

# Razqallah Hakem

## List of Publications by Year in descending order

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77  
papers

12,840  
citations

46984

47  
h-index

74108

75  
g-index

78  
all docs

78  
docs citations

78  
times ranked

14371  
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential Requirement for Caspase 9 in Apoptotic Pathways In Vivo. <i>Cell</i> , 1998, 94, 339-352.	13.5	1,224
2	Essential role of the mitochondrial apoptosis-inducing factor in programmed cell death. <i>Nature</i> , 2001, 410, 549-554.	13.7	1,212
3	Apaf1 Is Required for Mitochondrial Pathways of Apoptosis and Brain Development. <i>Cell</i> , 1998, 94, 739-750.	13.5	1,072
4	Catalytic activity of the caspase-8 FLIPL complex inhibits RIPK3-dependent necrosis. <i>Nature</i> , 2011, 471, 363-367.	13.7	1,059
5	RIP3 mediates the embryonic lethality of caspase-8-deficient mice. <i>Nature</i> , 2011, 471, 368-372.	13.7	881
6	Pirh2, a p53-Induced Ubiquitin-Protein Ligase, Promotes p53 Degradation. <i>Cell</i> , 2003, 112, 779-791.	13.5	657
7	The Tumor Suppressor Gene Brca1 Is Required for Embryonic Cellular Proliferation in the Mouse. <i>Cell</i> , 1996, 85, 1009-1023.	13.5	647
8	Essential role for caspase 8 in T-cell homeostasis and T-cell-mediated immunity. <i>Genes and Development</i> , 2003, 17, 883-895.	2.7	412
9	Requirement for Caspase-8 in NF- $\kappa$ B Activation by Antigen Receptor. <i>Science</i> , 2005, 307, 1465-1468.	6.0	404
10	DNA-damage repair; the good, the bad, and the ugly. <i>EMBO Journal</i> , 2008, 27, 589-605.	3.5	396
11	Stress-signalling kinase Sek1 protects thymocytes from apoptosis mediated by CD95 and CD3. <i>Nature</i> , 1997, 385, 350-353.	13.7	339
12	Dysregulation of the mevalonate pathway promotes transformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15051-15056.	3.3	323
13	Partial rescue of Brca1 <sup>-/-</sup> early embryonic lethality by p53 or p21 null mutation. <i>Nature Genetics</i> , 1997, 16, 298-302.	9.4	237
14	The Pseudokinase MLKL and the Kinase RIPK3 Have Distinct Roles in Autoimmune Disease Caused by Loss of Death-Receptor-Induced Apoptosis. <i>Immunity</i> , 2016, 45, 513-526.	6.6	191
15	Lats2/Kpm is required for embryonic development, proliferation control and genomic integrity. <i>EMBO Journal</i> , 2004, 23, 3677-3688.	3.5	179
16	Involvement of Mammalian Mus81 in Genome Integrity and Tumor Suppression. <i>Science</i> , 2004, 304, 1822-1826.	6.0	178
17	Caspase-3 regulates cell cycle in B cells: a consequence of substrate specificity. <i>Nature Immunology</i> , 2003, 4, 1016-1022.	7.0	158
18	Essential Role for Caspase-8 in Toll-like Receptors and NF- $\kappa$ B Signaling. <i>Journal of Biological Chemistry</i> , 2007, 282, 7416-7423.	1.6	137

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19	Nucleolar RNA polymerase II drives ribosome biogenesis. <i>Nature</i> , 2020, 585, 298-302.	13.7	135
20	Caspase-3-Dependent $\hat{I}^2$ -Cell Apoptosis in the Initiation of Autoimmune Diabetes Mellitus. <i>Molecular and Cellular Biology</i> , 2005, 25, 3620-3629.	1.1	129
21	CD28-dependent Activation of Protein Kinase B/Akt Blocks Fas-mediated Apoptosis by Preventing Death-inducing Signaling Complex Assembly. <i>Journal of Experimental Medicine</i> , 2002, 196, 335-348.	4.2	128
22	Fatal Hepatitis Mediated by Tumor Necrosis Factor TNF $\hat{I}$ ± Requires Caspase-8 and Involves the BH3-Only Proteins Bid and Bim. <i>Immunity</i> , 2009, 30, 56-66.	6.6	128
23	RIP3 Inhibits Inflammatory Hepatocarcinogenesis but Promotes Cholestasis by Controlling Caspase-8- and JNK-Dependent Compensatory Cell Proliferation. <i>Cell Reports</i> , 2013, 4, 776-790.	2.9	124
24	Eme1 is involved in DNA damage processing and maintenance of genomic stability in mammalian cells. <i>EMBO Journal</i> , 2003, 22, 6137-6147.	3.5	118
25	Rnf8 deficiency impairs class switch recombination, spermatogenesis, and genomic integrity and predisposes for cancer. <i>Journal of Experimental Medicine</i> , 2010, 207, 983-997.	4.2	112
26	Apoptosis caused by p53-induced protein with death domain (PIDD) depends on the death adapter protein RAIDD. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 14314-14320.	3.3	96
27	Systemic ceramide accumulation leads to severe and varied pathological consequences. <i>EMBO Molecular Medicine</i> , 2013, 5, 827-842.	3.3	90
28	Reducing protein oxidation reverses lung fibrosis. <i>Nature Medicine</i> , 2018, 24, 1128-1135.	15.2	88
29	Endoplasmic Reticulum Stress-induced Death of Mouse Embryonic Fibroblasts Requires the Intrinsic Pathway of Apoptosis*. <i>Journal of Biological Chemistry</i> , 2007, 282, 14132-14139.	1.6	85
30	DICER1/ <i>&lt;i&gt;Alu&lt;/i&gt;</i> RNA dysmetabolism induces Caspase-8-mediated cell death in age-related macular degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 16082-16087.	3.3	79
31	Cellular FLICE-inhibitory protein is required for T cell survival and cycling. <i>Journal of Experimental Medicine</i> , 2005, 202, 405-413.	4.2	77
32	Brca1 required for T cell lineage development but not TCR loci rearrangement. <i>Nature Immunology</i> , 2000, 1, 77-82.	7.0	74
33	Developmental studies of Brca1 and Brca2 knock-out mice. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 1998, 3, 431-445.	1.0	73
34	Genomic Instability, Defective Spermatogenesis, Immunodeficiency, and Cancer in a Mouse Model of the RIDDLE Syndrome. <i>PLoS Genetics</i> , 2011, 7, e1001381.	1.5	73
35	RNF168 ubiquitylates 53BP1 and controls its response to DNA double-strand breaks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20982-20987.	3.3	73
36	Gene targeting in the analysis of mammalian apoptosis and TNF receptor superfamily signaling. <i>Immunological Reviews</i> , 1999, 169, 283-302.	2.8	70

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37	A role for Brca1 in chromosome end maintenance. <i>Human Molecular Genetics</i> , 2006, 15, 831-838.	1.4	70
38	LATS2 Suppresses Oncogenic Wnt Signaling by Disrupting $\beta$ -Catenin/BCL9 Interaction. <i>Cell Reports</i> , 2013, 5, 1650-1663.	2.9	69
39	Caspase-8 deficiency in T cells leads to a lethal lymphoinfiltrative immune disorder. <i>Journal of Experimental Medicine</i> , 2005, 202, 727-732.	4.2	68
40	Role of Pirh2 in Mediating the Regulation of p53 and c-Myc. <i>PLoS Genetics</i> , 2011, 7, e1002360.	1.5	65
41	The pseudokinase MLKL activates PAD4-dependent NET formation in necroptotic neutrophils. <i>Science Signaling</i> , 2018, 11, .	1.6	65
42	Distinct In Vivo Roles of Caspase-8 in $\beta$ -Cells in Physiological and Diabetes Models. <i>Diabetes</i> , 2007, 56, 2302-2311.	0.3	63
43	DNA double-strand break signaling and human disorders. <i>Genome Integrity</i> , 2010, 1, 15.	1.0	63
44	Collaboration of Brca1 and Chk2 in tumorigenesis. <i>Genes and Development</i> , 2004, 18, 1144-1153.	2.7	61
45	Neuronal Deletion of Caspase 8 Protects against Brain Injury in Mouse Models of Controlled Cortical Impact and Kainic Acid-Induced Excitotoxicity. <i>PLoS ONE</i> , 2011, 6, e24341.	1.1	57
46	Th-MYCN Mice with Caspase-8 Deficiency Develop Advanced Neuroblastoma with Bone Marrow Metastasis. <i>Cancer Research</i> , 2013, 73, 4086-4097.	0.4	57
47	Animal Models of Tumor-Suppressor Genes. <i>Annual Review of Genetics</i> , 2001, 35, 209-241.	3.2	52
48	Exploiting synthetic lethality to target BRCA1/2-deficient tumors: where we stand. <i>Oncogene</i> , 2021, 40, 3001-3014.	2.6	49
49	Pirh2 E3 Ubiquitin Ligase Monoubiquitinates DNA Polymerase Eta To Suppress Translesion DNA Synthesis. <i>Molecular and Cellular Biology</i> , 2011, 31, 3997-4006.	1.1	47
50	Coupling of caspase-9 to Apaf1 in response to loss of pRb or cytotoxic drugs is cell-type-specific. <i>EMBO Journal</i> , 2004, 23, 460-472.	3.5	46
51	Brca2 Deficiency Does Not Impair Mammary Epithelium Development but Promotes Mammary Adenocarcinoma Formation in p53+/ $\beta$ Mutant Mice. <i>Cancer Research</i> , 2004, 64, 1959-1965.	0.4	42
52	Executionary pathway for apoptosis: lessons from mutant mice. <i>Cell Research</i> , 2000, 10, 267-278.	5.7	41
53	RNF168 regulates R-loop resolution and genomic stability in BRCA1/2-deficient tumors. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	38
54	Pirh2. <i>Cell Cycle</i> , 2013, 12, 2733-2737.	1.3	36

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55	The c-FLIPL Cleavage Product p43FLIP Promotes Activation of Extracellular Signal-regulated Kinase (ERK), Nuclear Factor $\kappa$ B (NF- $\kappa$ B), and Caspase-8 and T Cell Survival. <i>Journal of Biological Chemistry</i> , 2014, 289, 1183-1191.	1.6	35
56	RNF168 and USP10 regulate topoisomerase II $\alpha$ function via opposing effects on its ubiquitylation. <i>Nature Communications</i> , 2016, 7, 12638.	5.8	35
57	Ptpn6 inhibits caspase-8- and Ripk3/Mlkl-dependent inflammation. <i>Nature Immunology</i> , 2020, 21, 54-64.	7.0	33
58	Ubiquitin ligase RNF8 suppresses Notch signaling to regulate mammary development and tumorigenesis. <i>Journal of Clinical Investigation</i> , 2018, 128, 4525-4542.	3.9	31
59	Functional Interplay of p53 and Mus81 in DNA Damage Responses and Cancer. <i>Cancer Research</i> , 2007, 67, 8527-8535.	0.4	30
60	The role of caspase-8 in amyloid-induced beta cell death in human and mouse islets. <i>Diabetologia</i> , 2014, 57, 765-775.	2.9	28
61	Absence of Caspase-3 Protects Pancreatic $\beta$ -Cells from c-Myc-induced Apoptosis without Leading to Tumor Formation. <i>Journal of Biological Chemistry</i> , 2009, 284, 10947-10956.	1.6	22
62	Caspase-8 inactivation in T cells increases necroptosis and suppresses autoimmunity in <i>Bim</i> <sup>-/-</sup> mice. <i>Journal of Cell Biology</i> , 2011, 195, 277-291.	2.3	22
63	Perforin-dependent activation-induced cell death acts through caspase-3 but not through caspases-8 or-9. <i>European Journal of Immunology</i> , 2003, 33, 769-778.	1.6	20
64	Synergistic Interaction of Rnf8 and p53 in the Protection against Genomic Instability and Tumorigenesis. <i>PLoS Genetics</i> , 2013, 9, e1003259.	1.5	19
65	Inactivation of Chk2 and Mus81 Leads to Impaired Lymphocytes Development, Reduced Genomic Instability, and Suppression of Cancer. <i>PLoS Genetics</i> , 2011, 7, e1001385.	1.5	18
66	Transfected trophoblast-derived human cells can express a single HLA class I allelic product. <i>Tissue Antigens</i> , 1991, 37, 84-89.	1.0	17
67	AID and Caspase 8 Shape the Germinal Center Response through Apoptosis. <i>Journal of Immunology</i> , 2013, 191, 5840-5847.	0.4	17
68	Caspase-8 is essential for maintaining chromosomal stability and suppressing B-cell lymphomagenesis. <i>Blood</i> , 2012, 119, 3495-3502.	0.6	15
69	BRCA1 and Metastasis: Outcome of Defective DNA Repair. <i>Cancers</i> , 2022, 14, 108.	1.7	12
70	Genome Integrity - a new open access journal. <i>Genome Integrity</i> , 2010, 1, 1.	1.0	8
71	Differential transcription inducibility by interferon of the HLA-A3 and HLA-B7 class-I genes. <i>International Journal of Cancer</i> , 1991, 47, 2-9.	2.3	7
72	Emerging roles of DNA topoisomerases in the regulation of R-loops. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2022, 876-877, 503450.	0.9	7

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73	Immune Cell Associations with Cancer Risk. <i>IScience</i> , 2020, 23, 101296.	1.9	6
74	Histamine signaling and metabolism identify potential biomarkers and therapies for lymphangioliomyomatosis. <i>EMBO Molecular Medicine</i> , 2021, 13, e13929.	3.3	6
75	From photomorphogenesis to cancer. <i>Cell Cycle</i> , 2013, 12, 205-206.	1.3	5
76	Rnf8 deficiency impairs class switch recombination, spermatogenesis, and genomic integrity and predisposes for cancer. <i>Journal of Cell Biology</i> , 2010, 189, i6-i6.	2.3	0
77	Caspase-8 inactivation in T cells increases necroptosis and suppresses autoimmunity in <i>Bim<sup>-/-</sup></i> mice. <i>Journal of Experimental Medicine</i> , 2011, 208, i30-i30.	4.2	0