 282, 7416-7423.	3.4	137
48	A role for Brca1 in chromosome end maintenance. Human Molecular Genetics, 2006, 15, 831-838.	2.9	70
49	Caspase-8 deficiency in T cells leads to a lethal lymphoinfiltrative immune disorder. Journal of Experimental Medicine, 2005, 202, 727-732.	8.5	68
50	Apoptosis caused by p53-induced protein with death domain (PIDD) depends on the death adapter protein RAIDD. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 14314-14320.	7.1	96
51	Cellular FLICE-inhibitory protein is required for T cell survival and cycling. Journal of Experimental Medicine, 2005, 202, 405-413.	8.5	77
52	Caspase-3-Dependent Î²-Cell Apoptosis in the Initiation of Autoimmune Diabetes Mellitus. Molecular and Cellular Biology, 2005, 25, 3620-3629.	2.3	129
53	Requirement for Caspase-8 in NF-ÂB Activation by Antigen Receptor. Science, 2005, 307, 1465-1468.	12.6	404
54	Collaboration of Brca1 and Chk2 in tumorigenesis. Genes and Development, 2004, 18, 1144-1153.	5.9	61

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55	Brca2 Deficiency Does Not Impair Mammary Epithelium Development but Promotes Mammary Adenocarcinoma Formation in p53+/â˜ Mutant Mice. Cancer Research, 2004, 64, 1959-1965.	0.9	42
56	Coupling of caspase-9 to Apaf1 in response to loss of pRb or cytotoxic drugs is cell-type-specific. EMBO Journal, 2004, 23, 460-472.	7.8	46
57	Lats2/Kpm is required for embryonic development, proliferation control and genomic integrity. EMBO Journal, 2004, 23, 3677-3688.	7.8	179
58	Involvement of Mammalian Mus81 in Genome Integrity and Tumor Suppression. Science, 2004, 304, 1822-1826.	12.6	178
59	Perforin-dependent activation-induced cell death acts through caspaseâ€„3 but not through caspasesâ€„8 orâ€„9. European Journal of Immunology, 2003, 33, 769-778.	2.9	20
60	Caspase-3 regulates cell cycle in B cells: a consequence of substrate specificity. Nature Immunology, 2003, 4, 1016-1022.	14.5	158
61	Eme1 is involved in DNA damage processing and maintenance of genomic stability in mammalian cells. EMBO Journal, 2003, 22, 6137-6147.	7.8	118
62	Pirh2, a p53-Induced Ubiquitin-Protein Ligase, Promotes p53 Degradation. Cell, 2003, 112, 779-791.	28.9	657
63	Essential role for caspase 8 in T-cell homeostasis and T-cell-mediated immunity. Genes and Development, 2003, 17, 883-895.	5.9	412
64	CD28-dependent Activation of Protein Kinase B/Akt Blocks Fas-mediated Apoptosis by Preventing Death-inducing Signaling Complex Assembly. Journal of Experimental Medicine, 2002, 196, 335-348.	8.5	128
65	Animal Models of Tumor-Suppressor Genes. Annual Review of Genetics, 2001, 35, 209-241.	7.6	52
66	Essential role of the mitochondrial apoptosis-inducing factor in programmed cell death. Nature, 2001, 410, 549-554.	27.8	1,212
67	Brca1 required for T cell lineage development but not TCR loci rearrangement. Nature Immunology, 2000, 1, 77-82.	14.5	74
68	Executionary pathway for apoptosis: lessons from mutant mice. Cell Research, 2000, 10, 267-278.	12.0	41
69	Gene targeting in the analysis of mammalian apoptosis and TNF receptor superfamily signaling. Immunological Reviews, 1999, 169, 283-302.	6.0	70
70	Developmental studies of Brca1 and Brca2 knock-out mice. Journal of Mammary Gland Biology and Neoplasia, 1998, 3, 431-445.	2.7	73
71	Differential Requirement for Caspase 9 in Apoptotic Pathways In Vivo. Cell, 1998, 94, 339-352.	28.9	1,224
72	Apaf1 Is Required for Mitochondrial Pathways of Apoptosis and Brain Development. Cell, 1998, 94, 739-750.	28.9	1,072

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73	Partial rescue of Brca15â€“6 early embryonic lethality by p53 or p21 null mutation. Nature Genetics, 1997, 16, 298-302.	21.4	237
74	Stress-signalling kinase Sek1 protects thymocytes from apoptosis mediated by CD95 and CD3. Nature, 1997, 385, 350-353.	27.8	339
75	The Tumor Suppressor Gene Brca1 Is Required for Embryonic Cellular Proliferation in the Mouse. Cell, 1996, 85, 1009-1023.	28.9	647
76	Transfected trophoblastâ€derived human cells can express a single HLA class I allelic product. Tissue Antigens, 1991, 37, 84-89.	1.0	17
77	Differential transcription inducibility by interferon of the HLA-A3 and HLA-B7 class-I genes. International Journal of Cancer, 1991, 47, 2-9.	5.1	7