

Thomas D Gilmore

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

88

papers

7,385

citations

39

h-index

85

g-index

97

ext. papers

8,063

ext. citations

7.8

avg, IF

6.62

L-index

#	Paper	IF	Citations
88	Introduction to NF-kappaB: players, pathways, perspectives. <i>Oncogene</i> , 2006 , 25, 6680-4	9.2	1697
87	Control of apoptosis by Rel/NF-kappaB transcription factors. <i>Oncogene</i> , 1999 , 18, 6910-24	9.2	1062
86	Inhibitors of NF-kappaB signaling: 785 and counting. <i>Oncogene</i> , 2006 , 25, 6887-99	9.2	441
85	The Rel/NF-kappaB signal transduction pathway: introduction. <i>Oncogene</i> , 1999 , 18, 6842-4	9.2	350
84	Transcription factor cross-talk: the estrogen receptor and NF-kappaB. <i>Trends in Endocrinology and Metabolism</i> , 2005 , 16, 46-52	8.8	290
83	NF-kappa B, KBF1, dorsal, and related matters. <i>Cell</i> , 1990 , 62, 841-3	56.2	271
82	Diverse agents act at multiple levels to inhibit the Rel/NF-kappaB signal transduction pathway. <i>Oncogene</i> , 1999 , 18, 6896-909	9.2	197
81	NF- B : where did it come from and why?. <i>Immunological Reviews</i> , 2012 , 246, 14-35	11.3	174
80	Multiple mutations contribute to the oncogenicity of the retroviral oncoprotein v-Rel. <i>Oncogene</i> , 1999 , 18, 6925-37	9.2	167
79	Phosphorylation of IkappaB-alpha inhibits its cleavage by caspase CPP32 in vitro. <i>Journal of Biological Chemistry</i> , 1997 , 272, 29419-22	5.4	135
78	Different localization of the product of the v-rel oncogene in chicken fibroblasts and spleen cells correlates with transformation by REV-T. <i>Cell</i> , 1986 , 44, 791-800	56.2	135
77	Zyxin and paxillin proteins: focal adhesion plaque LIM domain proteins go nuclear. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2003 , 1593, 115-20	4.9	120
76	The c-Rel transcription factor and B-cell proliferation: a deal with the devil. <i>Oncogene</i> , 2004 , 23, 2275-86	9.2	119
75	The c-Rel Transcription Factor in Development and Disease. <i>Genes and Cancer</i> , 2011 , 2, 695-711	2.9	97
74	Rel/NF-kappa B/ kappa B signal transduction in the generation and treatment of human cancer. <i>Cancer Letters</i> , 2002 , 181, 1-9	9.9	90
73	Inhibition of NF- B signaling as a strategy in disease therapy. <i>Current Topics in Microbiology and Immunology</i> , 2011 , 349, 245-63	3.3	80
72	Malignant transformation of primary chicken spleen cells by human transcription factor c-Rel. <i>Oncogene</i> , 2001 , 20, 7098-103	9.2	78

71	NF-kappaB down-regulates expression of the B-lymphoma marker CD10 through a miR-155/PU.1 pathway. <i>Journal of Biological Chemistry</i> , 2011 , 286, 1675-82	5.4	72
70	The Rel/NF-B/IB Signal Transduction Pathway and Cancer 2004 , 241-265		72
69	Inhibition of transcription factor NF-kappaB signaling proteins IKKbeta and p65 through specific cysteine residues by epoxyquinone A monomer: correlation with its anti-cancer cell growth activity. <i>Biochemical Pharmacology</i> , 2006 , 71, 634-45	6	71
68	Histone acetyltransferases and histone deacetylases in B- and T-cell development, physiology and malignancy. <i>Genes and Cancer</i> , 2015 , 6, 184-213	2.9	68
67	Angiogenesis inhibitor epoxyquinol a: total synthesis and inhibition of transcription factor NF-kappaB. <i>Organic Letters</i> , 2002 , 4, 3267-70	6.2	67
66	Evolutionary Origins of Toll-like Receptor Signaling. <i>Molecular Biology and Evolution</i> , 2018 , 35, 1576-1588	8.3	66
65	Intermolecular disulfide bond formation in the NEMO dimer requires Cys54 and Cys347. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 367, 103-8	3.4	63
64	Multiple myeloma: lusting for NF-kappaB. <i>Cancer Cell</i> , 2007 , 12, 95-7	24.3	63
63	LIM domain protein Trip6 has a conserved nuclear export signal, nuclear targeting sequences, and multiple transactivation domains. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2001 , 1538, 260-72	4.9	63
62	Rel homology domain-containing transcription factors in the cnidarian <i>Nematostella vectensis</i> . <i>Development Genes and Evolution</i> , 2007 , 217, 63-72	1.8	61
61	Microinjection of mRNA or morpholinos for reverse genetic analysis in the starlet sea anemone, <i>Nematostella vectensis</i> . <i>Nature Protocols</i> , 2013 , 8, 924-34	18.8	55
60	Alternative splicing in the NF-kappaB signaling pathway. <i>Gene</i> , 2008 , 423, 97-107	3.8	50
59	Jesterone dimer, a synthetic derivative of the fungal metabolite jesterone, blocks activation of transcription factor nuclear factor kappaB by inhibiting the inhibitor of kappaB kinase. <i>Molecular Pharmacology</i> , 2003 , 64, 123-31	4.3	49
58	Total synthesis of the NF-kappa B inhibitor (-)-cycloepoxydon: utilization of tartrate-mediated nucleophilic epoxidation. <i>Journal of the American Chemical Society</i> , 2001 , 123, 11308-9	16.4	48
57	The human B-cell lymphoma cell line RC-K8 has multiple genetic alterations that dysregulate the Rel/NF-kappaB signal transduction pathway. <i>Oncogene</i> , 2002 , 21, 8759-68	9.2	47
56	The C terminus of the NF-kappa B p50 precursor and an I kappa B isoform contain transcription activation domains. <i>Nucleic Acids Research</i> , 1992 , 20, 2453-8	20.1	47
55	Immortalized embryonic mouse fibroblasts lacking the RelA subunit of transcription factor NF-kappaB have a malignantly transformed phenotype. <i>Oncogene</i> , 2002 , 21, 2484-92	9.2	46
54	The Rel1/NF-kappa B/I kappa B signal transduction pathway and cancer. <i>Cancer Treatment and Research</i> , 2003 , 115, 241-65	3.5	45

53	Characterizing the spatiotemporal expression of RNAs and proteins in the starlet sea anemone, <i>Nematostella vectensis</i> . <i>Nature Protocols</i> , 2013 , 8, 900-15	18.8	43
52	Identification of an NF- κ B p50/p65-responsive site in the human MIR155HG promoter. <i>BMC Molecular Biology</i> , 2013 , 14, 24	4.5	41
51	Characterization of the core elements of the NF- κ B signaling pathway of the sea anemone <i>Nematostella vectensis</i> . <i>Molecular and Cellular Biology</i> , 2011 , 31, 1076-87	4.8	41
50	Two alleles of NF- κ B in the sea anemone <i>Nematostella vectensis</i> are widely dispersed in nature and encode proteins with distinct activities. <i>PLoS ONE</i> , 2009 , 4, e7311	3.7	39
49	Immortalized fibroblasts from NF- κ B RelA knockout mice show phenotypic heterogeneity and maintain increased sensitivity to tumor necrosis factor alpha after transformation by v-Ras. <i>Oncogene</i> , 2005 , 24, 6574-83	9.2	38
48	Sea anemone model has a single Toll-like receptor that can function in pathogen detection, NF- κ B signal transduction, and development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E10122-E10131	11.5	36
47	Deletion of either C-terminal transactivation subdomain enhances the in vitro transforming activity of human transcription factor REL in chicken spleen cells. <i>Oncogene</i> , 2003 , 22, 6928-36	9.2	35
46	Characterization of mouse Trip6: a putative intracellular signaling protein. <i>Gene</i> , 1999 , 234, 403-9	3.8	34
45	Transcription factor NF- κ B is modulated by symbiotic status in a sea anemone model of cnidarian bleaching. <i>Scientific Reports</i> , 2017 , 7, 16025	4.9	31
44	A conserved Toll-like receptor-to-NF- κ B signaling pathway in the endangered coral <i>Orbicella faveolata</i> . <i>Developmental and Comparative Immunology</i> , 2018 , 79, 128-136	3.2	30
43	Looking Down on NF- κ B. <i>Molecular and Cellular Biology</i> , 2020 , 40,	4.8	28
42	The sensitivity of diffuse large B-cell lymphoma cell lines to histone deacetylase inhibitor-induced apoptosis is modulated by BCL-2 family protein activity. <i>PLoS ONE</i> , 2013 , 8, e62822	3.7	28
41	Mutations of tumor necrosis factor alpha-responsive serine residues within the C-terminal transactivation domain of human transcription factor REL enhance its in vitro transforming ability. <i>Oncogene</i> , 2005 , 24, 7355-68	9.2	26
40	Innate immunity and cnidarian-Symbiodiniaceae mutualism. <i>Developmental and Comparative Immunology</i> , 2019 , 90, 199-209	3.2	26
39	NF- κ B is required for cnidocyte development in the sea anemone <i>Nematostella vectensis</i> . <i>Developmental Biology</i> , 2013 , 373, 205-15	3.1	25
38	Genomic organization and expression of the rearranged REL proto-oncogene in the human B-cell lymphoma cell line RC-K8. <i>Genes Chromosomes and Cancer</i> , 2002 , 34, 129-35	5	23
37	Histone acetyltransferase p300 is a coactivator for transcription factor REL and is C-terminally truncated in the human diffuse large B-cell lymphoma cell line RC-K8. <i>Cancer Letters</i> , 2010 , 291, 237-45	9.9	22
36	Isolation of DNA, RNA and protein from the starlet sea anemone <i>Nematostella vectensis</i> . <i>Nature Protocols</i> , 2013 , 8, 892-9	18.8	21

35	Three mutations in v-Rel render it resistant to cleavage by cell-death protease caspase-3. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2001 , 1526, 25-36	4	19
34	Histone acetyltransferase-deficient p300 mutants in diffuse large B cell lymphoma have altered transcriptional regulatory activities and are required for optimal cell growth. <i>Molecular Cancer</i> , 2014 , 13, 29	42.1	18
33	The synthetic epoxyquinoids jesterone dimer and epoxyquinone A monomer induce apoptosis and inhibit REL (human c-Rel) DNA binding in an IkappaBalpha-deficient diffuse large B-cell lymphoma cell line. <i>Cancer Letters</i> , 2006 , 241, 69-78	9.9	18
32	RELevant gene amplification in B-cell lymphomas?. <i>Blood</i> , 2004 , 103, 3243-4; author reply 3244-5	2.2	17
31	A conditional mutant of vRel containing sequences from the human estrogen receptor. <i>Virology</i> , 1993 , 193, 160-70	3.6	16
30	Mutant envelope residues confer a transactivation function onto N-terminal sequences of the v-Rel oncoprotein. <i>Oncogene</i> , 2000 , 19, 599-607	9.2	15
29	Bcl-XL, but not Bcl-2, can protect human B-lymphoma cell lines from parthenolide-induced apoptosis. <i>Cancer Letters</i> , 2012 , 318, 53-60	9.9	12
28	Mutation of nonessential cysteines shows that the NF-B essential modulator forms a constitutive noncovalent dimer that binds IB kinase with high affinity. <i>Biochemistry</i> , 2013 , 52, 9141-54	3.2	12
27	A rearranged EP300 gene in the human B-cell lymphoma cell line RC-K8 encodes a disabled transcriptional co-activator that contributes to cell growth and oncogenicity. <i>Cancer Letters</i> , 2011 , 302, 76-83	9.9	12
26	Stable expression of the avian retroviral oncoprotein v-Rel in avian, mouse, and dog cell lines. <i>Virology</i> , 2003 , 316, 9-16	3.6	11
25	Characterizing the DNA binding site specificity of NF-B with protein-binding microarrays (PBMs). <i>Methods in Molecular Biology</i> , 2015 , 1280, 609-30	1.4	10
24	Characterization of a human REL-estrogen receptor fusion protein with a reverse conditional transforming activity in chicken spleen cells. <i>Oncogene</i> , 2004 , 23, 7580-7	9.2	8
23	Intraspecific variation in oxidative stress tolerance in a model cnidarian: Differences in peroxide sensitivity between and within populations of <i>Nematostella vectensis</i> . <i>PLoS ONE</i> , 2018 , 13, e0188265	3.7	8
22	NF-B and Human Cancer: What Have We Learned over the Past 35 Years?. <i>Biomedicines</i> , 2021 , 9,	4.8	8
21	Adaptive Significance of ERSplice Variants in Killifish (<i>Fundulus heteroclitus</i>) Resident in an Estrogenic Environment. <i>Endocrinology</i> , 2016 , 157, 2294-308	4.8	7
20	Disulfide-mediated stabilization of the IB kinase binding domain of NF-B essential modulator (NEMO). <i>Biochemistry</i> , 2014 , 53, 7929-44	3.2	7
19	Two polymorphic residues account for the differences in DNA binding and transcriptional activation by NF-B proteins encoded by naturally occurring alleles in <i>Nematostella vectensis</i> . <i>Journal of Molecular Evolution</i> , 2011 , 73, 325-36	3.1	7
18	Mutations within a conserved protein kinase A recognition sequence confer temperature-sensitive and partially defective activities onto mouse c-Rel. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 307, 92-9	3.4	7

17	Varied effects of algal symbionts on transcription factor NF- κ B in a sea anemone and a coral: possible roles in symbiosis and thermotolerance		6
16	Transcription factor NF- κ B in a basal metazoan, the sponge, has conserved and unique sequences, activities, and regulation. <i>Developmental and Comparative Immunology</i> , 2020 , 104, 103559	3.2	6
15	Ser484 and Ser494 in REL are the major sites of IKK phosphorylation in vitro: evidence that IKK does not directly enhance GAL4-REL transactivation. <i>Gene Expression</i> , 2008 , 14, 195-205	3.4	5
14	A Central Region of NF- κ B Essential Modulator Is Required for IKK-Induced Conformational Change and for Signal Propagation. <i>Biochemistry</i> , 2019 , 58, 2906-2920	3.2	4
13	Malignant Transformation of Cells by the v-Rel Oncoprotein		4
12	Methods for analyzing the evolutionary relationship of NF- κ B proteins using free, web-driven bioinformatics and phylogenetic tools. <i>Methods in Molecular Biology</i> , 2015 , 1280, 631-46	1.4	3
11	Inhibition of Oncogenic Transcription Factor REL by the Natural Product Derivative Calafianin Monomer 101 Induces Proliferation Arrest and Apoptosis in Human B-Lymphoma Cell Lines. <i>Molecules</i> , 2015 , 20, 7474-94	4.8	2
10	N- and C-terminal non-conserved residues contribute to transactivation by a sea anemone (<i>Nematostella vectensis</i>) NF- κ B transcription factor. <i>Bios</i> , 2015 , 86, 165-175	0.2	2
9	Envelope-dependent transactivation by the retroviral oncoprotein v-Rel is required for efficient malignant transformation of chicken spleen cells. <i>Oncogene</i> , 2000 , 19, 3131-7	9.2	2
8	Methods for assessing the in vitro transforming activity of NF- κ B transcription factor c-Rel and related proteins. <i>Methods in Molecular Biology</i> , 2015 , 1280, 427-46	1.4	2
7	Evidence for an oncogenic modifier role for mutant histone acetyltransferases in diffuse large B-cell lymphoma. <i>Leukemia and Lymphoma</i> , 2016 , 57, 2661-71	1.9	2
6	CRISPR/Cas9-based editing of a sensitive transcriptional regulatory element to achieve cell type-specific knockdown of the NEMO scaffold protein. <i>PLoS ONE</i> , 2019 , 14, e0222588	3.7	1
5	The chicken RelB transcription factor has transactivation sequences and a tissue-specific expression pattern that are distinct from mammalian RelB. <i>Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications</i> , 2001 , 4, 266-75		1
4	Molecular and Biochemical Approaches to Study the Evolution of NF- κ B Signaling in Basal Metazoans. <i>Methods in Molecular Biology</i> , 2021 , 2366, 67-91	1.4	1
3	Comparison of NF- κ B from the protists <i>Capsaspora owczarzaki</i> and <i>Acanthoeca spectabilis</i> reveals extensive evolutionary diversification of this transcription factor.. <i>Communications Biology</i> , 2021 , 4, 1404	6.7	0
2	An Activating Mutation (Ser525Pro) within the Transactivation Domain of REL in Two Patients with Human B-Cell Lymphomas Enhances REL In Vitro Transforming Activity.. <i>Blood</i> , 2005 , 106, 2617-2617	2.2	
1	Mutation of Non-Essential Cysteines Leads to Highly Soluble and Active Recombinant Full-Length NEMO. <i>FASEB Journal</i> , 2013 , 27, 1033.7	0.9	