

CITATION REPORT

List of articles citing

Missing pieces in the NF-kappaB puzzle

DOI: 10.1016/s0092-8674(02)00703-1
Cell, 2002, 109 Suppl, S81-96.

Source: <https://exaly.com/paper-pdf/34202666/citation-report.pdf>

Version: 2024-04-20

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
2293	Dual topology of functional Toll-like receptor 3 expression in human hepatocellular carcinoma: Differential signaling mechanisms of TLR3-induced NF- κ B activation and apoptosis. 1992 , 33, 929		11
2292	S9, a 19 S proteasome subunit interacting with ubiquitinated NF-kappaB2/p100. 2002 , 277, 40697-702		18
2291	Signal transduction. Decoding NF-kappaB signaling. 2002 , 298, 1189-90		53
2290	IKK beta and phosphatidylinositol 3-kinase/Akt participate in non-pathogenic Gram-negative enteric bacteria-induced RelA phosphorylation and NF-kappa B activation in both primary and intestinal epithelial cell lines. 2002 , 277, 38168-78		144
2289	Characterization of the Ikappa B-kinase NEMO binding domain. 2002 , 277, 45992-6000		127
2288	RNA interference directed against viral and cellular targets inhibits human immunodeficiency Virus Type 1 replication. 2002 , 76, 12963-73		183
2287	Reactive nitrogen species and cell signaling: implications for death or survival of lung epithelium. 2002 , 166, S9-S16		45
2286	Rocaglamide derivatives are potent inhibitors of NF-kappa B activation in T-cells. 2002 , 277, 44791-800		75
2285	IKKalpha, IKKbeta, and NEMO/IKKgamma are each required for the NF-kappa B-mediated inflammatory response program. 2002 , 277, 45129-40		178
2284	The NFkappaB luciferase mouse: a new tool for real time measurement of NFkappaB activation in the whole animal. 2002 , 51, 769-70		4
2283	Cross-talk between CD40 and CD40L: lessons from primary immune deficiencies. 2002 , 2, 489-94		26
2282	To differentiate or proliferate? The interaction between PI3K/PTEN and Cdx2. 2002 , 123, 1395-7		5
2281	TNF-R1 signaling: a beautiful pathway. 2002 , 296, 1634-5		1415
2280	Hijacking of host cell IKK signalosomes by the transforming parasite Theileria. 2002 , 298, 1033-6		112
2279	Serine phosphorylation of insulin receptor substrate 1 by inhibitor kappa B kinase complex. 2002 , 277, 48115-21		553
2278	NF-kappaB signaling. Many roads lead to madrid. <i>Cell</i> , 2002 , 111, 615-9	56.2	180
2277	Phosphatase inhibition leads to activation of IkappaB kinase in murine macrophages. 2002 , 297, 1264-9		11

2276	NF-kappaB activator Act1 associates with IL-1/Toll pathway adaptor molecule TRAF6. 2002 , 532, 241-6	35
2275	Apoptosis: biochemical aspects and clinical implications. 2002 , 326, 27-45	178
2274	BAFF/BLyS receptor 3 binds the B cell survival factor BAFF ligand through a discrete surface loop and promotes processing of NF-kappaB2. 2002 , 17, 515-24	409
2273	It's all Rel-ative: NF-kappaB and CD28 costimulation of T-cell activation. 2002 , 23, 413-20	162
2272	Characterization of the bovine IkappaB kinases (IKK)alpha and IKKbeta, the regulatory subunit NEMO and their substrate IkappaBalpha. 2002 , 299, 293-300	13
2271	Is NF-kappaB2/p100 a direct activator of programmed cell death?. 2002 , 2, 431-3	37
2270	Regulation of gene expression by oxygen: NF-kappaB and HIF-1, two extremes. 2002 , 33, 1231-42	166
2269	Endothelial injury: cause and effect of alloimmune inflammation. 2002 , 4, 152-9	21
2268	The human B-cell lymphoma cell line RC-K8 has multiple genetic alterations that dysregulate the Rel/NF-kappaB signal transduction pathway. 2002 , 21, 8759-68	47
2267	Up the down staircase. 2002 , 3, 802-3	
2266	Gatekeeper mechanisms for immature B cells. 2002 , 3, 898-9	6
2265	BAFF-induced NEMO-independent processing of NF-kappa B2 in maturing B cells. 2002 , 3, 958-65	598
2264	The many faces of tumor necrosis factor in stroke. 2002 , 8, 1363-8	322
2263	Gene expression profiling: methodological challenges, results, and prospects for addiction research. 2002 , 121, 241-56	41
2262	NF-kappaB and breast cancer. 2002 , 26, 282-309	57
2261	NF-kappaB in pancreatic cancer. 2003 , 33, 15-26	44
2260	NF-kappaB in mammary gland development and breast cancer. 2003 , 8, 215-23	116
2259	Alcohol potentiates hepatitis C virus replicon expression. 2003 , 38, 57-65	77

2258	Transcriptional activation of the NF-kappaB p65 subunit by mitogen- and stress-activated protein kinase-1 (MSK1). 2003 , 22, 1313-24	620
2257	Evidence that reactive oxygen species do not mediate NF-kappaB activation. 2003 , 22, 3356-66	332
2256	Essential role of RelA Ser311 phosphorylation by zetaPKC in NF-kappaB transcriptional activation. 2003 , 22, 3910-8	261
2255	Role of the TAB2-related protein TAB3 in IL-1 and TNF signaling. 2003 , 22, 6277-88	216
2254	Inhibition of CK2 activity by TGF-beta1 promotes IkappaB-alpha protein stabilization and apoptosis of immortalized hepatocytes. 2003 , 38, 1540-51	23
2253	Pathogenic interactions between alcohol and hepatitis C. 2003 , 5, 86-92	18
2252	NF-kappaB in epiretinal membranes after human diabetic retinopathy. 2003 , 46, 699-703	23
2251	A genomewide survey of developmentally relevant genes in <i>Ciona intestinalis</i> . III. Genes for Fox, ETS, nuclear receptors and NFkappaB. 2003 , 213, 235-44	117
2250	NF-kappaB in cancer: a marked target. 2003 , 13, 107-14	313
2249	Impaired NF-kappaB activation in T cells permits tolerance to primary heart allografts and to secondary donor skin grafts. 2003 , 3, 139-47	29
2248	Apoptosis: programmed cell death at a molecular level. 2003 , 32, 345-69	261
2247	Microarray analysis of tumor necrosis factor alpha induced gene expression in U373 human glioblastoma cells. 2003 , 4, 46	45
2246	Interleukin-1beta induces macrophage inflammatory protein-1beta expression in human hepatocytes. 2003 , 226, 45-53	28
2245	Cell death and growth arrest in response to photodynamic therapy with membrane-bound photosensitizers. 2003 , 66, 1651-9	98
2244	New asthma drugs acting on gene expression. 2003 , 7, 475-86	23
2243	Cytokine-stimulated inducible nitric oxide synthase expression in astroglia: role of Erk mitogen-activated protein kinase and NF-kappaB. 2003 , 41, 152-60	114
2242	Chromatin remodeling as a guide to transcriptional regulatory networks in mammals. 2003 , 88, 684-94	27
2241	Identification of a novel protein from glial cells based on its ability to interact with NF-kappaB subunits. 2003 , 90, 884-91	24

2240	TNFalpha suppresses link protein and type II collagen expression in chondrocytes: Role of MEK1/2 and NF-kappaB signaling pathways. 2003 , 197, 356-69	99
2239	A highly selective inhibitor of I kappa B kinase, BMS-345541, blocks both joint inflammation and destruction in collagen-induced arthritis in mice. 2003 , 48, 2652-9	199
2238	Distinctions between c-Rel and other NF-kappaB proteins in immunity and disease. 2003 , 25, 767-80	70
2237	TRAF6, a molecular bridge spanning adaptive immunity, innate immunity and osteoimmunology. 2003 , 25, 1096-105	236
2236	Pyrrrolidinedithiocarbamate inhibits NF-kappaB activation and IL-8 production in intestinal epithelial cells. 2003 , 85, 41-6	26
2235	Kinetic perspectives of T cell antigen receptor signaling. A two-tier model for T cell full activation. 2003 , 191, 196-210	38
2234	Transducing signals from antigen receptors to nuclear factor kappaB. 2003 , 193, 93-100	100
2233	Activation-induced cell death in T cells. 2003 , 193, 70-81	464
2232	Regulation of secondary lymphoid organ development by the nuclear factor-kappaB signal transduction pathway. 2003 , 195, 91-105	179
2231	Regulation of ascidian Rel by its alternative splice variant. 2003 , 270, 4459-68	5
2230	Tamo selectively modulates nuclear import in Drosophila. 2003 , 8, 299-310	16
2229	Suppression of NF-kappaB-dependent gene expression by a hexamethylene bisacetamide-inducible protein HEXIM1 in human vascular smooth muscle cells. 2003 , 8, 95-107	58
2228	TAK1-mediated induction of nitric oxide synthase gene expression in glial cells. 2003 , 87, 238-47	24
2227	Protection by pioglitazone in the MPTP model of Parkinson's disease correlates with I kappa B alpha induction and block of NF kappa B and iNOS activation. 2004 , 88, 494-501	299
2226	Expression and localization of peroxisome proliferator-activated receptors and nuclear factor kappaB in normal and lesional psoriatic skin. 2003 , 121, 1104-17	91
2225	NF-kappa B nuclear localization and its prognostic significance in prostate cancer. 2003 , 91, 417-20	106
2224	Oxidized ATP (oATP) attenuates proinflammatory signaling via P2 receptor-independent mechanisms. 2003 , 140, 507-19	97
2223	NF-kappaB blockade and oncogenic Ras trigger invasive human epidermal neoplasia. 2003 , 421, 639-43	486

2222	A nucleosomal function for IkappaB kinase-alpha in NF-kappaB-dependent gene expression. 2003 , 423, 659-63	473
2221	CYLD is a deubiquitinating enzyme that negatively regulates NF-kappaB activation by TNFR family members. 2003 , 424, 793-6	776
2220	Exacerbated inflammatory responses in transgenic mice expressing an inhibitor of apoptosis protein (OpiAP). 2003 , 10, 1226-33	2
2219	NF-kappaB activation by protein kinase C isoforms and B-cell function. 2003 , 4, 31-6	103
2218	Lymphotoxin and lipopolysaccharide induce NF-kappaB-p52 generation by a co-translational mechanism. 2003 , 4, 82-7	110
2217	Transcription factors activated in mammalian cells after clinically relevant doses of ionizing radiation. 2003 , 22, 5813-27	205
2216	Tyrosine kinase oncoprotein, RET/PTC3, induces the secretion of myeloid growth and chemotactic factors. 2003 , 22, 4569-77	60
2215	Differential involvement of the hMRE11/hRAD50/NBS1 complex, BRCA1 and MLH1 in NF-kappaB activation by camptothecin and X-ray. 2003 , 22, 6090-9	25
2214	Cyclin E and Bcl-xL cooperatively induce cell cycle progression in c-Rel-/- B cells. 2003 , 22, 8472-86	47
2213	Induction of Notch signaling by tumor necrosis factor in rheumatoid synovial fibroblasts. 2003 , 22, 7796-803	99
2212	Epstein-Barr virus-encoded latent infection membrane protein 1 regulates the processing of p100 NF-kappaB2 to p52 via an IKKgamma/NEMO-independent signalling pathway. 2003 , 22, 7557-69	95
2211	Cancer: More than skin deep. 2003 , 421, 594-5	8
2210	IKKepsilon and TBK1 are essential components of the IRF3 signaling pathway. 2003 , 4, 491-6	1987
2209	Contribution of BCAP to maintenance of mature B cells through c-Rel. 2003 , 4, 780-6	52
2208	The two faces of IKK and NF-kappaB inhibition: prevention of systemic inflammation but increased local injury following intestinal ischemia-reperfusion. 2003 , 9, 575-81	446
2207	Lymphotoxin/light, lymphoid microenvironments and autoimmune disease. 2003 , 3, 642-55	239
2206	Chromatin as a tool for the study of genome function in cancer. 2003 , 983, 5-21	21
2205	4-Hydroxy-3-methoxybenzoic acid methyl ester: a curcumin derivative targets Akt/NF kappa B cell survival signaling pathway: potential for prostate cancer management. 2003 , 5, 255-66	63

2204	BAFF AND APRIL: a tutorial on B cell survival. 2003 , 21, 231-64	760
2203	A paradigm for gene regulation: inflammation, NF-kappaB and PPAR. 2003 , 544, 181-96	173
2202	At the crossroads of SUMO and NF-kappaB. 2003 , 2, 39	15
2201	Therapy for chronic obstructive pulmonary disease in the 21st century. 2003 , 63, 1973-98	59
2200	Toll-like receptors in health and disease: complex questions remain. 2003 , 171, 1630-5	182
2199	The Ubiquitin-Proteasome System. 2003 , 347-350	
2198	Antioxidants in myocardial ischemia-reperfusion injury: therapeutic potential and basic mechanisms. 2003 , 420, 222-36	146
2197	Morphine enhances hepatitis C virus (HCV) replicon expression. 2003 , 163, 1167-75	64
2196	GSK-3: tricks of the trade for a multi-tasking kinase. 2003 , 116, 1175-86	1675
2195	Identification of a novel serine/threonine kinase that inhibits TNF-induced NF-kappaB activation and p53-induced transcription. 2003 , 309, 774-8	33
2194	Signal transduction: A regulator branches out. 2003 , 423, 596-7	23
2193	TAK1 is critical for IkappaB kinase-mediated activation of the NF-kappaB pathway. 2003 , 326, 105-15	320
2192	Specific covalent binding of a NF-kappaB decoy hairpin oligonucleotide targeted to the p50 subunit and induction of apoptosis. 2003 , 547, 115-8	11
2191	Sequential modification of NEMO/IKKgamma by SUMO-1 and ubiquitin mediates NF-kappaB activation by genotoxic stress. <i>Cell</i> , 2003 , 115, 565-76	56.2 456
2190	Okadaic acid induces sustained activation of NFkappaB and degradation of the nuclear IkappaBalpha in human neutrophils. 2003 , 417, 44-52	41
2189	Phosphorylation of serine 276 is essential for p65 NF-kappaB subunit-dependent cellular responses. 2003 , 300, 807-12	136
2188	Essential roles for NF-kappa B and a Toll/IL-1 receptor domain-specific signal(s) in the induction of I kappa B-zeta. 2003 , 301, 495-501	48
2187	NF-kappa B p65 transactivation domain is involved in the NF-kappa B-inducing kinase pathway. 2003 , 301, 583-90	51

2186	Mutations in protein kinase subdomain X differentially affect MEKK2 and MEKK1 activity. 2003 , 303, 532-40	7
2185	Calpain is involved in the HIV replication from the latently infected OM10.1 cells. 2003 , 303, 940-6	18
2184	Identification and characterization of p100HB, a new mutant form of p100/NF-kappa B2. 2003 , 308, 744-9	11
2183	Role of the adaptor protein CIKS in the activation of the IKK complex. 2003 , 309, 84-90	21
2182	MK-801 and 7-Ni attenuate the activation of brain NF-kappa B induced by LPS. 2003 , 45, 1120-9	62
2181	NF-kappaB and TNF-alpha stimulate androgen receptor expression in Sertoli cells. 2003 , 201, 1-12	76
2180	Effects of selected food factors with chemopreventive properties on combined lipopolysaccharide- and interferon-gamma-induced IkappaB degradation in RAW264.7 macrophages. 2003 , 195, 17-25	104
2179	The role of Rel/NF-kappaB transcription factors in B lymphocyte survival. 2003 , 15, 159-66	53
2178	TRAF6 is a critical factor for dendritic cell maturation and development. 2003 , 19, 353-63	224
2177	IKKbeta is required for prevention of apoptosis mediated by cell-bound but not by circulating TNFalpha. 2003 , 19, 725-37	279
2176	Mechanisms of proinflammatory cytokine-induced biphasic NF-kappaB activation. 2003 , 12, 1287-300	139
2175	Non-apoptotic Fas signaling. 2003 , 14, 53-66	163
2174	Ectodysplasin signaling in development. 2003 , 14, 211-24	155
2173	The TNF family members BAFF and APRIL: the growing complexity. 2003 , 14, 311-24	137
2172	The role of lymphotoxin in development and maintenance of secondary lymphoid tissues. 2003 , 14, 275-88	50
2171	Immunomodulatory effects of quinolones. 2003 , 3, 359-71	221
2170	Novel targets and therapeutic strategies for type 2 diabetes. 2003 , 14, 169-75	51
2169	TCR-mediated Notch signaling regulates proliferation and IFN-gamma production in peripheral T cells. 2003 , 171, 3019-24	200

2168	Measuring drug action in the cellular context using protein-fragment complementation assays. 2003 , 1, 811-22	43
2167	RelB forms transcriptionally inactive complexes with RelA/p65. 2003 , 278, 19852-60	118
2166	Interleukin-10 and inhibition of innate immunity to Yersiniae: roles of Yops and LcrV (V antigen). 2003 , 71, 3673-81	180
2165	Inhibition of nuclear factor kappaB by phenolic antioxidants: interplay between antioxidant signaling and inflammatory cytokine expression. 2003 , 64, 211-9	93
2164	Potential of tumor necrosis factor-induced NF-kappa B activation by deacetylase inhibitors is associated with a delayed cytoplasmic reappearance of I kappa B alpha. 2003 , 23, 6200-9	85
2163	Regulation of c-myc gene by nitric oxide via inactivating NF-kappa B complex in P19 mouse embryonal carcinoma cells. 2003 , 278, 29776-82	29
2162	Comparative analysis of apoptosis and inflammation genes of mice and humans. 2003 , 13, 1376-88	88
2161	Signaling role of intracellular iron in NF-kappaB activation. 2003 , 278, 17646-54	130
2160	Inhibition of NF-kappaB by a TAT-NEMO-binding domain peptide accelerates constitutive apoptosis and abrogates LPS-delayed neutrophil apoptosis. 2003 , 102, 2259-67	100
2159	KappaB-Ras binds to the unique insert within the ankyrin repeat domain of IkappaBbeta and regulates cytoplasmic retention of IkappaBbeta x NF-kappaB complexes. 2003 , 278, 23101-6	29
2158	Phosphorylation of the alpha subunit of eukaryotic initiation factor 2 is required for activation of NF-kappaB in response to diverse cellular stresses. 2003 , 23, 5651-63	345
2157	Tumor necrosis factor-regulated biphasic activation of NF-kappa B is required for cytokine-induced loss of skeletal muscle gene products. 2003 , 278, 2294-303	179
2156	BMS-345541 is a highly selective inhibitor of I kappa B kinase that binds at an allosteric site of the enzyme and blocks NF-kappa B-dependent transcription in mice. 2003 , 278, 1450-6	410
2155	Immunology. The paracaspase connection. 2003 , 302, 1515-6	5
2154	STAT-1 alpha and IFN-gamma as modulators of TNF-alpha signaling in macrophages: regulation and functional implications of the TNF receptor 1:STAT-1 alpha complex. 2003 , 171, 5313-9	62
2153	Mitochondria to nucleus stress signaling: a distinctive mechanism of NFkappaB/Rel activation through calcineurin-mediated inactivation of IkappaBbeta. 2003 , 161, 507-19	153
2152	Identification of NAP1, a regulatory subunit of IkappaB kinase-related kinases that potentiates NF-kappaB signaling. 2003 , 23, 7780-93	145
2151	NF-kappaB mediates inhibition of mesenchymal cell differentiation through a posttranscriptional gene silencing mechanism. 2003 , 17, 2368-73	97

2150	X-ray crystal structure of an IkappaBbeta x NF-kappaB p65 homodimer complex. 2003 , 278, 23094-100	91
2149	IKK beta is required for peripheral B cell survival and proliferation. 2003 , 170, 4630-7	149
2148	IL-1 receptor-associated kinase 4 is essential for IL-18-mediated NK and Th1 cell responses. 2003 , 170, 4031-5	47
2147	Hydrogen peroxide activates NF-kappa B through tyrosine phosphorylation of I kappa B alpha and serine phosphorylation of p65: evidence for the involvement of I kappa B alpha kinase and Syk protein-tyrosine kinase. 2003 , 278, 24233-41	373
2146	Glycogen synthase kinase 3beta-mediated apoptosis of primary cortical astrocytes involves inhibition of nuclear factor kappaB signaling. 2003 , 23, 4649-62	123
2145	IkappaB kinase-independent IkappaBalpha degradation pathway: functional NF-kappaB activity and implications for cancer therapy. 2003 , 23, 8070-83	147
2144	A central role for the nuclear factor-kappaB pathway in anti-inflammatory and proinflammatory actions of mechanical strain. 2003 , 17, 899-901	57
2143	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. 2003 , 64, 123-31	49
2142	Roles for homotypic interactions and transautophosphorylation in IkappaB kinase beta IKKbeta) activation [corrected]. 2003 , 278, 38566-70	37
2141	Direct transcriptional regulation of RelB by 1alpha,25-dihydroxyvitamin D3 and its analogs: physiologic and therapeutic implications for dendritic cell function. 2003 , 278, 49378-85	98
2140	Increased malignancy of Neu-induced mammary tumors overexpressing active transforming growth factor beta1. 2003 , 23, 8691-703	180
2139	Activation of NF-kappaB by Toxoplasma gondii correlates with increased expression of antiapoptotic genes and localization of phosphorylated IkappaB to the parasitophorous vacuole membrane. 2003 , 116, 4359-71	131
2138	Ecsit-ement on the crossroads of Toll and BMP signal transduction. 2003 , 17, 2855-9	29
2137	Role of Toll-like receptors in pathogen recognition. 2003 , 16, 637-46	413
2136	Regulation of the NK-1 receptor gene expression in human macrophage cells via an NF-kappa B site on its promoter. 2003 , 100, 2957-62	74
2135	Temporal activation of NF-kappaB regulates an interferon-independent innate antiviral response against cytoplasmic RNA viruses. 2003 , 100, 10890-5	61
2134	Inhibition of tumor necrosis factor alpha-mediated NFkappaB activation and leukocyte adhesion, with enhanced endothelial apoptosis, by G protein-linked receptor (TP) ligands. 2003 , 278, 11858-66	31
2133	Caspase-mediated cleavage converts the tumor necrosis factor (TNF) receptor-associated factor (TRAF)-1 from a selective modulator of TNF receptor signaling to a general inhibitor of NF-kappaB activation. 2003 , 278, 29216-30	38

2132	Liver X receptor-dependent repression of matrix metalloproteinase-9 expression in macrophages. 2003 , 278, 10443-9	255
2131	Differential phosphorylation of the signal-responsive domain of I kappa B alpha and I kappa B beta by I kappa B kinases. 2003 , 278, 31980-7	39
2130	Reciprocal modulation of Toll-like receptor-4 signaling pathways involving MyD88 and phosphatidylinositol 3-kinase/AKT by saturated and polyunsaturated fatty acids. 2003 , 278, 37041-51	391
2129	NF-kappaB activation pathways induced by T cell costimulation. 2003 , 17, 2187-93	61
2128	IKKalpha regulates mitogenic signaling through transcriptional induction of cyclin D1 via Tcf. 2003 , 14, 585-99	133
2127	Tetrameric oligomerization of IkappaB kinase gamma (IKKgamma) is obligatory for IKK complex activity and NF-kappaB activation. 2003 , 23, 2029-41	114
2126	IKK beta plays an essential role in the phosphorylation of RelA/p65 on serine 536 induced by lipopolysaccharide. 2003 , 170, 5630-5	327
2125	Betulinic acid suppresses carcinogen-induced NF-kappa B activation through inhibition of I kappa B alpha kinase and p65 phosphorylation: abrogation of cyclooxygenase-2 and matrix metalloproteinase-9. 2003 , 171, 3278-86	195
2124	TATA-binding protein-like protein (TLP/TRF2/TLF) negatively regulates cell cycle progression and is required for the stress-mediated G(2) checkpoint. 2003 , 23, 4107-20	30
2123	Tumor necrosis factor-alpha-induced IKK phosphorylation of NF-kappaB p65 on serine 536 is mediated through the TRAF2, TRAF5, and TAK1 signaling pathway. 2003 , 278, 36916-23	279
2122	Regulation of c-Rel nuclear localization by binding of Ca2+/calmodulin. 2003 , 23, 1418-27	50
2121	The NF-kappa B activation in lymphotoxin beta receptor signaling depends on the phosphorylation of p65 at serine 536. 2003 , 278, 919-26	146
2120	Common interaction surfaces of the toll-like receptor 4 cytoplasmic domain stimulate multiple nuclear targets. 2003 , 23, 2543-55	50
2119	Inositol 1,3,4-trisphosphate 5/6-kinase inhibits tumor necrosis factor-induced apoptosis. 2003 , 278, 43645-53	18
2118	Constitutive nuclear factor-kappa B mRNA, protein overexpression and enhanced DNA-binding activity in thymidylate synthase inhibitor-resistant tumour cells. 2003 , 88, 624-9	33
2117	Essential requirement of apolipoprotein J (clusterin) signaling for IkappaB expression and regulation of NF-kappaB activity. 2003 , 278, 38214-9	104
2116	Raloxifene inhibits estrogen-induced up-regulation of telomerase activity in a human breast cancer cell line. 2003 , 278, 43363-72	51
2115	RING finger protein AO7 supports NF-kappaB-mediated transcription by interacting with the transactivation domain of the p65 subunit. 2003 , 278, 26879-87	30

2114	Promyelocytic leukemia protein sensitizes tumor necrosis factor alpha-induced apoptosis by inhibiting the NF-kappaB survival pathway. 2003 , 278, 12294-304	78
2113	p105.Ikappa Bgamma and prototypical Ikappa Bs use a similar mechanism to bind but a different mechanism to regulate the subcellular localization of NF-kappa B. 2003 , 278, 556-66	28
2112	Critical role of RelB serine 368 for dimerization and p100 stabilization. 2003 , 278, 39242-50	45
2111	Lymphotoxin beta receptor induces sequential activation of distinct NF-kappa B factors via separate signaling pathways. 2003 , 278, 12006-12	148
2110	Molecular genetic analysis of human herpes virus 8-encoded viral FLICE inhibitory protein-induced NF-kappaB activation. 2003 , 278, 52406-11	45
2109	Transcriptional coactivation of nuclear factor-kappaB-dependent gene expression by p300 is regulated by poly(ADP)-ribose polymerase-1. 2003 , 278, 45145-53	186
2108	Pneumocystis carinii cell wall beta-glucans initiate macrophage inflammatory responses through NF-kappaB activation. 2003 , 278, 25001-8	91
2107	Activation of NF-kappaB in cells productively infected with HSV-1 depends on activated protein kinase R and plays no apparent role in blocking apoptosis. 2003 , 100, 12408-13	67
2106	TWEAK induces NF-kappaB2 p100 processing and long lasting NF-kappaB activation. 2003 , 278, 36005-12	235
2105	Tauroursodeoxycholic acid reduces apoptosis and protects against neurological injury after acute hemorrhagic stroke in rats. 2003 , 100, 6087-92	150
2104	Innate immune response against nonsegmented negative strand RNA viruses. 2003 , 23, 401-12	33
2103	Ectopic LT alpha beta directs lymphoid organ neogenesis with concomitant expression of peripheral node addressin and a HEV-restricted sulfotransferase. 2003 , 197, 1153-63	198
2102	Cytoplasmic IkappaBalpha increases NF-kappaB-independent transcription through binding to histone deacetylase (HDAC) 1 and HDAC3. 2003 , 278, 46541-8	79
2101	Neutrophil gelatinase-associated lipocalin is up-regulated in human epithelial cells by IL-1 beta, but not by TNF-alpha. 2003 , 171, 6630-9	279
2100	Stimulation of Toll-like receptor 4 by lipopolysaccharide during cellular invasion by live Salmonella typhimurium is a critical but not exclusive event leading to macrophage responses. 2003 , 170, 5445-54	74
2099	RNA interference shows critical requirement for NF-kappa B p50 in the production of IL-12 by human dendritic cells. 2003 , 171, 1750-7	67
2098	Rapid transcriptional suppression of rat cytochrome P450 genes by endotoxin treatment and its inhibition by curcumin. 2003 , 307, 1205-12	52
2097	Tyrosine kinase p56lck regulates cell motility and nuclear factor kappaB-mediated secretion of urokinase type plasminogen activator through tyrosine phosphorylation of IkappaBalpha following hypoxia/reoxygenation. 2003 , 278, 52598-612	40

2096	Two carboxyl-terminal activation regions of Epstein-Barr virus latent membrane protein 1 activate NF-kappaB through distinct signaling pathways in fibroblast cell lines. 2003 , 278, 46565-75	60
2095	A20, a regulator of NFkappaB, maps to an atherosclerosis locus and differs between parental sensitive C57BL/6J and resistant FVB/N strains. 2003 , 100, 14235-40	48
2094	NF-kappa B is required for surface Ig-induced Fas resistance in B cells. 2003 , 170, 3118-24	21
2093	In vivo identification of inducible phosphoacceptors in the IKKgamm/NEMO subunit of human IkappaB kinase. 2003 , 278, 19642-8	28
2092	A selective IKK-2 inhibitor blocks NF-kappa B-dependent gene expression in interleukin-1 beta-stimulated synovial fibroblasts. 2003 , 278, 32861-71	233
2091	SINK is a p65-interacting negative regulator of NF-kappaB-dependent transcription. 2003 , 278, 27072-9	89
2090	Glycogen synthase kinase-3 beta regulates NF-kappa B1/p105 stability. 2003 , 278, 39583-90	122
2089	Subdomain VIII is a specificity-determining region in MEKK1. 2003 , 278, 48498-505	7
2088	Increased expression of RelA/nuclear factor-kappa B protein correlates with colorectal tumorigenesis. 2003 , 65, 37-45	83
2087	Mouse mammary tumor virus c-rel transgenic mice develop mammary tumors. 2003 , 23, 5738-54	101
2086	Pathological significance of renal expression of NF-kappa B. 2003 , 139, 90-101	4
2085	Oncoprotein suppression of tumor necrosis factor-induced NF kappa B activation is independent of Raf-controlled pathways. 2003 , 278, 34910-7	24
2084	Early alterations in neutrophil activation are associated with outcome in acute lung injury. 2003 , 167, 1567-74	108
2083	Anti-inflammatory compounds of plant origin. Part I. Action on arachidonic acid pathway, nitric oxide and nuclear factor kappa B (NF-kappaB). 2003 , 69, 973-83	220
2082	Stroke: molecular mechanisms and potential targets for treatment. 2003 , 3, 361-72	77
2081	NF-kappaB activating scaffold proteins as signaling molecules and putative therapeutic targets. 2003 , 10, 593-602	12
2080	T cell-intrinsic requirement for NF-kappa B induction in postdifferentiation IFN-gamma production and clonal expansion in a Th1 response. 2003 , 171, 1816-24	83
2079	Nuclear factor-kappa B as a predictor of treatment response in breast cancer. 2003 , 15, 405-11	25

2078	Nuclear factor-kappaB as a therapeutic target in critical care medicine. 2003 , 31, S105-11	152
2077	Delayed administration of alpha-melanocyte-stimulating hormone or combined therapy with BAY 11-7085 protects against gut ischemia-reperfusion injury. 2003 , 20, 469-75	14
2076	Signal Transduction Pathways in Development and Immunity: Rel Pathways. 2003 ,	1
2075	Gene expression profiling reveals a highly specialized genetic program of plasma cells. 2003 , 101, 4013-21	83
2074	The Fn14 cytoplasmic tail binds tumour-necrosis-factor-receptor-associated factors 1, 2, 3 and 5 and mediates nuclear factor-kappaB activation. 2003 , 371, 395-403	155
2073	Arsenic/interferon specifically reverses 2 distinct gene networks critical for the survival of HTLV-1-infected leukemic cells. 2003 , 101, 4576-82	89
2072	Glucocorticoids play a fundamental role in protecting the brain during innate immune response. 2003 , 23, 5536-44	160
2071	Effect of heme oxygenase-1 overexpression in two models of lung inflammation. 2003 , 228, 442-6	54
2070	Dexamethasone prevents interleukin-1beta-induced nuclear factor-kappaB activation by upregulating IkappaB-alpha synthesis, in lymphoblastic cells. 2003 , 12, 37-46	22
2069	Finding NEMO: genetic disorders of NF-[kappa]B activation. 2003 , 112, 983-5	43
2068	Effects of NF-kappa B inhibition on mesenteric ischemia-reperfusion injury. 2003 , 284, G713-21	43
2067	Expression of nuclear factor-kappa B and target genes in gastric precancerous lesions and adenocarcinoma: association with Helicobacter pylori cagA (+) infection. 2004 , 10, 491-6	37
2066	Transcription of Immunoglobulin Genes. 2004 , 83-100	2
2065	Differential activation of NF kappa B/RelA-p50 and NF kappa B/p50-p50 in control and alcohol-drinking rats subjected to carrageenin-induced pleurisy. 2004 , 13, 255-62	9
2064	Lung inflammation as a therapeutic target in cystic fibrosis. 2004 , 31, 377-81	86
2063	Integrins and cytokines activate nuclear transcription factor-kappaB in human neutrophils. 2004 , 279, 2657-65	55
2062	Assembly of post-receptor signaling complexes for the tumor necrosis factor receptor superfamily. 2004 , 68, 225-79	35
2061	CARDINAL roles in apoptosis and NFkappaB activation. 2004 , 67, 133-47	8

2060	Degradation of Bcl10 induced by T-cell activation negatively regulates NF-kappa B signaling. 2004 , 24, 3860-73	122
2059	Phosphoinositide 3-OH kinase inhibition prevents ventilation-induced lung cell activation. 2004 , 169, 201-8	75
2058	The NF-kappaB pathway as a potential target for autoimmune disease therapy. 2004 , 10, 2827-37	63
2057	Estrogen receptor (ER)-mediated transcriptional regulation of the human corticotropin-releasing hormone-binding protein promoter: differential effects of ERalpha and ERbeta. 2004 , 18, 2908-23	39
2056	Andrographolide attenuates inflammation by inhibition of NF-kappa B activation through covalent modification of reduced cysteine 62 of p50. 2004 , 173, 4207-17	305
2055	Linking JNK signaling to NF-kappaB: a key to survival. 2004 , 117, 5197-208	238
2054	Toll-like receptor 9 signaling activates NF-kappaB through IFN regulatory factor-8/IFN consensus sequence binding protein in dendritic cells. 2004 , 172, 6820-7	128
2053	Piceatannol prevents lipopolysaccharide (LPS)-induced nitric oxide (NO) production and nuclear factor (NF)-kappaB activation by inhibiting IkappaB kinase (IKK). 2004 , 48, 729-36	43
2052	Tax deregulation of NF-kappaB2 p100 processing involves both beta-TrCP-dependent and -independent mechanisms. 2004 , 279, 44563-72	40
2051	The vaccinia virus K1L gene product inhibits host NF-kappaB activation by preventing IkappaBalpha degradation. 2004 , 78, 3553-60	150
2050	The transcription factors c-rel and RelA control epidermal development and homeostasis in embryonic and adult skin via distinct mechanisms. 2004 , 24, 5733-45	67
2049	Expression of nuclear factor-kappa B and I kappa B alpha proteins in prostatic adenocarcinomas: correlation of nuclear factor-kappa B immunoreactivity with disease recurrence. 2004 , 10, 2466-72	113
2048	Visualization of Myc/Max/Mad family dimers and the competition for dimerization in living cells. 2004 , 24, 4294-308	120
2047	cFLIPL inhibits tumor necrosis factor-related apoptosis-inducing ligand-mediated NF-kappaB activation at the death-inducing signaling complex in human keratinocytes. 2004 , 279, 52824-34	41
2046	Hypoxia-induced activation of the retinoic acid receptor-related orphan receptor alpha4 gene by an interaction between hypoxia-inducible factor-1 and Sp1. 2004 , 279, 15025-31	50
2045	Cyclooxygenase (COX)-2 inhibitor celecoxib abrogates activation of cigarette smoke-induced nuclear factor (NF)-kappaB by suppressing activation of IkappaBalpha kinase in human non-small cell lung carcinoma: correlation with suppression of cyclin D1, COX-2, and matrix metalloproteinase-9. 2004 , 64, 5004-12	107
2044	Activation of NF-kappaB and inhibition of p53-mediated apoptosis by API2/mucosa-associated lymphoid tissue 1 fusions promote oncogenesis. 2004 , 101, 9079-84	54
2043	Identification of a ZU5 and death domain-containing inhibitor of NF-kappaB. 2004 , 279, 17819-25	16

2042	Detection of IKKbeta-IKKgamma subcomplexes in monocytic cells and characterization of associated signaling. 2004 , 279, 37452-60	9
2041	Activation of signaling lymphocytic activation molecule triggers a signaling cascade that enhances Th1 responses in human intracellular infection. 2004 , 173, 4120-9	17
2040	Recruitment of IkappaBalpha to the hes1 promoter is associated with transcriptional repression. 2004 , 101, 16537-42	114
2039	I kappa B kinase complex alpha kinase activity controls chemokine and high endothelial venule gene expression in lymph nodes and nasal-associated lymphoid tissue. 2004 , 173, 6161-8	64
2038	Enhanced chemosensitivity to irinotecan by RNA interference-mediated down-regulation of the nuclear factor-kappaB p65 subunit. 2004 , 10, 3333-41	85
2037	Constitutive and interleukin-1-inducible phosphorylation of p65 NF-kappaB at serine 536 is mediated by multiple protein kinases including I{kappa}B kinase (IKK)-{alpha}, IKK{beta}, IKK{epsilon}, TRAF family member-associated (TANK)-binding kinase 1 (TBK1), and an unknown kinase. 2004 , 279, 55493-8	294
2036	Targeted disruption of MAIL, a nuclear IkappaB protein, leads to severe atopic dermatitis-like disease. 2004 , 279, 55493-8	40
2035	Neutrality of the canonical NF-kappaB-dependent pathway for human and murine cytomegalovirus transcription and replication in vitro. 2004 , 78, 741-50	66
2034	Bradykinin B1 receptor expression induced by tissue damage in the rat portal vein: a critical role for mitogen-activated protein kinase and nuclear factor-kappaB signaling pathways. 2004 , 94, 1375-82	45
2033	Flavopiridol inhibits NF-kappaB activation induced by various carcinogens and inflammatory agents through inhibition of IkappaBalpha kinase and p65 phosphorylation: abrogation of cyclin D1, cyclooxygenase-2, and matrix metalloprotease-9. 2004 , 279, 4750-9	132
2032	TNAP, a novel repressor of NF-kappaB-inducing kinase, suppresses NF-kappaB activation. 2004 , 279, 35975-83	23
2031	Suppression of PTEN expression by NF-kappa B prevents apoptosis. 2004 , 24, 1007-21	207
2030	Activation of discoidin domain receptor 1 isoform b with collagen up-regulates chemokine production in human macrophages: role of p38 mitogen-activated protein kinase and NF-kappa B. 2004 , 172, 2332-40	84
2029	Protein farnesyltransferase inhibitor (SCH 66336) abolishes NF-kappaB activation induced by various carcinogens and inflammatory stimuli leading to suppression of NF-kappaB-regulated gene expression and up-regulation of apoptosis. 2004 , 279, 26287-99	96
2028	Regulation of the NF-kappaB-inducing kinase by tumor necrosis factor receptor-associated factor 3-induced degradation. 2004 , 279, 26243-50	366
2027	The domains of apoptosis: a genomics perspective. 2004 , 2004, re9	140
2026	Herbimycin A abrogates nuclear factor-kappaB activation by interacting preferentially with the IkappaB kinase beta subunit. 2004 , 65, 1344-51	21
2025	Characterization of NF-kappa B/I kappa B proteins in zebra fish and their involvement in notochord development. 2004 , 24, 5257-68	101

2024	Circumvention of nuclear factor kappaB-induced chemoresistance by cytoplasmic-targeted anthracyclines. 2004 , 65, 1038-47	19
2023	Phosphorylation of serine 468 by GSK-3beta negatively regulates basal p65 NF-kappaB activity. 2004 , 279, 49571-4	197
2022	Dissecting MHC class II export, B cell maturation, and DM stability defects in invariant chain mutant mice. 2004 , 173, 3271-80	15
2021	Chemoresistance: impact of nuclear factor (NF)-kappaB inhibition by small interfering RNA. Commentary re J. Guo et al., Enhanced chemosensitivity to irinotecan by RNA interference-mediated down-regulation of the NF-kappaB p65 subunit. Clin Cancer Res 2004 ;10:3333-3341. 2004 , 10, 3262-4	24
2020	Mitogen activated protein kinases as targets for development of novel anti-inflammatory drugs. 2004 , 63 Suppl 2, ii62-ii64	38
2019	Regulation of constitutive p50/c-Rel activity via proteasome inhibitor-resistant IkappaBalpha degradation in B cells. 2004 , 24, 4895-908	31
2018	Identification of an autoregulatory feedback pathway involving interleukin-1alpha in induction of constitutive NF-kappaB activation in pancreatic cancer cells. 2004 , 279, 16452-62	83
2017	Evaluation of nuclear factor-kappaB, urokinase-type plasminogen activator, and HBx and their clinicopathological significance in hepatocellular carcinoma. 2004 , 10, 4140-9	75
2016	IkappaB kinase is an essential component of the Tpl2 signaling pathway. 2004 , 24, 6040-8	113
2015	Regulation of alpha-fetoprotein by nuclear factor-kappaB protects hepatocytes from tumor necrosis factor-alpha cytotoxicity during fetal liver development and hepatic oncogenesis. 2004 , 64, 7030-8	33
2014	Activation of the IkappaB kinase complex and nuclear factor-kappaB contributes to mutant huntingtin neurotoxicity. 2004 , 24, 7999-8008	168
2013	The IkappaB kinase complex and NF-kappaB act as master regulators of lipopolysaccharide-induced gene expression and control subordinate activation of AP-1. 2004 , 24, 6488-500	119
2012	Interleukin-10 inhibits interleukin-12 p40 gene transcription by targeting a late event in the activation pathway. 2004 , 24, 2385-96	86
2011	Inhibition of NF-kappaB activity by IkappaBbeta in association with kappaB-Ras. 2004 , 24, 3048-56	43
2010	RIP links TLR4 to Akt and is essential for cell survival in response to LPS stimulation. 2004 , 200, 399-404	65
2009	p38 MAPK-induced nuclear factor-kappaB activity is required for skeletal muscle differentiation: role of interleukin-6. 2004 , 15, 2013-26	189
2008	Expanded nuclear roles for IkappaBs. 2004 , 2004, pe48	26
2007	Transcriptional activation of the human prostatic acid phosphatase gene by NF-kappaB via a novel hexanucleotide-binding site. 2004 , 32, 3566-80	13

2006	Protein phosphatase 2Cbeta association with the IkappaB kinase complex is involved in regulating NF-kappaB activity. 2004 , 279, 1739-46	74
2005	NF-kappaB activation by the chemopreventive dithiolethione oltipraz is exerted through stimulation of MEKK3 signaling. 2004 , 279, 26019-27	22
2004	PIAS3 suppresses NF-kappaB-mediated transcription by interacting with the p65/RelA subunit. 2004 , 279, 24873-80	82
2003	p53 induces NF-kappaB activation by an IkappaB kinase-independent mechanism involving phosphorylation of p65 by ribosomal S6 kinase 1. 2004 , 279, 26115-25	202
2002	CD28 costimulation controls histone hyperacetylation of the interleukin 5 gene locus in developing th2 cells. 2004 , 279, 23123-33	36
2001	Genetic deletion of glycogen synthase kinase-3beta abrogates activation of IkappaBalpha kinase, JNK, Akt, and p44/p42 MAPK but potentiates apoptosis induced by tumor necrosis factor. 2004 , 279, 39541-54	158
2000	IkappaB kinase alpha and p65/RelA contribute to optimal epidermal growth factor-induced c-fos gene expression independent of IkappaBalpha degradation. 2004 , 279, 31183-9	61
1999	Oxidative stress and hypoxia: implications for plasminogen activator inhibitor-1 expression. 2004 , 6, 777-91	39
1998	Human cytomegalovirus stimulates cellular IKK2 activity and requires the enzyme for productive replication. 2004 , 78, 3190-5	36
1997	Wnt-1 signal induces phosphorylation and degradation of c-Myb protein via TAK1, HIPK2, and NLK. 2004 , 18, 816-29	140
1996	Human T-cell lymphotropic virus type 1 tax induction of biologically Active NF-kappaB requires IkappaB kinase-1-mediated phosphorylation of RelA/p65. 2004 , 279, 18137-45	89
1995	Cutting edge: NF-kappa B2 is a negative regulator of dendritic cell function. 2004 , 172, 752-6	48
1994	RhoA/Rho-associated kinase pathway selectively regulates thrombin-induced intercellular adhesion molecule-1 expression in endothelial cells via activation of Ikappa B kinase beta and phosphorylation of RelA/p65. 2004 , 173, 6965-72	121
1993	The 15-deoxy-delta12,14-prostaglandin J2 inhibits the inflammatory response in primary rat astrocytes via down-regulating multiple steps in phosphatidylinositol 3-kinase-Akt-NF-kappaB-p300 pathway independent of peroxisome proliferator-activated receptor gamma. 2004 , 173, 5196-208	123
1992	Nuclear factor-kappaB nuclear localization is predictive of biochemical recurrence in patients with positive margin prostate cancer. 2004 , 10, 8460-4	119
1991	Pathways Sufficient to Induce Epidermal Carcinogenesis. 2004 , 3, 619-622	22
1990	Novel signaling molecules implicated in tumor-associated fatty acid synthase-dependent breast cancer cell proliferation and survival: Role of exogenous dietary fatty acids, p53-p21WAF1/CIP1, ERK1/2 MAPK, p27KIP1, BRCA1, and NF-B. 2004 , 24, 591	14
1989	Pictures, progress, and perplexities: the immediate cell biological effects of ionizing radiation. 2004 , 3, 602-7	3

1988	Ubiquitin-dependent activation of NF-kappaB: K63-linked ubiquitin chains: a link to cancer?. 2004 , 3, 286-8	11
1987	Glucocorticoids and tumor necrosis factor alpha cooperatively regulate toll-like receptor 2 gene expression. 2004 , 24, 4743-56	131
1986	A novel ubiquitin-like domain in IkappaB kinase beta is required for functional activity of the kinase. 2004 , 279, 45528-39	44
1985	The molecular adapter Carma1 controls entry of IkappaB kinase into the central immune synapse. 2004 , 200, 1167-77	77
1984	Interleukin-1beta induces a reactive astroglial phenotype via deactivation of the Rho GTPase-Rock axis. 2004 , 24, 2837-45	134
1983	Differential dependence of CD4+CD25+ regulatory and natural killer-like T cells on signals leading to NF-kappaB activation. 2004 , 101, 4566-71	202
1982	Casein kinase II-mediated phosphorylation of NF-kappaB p65 subunit enhances inducible nitric-oxide synthase gene transcription in vivo. 2004 , 279, 23953-60	40
1981	AIP1/DAB2IP, a novel member of the Ras-GAP family, transduces TRAF2-induced ASK1-JNK activation. 2004 , 279, 44955-65	97
1980	Identification of a human NF-kappaB-activating protein, TAB3. 2004 , 101, 2028-33	67
1979	Streptococcus pneumoniae-induced p38 MAPK-dependent phosphorylation of RelA at the interleukin-8 promotor. 2004 , 279, 53241-7	95
1978	Microtubule-associated serine/threonine kinase-205 kDa and Fc gamma receptor control IL-12 p40 synthesis and NF-kappa B activation. 2004 , 172, 2559-68	11
1977	Cellular FLIP long form-transgenic mice manifest a Th2 cytokine bias and enhanced allergic airway inflammation. 2004 , 172, 4724-32	34
1976	NF-kappa B-inducing kinase establishes self-tolerance in a thymic stroma-dependent manner. 2004 , 172, 2067-75	182
1975	p47phox deficiency impairs NF-kappa B activation and host defense in Pseudomonas pneumonia. 2004 , 172, 1801-8	97
1974	I kappa B kinase 2 deficiency in T cells leads to defects in priming, B cell help, germinal center reactions, and homeostatic expansion. 2004 , 173, 1612-9	32
1973	5-aminoimidazole-4-carboxamide-1-beta-4-ribofuranoside inhibits proinflammatory response in glial cells: a possible role of AMP-activated protein kinase. 2004 , 24, 479-87	234
1972	Fatty acid-induced insulin resistance in L6 myotubes is prevented by inhibition of activation and nuclear localization of nuclear factor kappa B. 2004 , 279, 41294-301	163
1971	N-terminal fragment of c-FLIP(L) processed by caspase 8 specifically interacts with TRAF2 and induces activation of the NF-kappaB signaling pathway. 2004 , 24, 2627-36	195

1970	The nuclear factor kappaB subunits RelA/p65 and c-Rel potentiate but are not required for Ras-induced cellular transformation. 2004 , 64, 7248-55	49
1969	Developmentally regulated IkappaB expression in intestinal epithelium and susceptibility to flagellin-induced inflammation. 2004 , 101, 7404-8	186
1968	S-nitrosylation: physiological regulation of NF-kappaB. 2004 , 101, 8841-2	135
1967	Proteasome inhibitor PS-341 induces apoptosis through induction of endoplasmic reticulum stress-reactive oxygen species in head and neck squamous cell carcinoma cells. 2004 , 24, 9695-704	606
1966	NF-kappaB RelA opposes epidermal proliferation driven by TNFR1 and JNK. 2004 , 18, 17-22	110
1965	Specific modulation of astrocyte inflammation by inhibition of mixed lineage kinases with CEP-1347. 2004 , 173, 2762-70	54
1964	ZNF216 is an A20-like and IkappaB kinase gamma-interacting inhibitor of NFkappaB activation. 2004 , 279, 16847-53	83
1963	Induction of p100 processing by NF-kappaB-inducing kinase involves docking IkappaB kinase alpha (IKKalpha) to p100 and IKKalpha-mediated phosphorylation. 2004 , 279, 30099-105	217
1962	Lymphoma B cells evade apoptosis through the TNF family members BAFF/BLyS and APRIL. 2004 , 172, 3268-79	247
1961	Active protein kinase B regulates TCR responsiveness by modulating cytoplasmic-nuclear localization of NFAT and NF-kappa B proteins. 2004 , 172, 4812-20	31
1960	NF-kappa B activation in human breast cancer specimens and its role in cell proliferation and apoptosis. 2004 , 101, 10137-42	367
1959	Role of cyclooxygenase-2 in cytokine-induced beta-cell dysfunction and damage by isolated rat and human islets. 2004 , 279, 53145-51	36
1958	Transient and selective NF-kappa B p65 serine 536 phosphorylation induced by T cell costimulation is mediated by I kappa B kinase beta and controls the kinetics of p65 nuclear import. 2004 , 172, 6336-44	186
1957	A 212-kb region on chromosome 6q25 containing the TAB2 gene is associated with susceptibility to type 1 diabetes. 2004 , 53, 1890-3	40
1956	Roles of TRP14, a thioredoxin-related protein in tumor necrosis factor-alpha signaling pathways. 2004 , 279, 3151-9	61
1955	Synergistic activation of NF-kappaB by nontypeable Haemophilus influenzae and tumor necrosis factor alpha. 2004 , 101, 3563-8	66
1954	Proteasome inhibitors induce inhibitory kappa B (I kappa B) kinase activation, I kappa B alpha degradation, and nuclear factor kappa B activation in HT-29 cells. 2004 , 65, 342-9	40
1953	Hypoxia induces macrophage inflammatory protein-2 (MIP-2) gene expression in murine macrophages via NF-kappaB: the prominent role of p42/ p44 and PI3 kinase pathways. 2004 , 18, 1090-2	70

1952	Elucidation of the c-Jun N-terminal kinase pathway mediated by Estein-Barr virus-encoded latent membrane protein 1. 2004 , 24, 192-9	65
1951	In silico simulation of inhibitor drug effects on nuclear factor-kappaB pathway dynamics. 2004 , 66, 70-5	46
1950	Automated Selection of Transcription Factor Binding Sites. 2004 , 9, 277-284	3
1949	Toll-like receptor (TLR)2 and TLR4 agonists regulate CCR expression in human monocytic cells. 2004 , 172, 4977-86	83
1948	Phosphorylation of vesicular stomatitis virus phosphoprotein P is indispensable for virus growth. 2004 , 78, 6420-30	43
1947	De novo synthesized RelB mediates TNF-induced up-regulation of the human polymeric Ig receptor. 2004 , 173, 1849-57	26
1946	KR-31378 ameliorates atherosclerosis by blocking monocyte recruitment in hypercholestrolemic mice. 2004 , 18, 714-6	16
1945	A stroma-derived defect in NF-kappaB2 ^{-/-} mice causes impaired lymph node development and lymphocyte recruitment. 2004 , 173, 2271-9	43
1944	Ikappab kinase-beta (ikkbeta) modulation of epithelial sodium channel activity. 2004 , 279, 41985-90	22
1943	Involvement of reactive oxygen species in Toll-like receptor 4-dependent activation of NF-kappa B. 2004 , 172, 2522-9	472
1942	Accumulation of inhibitory kappaB-alpha as a mechanism contributing to the anti-inflammatory effects of surfactant protein-A. 2004 , 31, 587-94	38
1941	Osteoclast differentiation is impaired in the absence of inhibitor of kappa B kinase alpha. 2004 , 279, 54841-8	75
1940	Ethanol differentially regulates NF-kappaB activation in pancreatic acinar cells through calcium and protein kinase C pathways. 2004 , 286, G204-13	63
1939	Heat shock treatment suppresses angiotensin II-induced activation of NF-kappaB pathway and heart inflammation: a role for IKK depletion by heat shock?. 2004 , 287, H1104-14	66
1938	TRAF family proteins link PKR with NF-kappa B activation. 2004 , 24, 4502-12	121
1937	Adipocyte differentiation induces dynamic changes in NF-kappaB expression and activity. 2004 , 287, E1178-88	119
1936	Adenovirus-mediated overexpression of inhibitor kappa B-alpha attenuates postinfarct remodeling in the rat heart. 2004 , 26, 960-7	21
1935	cAMP targeting of p38 MAP kinase inhibits thrombin-induced NF-kappaB activation and ICAM-1 expression in endothelial cells. 2004 , 287, L1017-24	47

1934	RNA helicase A interacts with nuclear factor kappaB p65 and functions as a transcriptional coactivator. 2004 , 271, 3741-51	68
1933	Mechanism of steroid action in renal epithelial cells. 2004 , 65, 1577-88	14
1932	Manipulation of mitogen-activated protein kinase/nuclear factor-kappaB-signaling cascades during intracellular <i>Toxoplasma gondii</i> infection. 2004 , 201, 191-205	71
1931	Keeping cartographers busy. 2004 , 6, 87-9	
1930	Modifying NEMO. 2004 , 6, 89-91	23
1929	A physical and functional map of the human TNF-alpha/NF-kappa B signal transduction pathway. 2004 , 6, 97-105	847
1928	Differential regulation of interleukin 1 receptor and Toll-like receptor signaling by MEKK3. 2004 , 5, 98-103	226
1927	Commensal anaerobic gut bacteria attenuate inflammation by regulating nuclear-cytoplasmic shuttling of PPAR-gamma and RelA. 2004 , 5, 104-12	818
1926	Selective inhibition of NF-kappa B blocks osteoclastogenesis and prevents inflammatory bone destruction in vivo. 2004 , 10, 617-24	423
1925	Mouse model of Noonan syndrome reveals cell type- and gene dosage-dependent effects of Ptpn11 mutation. 2004 , 10, 849-57	335
1924	The IKK NF-kappa B system: a treasure trove for drug development. 2004 , 3, 17-26	1125
1923	Shaping the nuclear action of NF-kappaB. 2004 , 5, 392-401	993
1922	Modulation of NF-kappaB-dependent transcription and cell survival by the SIRT1 deacetylase. 2004 , 23, 2369-80	2066
1921	Activation of IKKalpha target genes depends on recognition of specific kappaB binding sites by RelB:p52 dimers. 2004 , 23, 4202-10	276
1920	Crosstalk between PKCzeta and the IL4/Stat6 pathway during T-cell-mediated hepatitis. 2004 , 23, 4595-605	48
1919	Of mice and men. 2004 , 5, 668-73	22
1918	Inhibitor kappaB kinase is involved in the paracrine crosstalk between human fat and muscle cells. 2004 , 28, 985-92	37
1917	Role of curcumin and the inhibition of NF-kappaB in the onset of chemotherapy-induced mucosal barrier injury. 2004 , 18, 276-84	52

1916	The c-Rel transcription factor and B-cell proliferation: a deal with the devil. 2004 , 23, 2275-86	119
1915	Requirement of Hsp90 activity for I κ B kinase (IKK) biosynthesis and for constitutive and inducible IKK and NF- κ B activation. 2004 , 23, 5378-86	186
1914	Inhibition of nuclear factor κ B activity by viral interferon regulatory factor 3 of Kaposi's sarcoma-associated herpesvirus. 2004 , 23, 6146-55	52
1913	Nonsteroidal anti-inflammatory agents differ in their ability to suppress NF- κ B activation, inhibition of expression of cyclooxygenase-2 and cyclin D1, and abrogation of tumor cell proliferation. 2004 , 23, 9247-58	247
1912	Bcl10 activates the NF- κ B pathway through ubiquitination of NEMO. 2004 , 427, 167-71	452
1911	The candidate tumour suppressor protein ING4 regulates brain tumour growth and angiogenesis. 2004 , 428, 328-32	315
1910	Regulation of Toll/IL-1-receptor-mediated gene expression by the inducible nuclear protein I κ B ζ . 2004 , 430, 218-22	392
1909	Mechanism of NF- κ B inactivation induced by survival signal withdrawal in cerebellar granule neurons. 2004 , 20, 345-52	28
1908	Apoptosis- and cell cycle-associated gene expression profiling of histiocytic necrotising lymphadenitis. 2004 , 72, 322-9	12
1907	The CAP-Gly domain of CYLD associates with the proline-rich sequence in NEMO/I κ B γ . 2004 , 12, 1719-28	82
1906	NF- κ B: tumor promoter or suppressor?. 2004 , 14, 64-9	232
1905	I κ B kinases: key regulators of the NF- κ B pathway. 2004 , 29, 72-9	526
1904	Pinning down cell signaling, cancer and Alzheimer's disease. 2004 , 29, 200-9	201
1903	Imaging analysis of STAT1 and NF- κ B translocation in dendritic cells at the single cell level. 2004 , 294, 123-34	23
1902	Mechanisms of glucocorticoid receptor signaling during inflammation. 2004 , 125, 697-706	292
1901	Protein hijacking: key proteins held captive against their will. 2004 , 5, 107-8	9
1900	BZLF1, an Epstein-Barr virus immediate-early protein, induces p65 nuclear translocation while inhibiting p65 transcriptional function. 2004 , 328, 219-32	55
1899	Mechanisms underlying the manipulation of host apoptotic pathways by <i>Toxoplasma gondii</i> . 2004 , 34, 381-91	66

1898	Endotoxin reduces CD95-induced neutrophil apoptosis by cIAP-2-mediated caspase-3 degradation. 2004 , 199, 595-602	32
1897	Inflammatory diseases: is ubiquitinated NEMO at the hub?. 2004 , 14, R1040-2	29
1896	Tyrosine phosphorylation-dependent activation of NFkappaB is compromised in T cells from the elderly. 2004 , 39, 559-66	9
1895	Overexpression of heme oxygenase (HO)-1 renders Jurkat T cells resistant to fas-mediated apoptosis: involvement of iron released by HO-1. 2004 , 36, 858-71	59
1894	Endothelial cell integrins and COX-2: mediators and therapeutic targets of tumor angiogenesis. 2004 , 1654, 51-67	48
1893	Regulation at multiple levels of NF-kappaB-mediated transactivation by protein acetylation. 2004 , 68, 1221-9	193
1892	Inhibition of NF-kappaB in cancer cells converts inflammation- induced tumor growth mediated by TNFalpha to TRAIL-mediated tumor regression. 2004 , 6, 297-305	501
1891	The novel functions of ubiquitination in signaling. 2004 , 16, 119-26	359
1890	NF-kappaB inducible genes BCL-X and cyclin E promote immature B-cell proliferation and survival. 2004 , 232, 9-20	48
1889	Intracellular signalings underlying bradykinin-induced matrix metalloproteinase-9 expression in rat brain astrocyte-1. 2004 , 16, 1163-76	61
1888	A role of fas-associated death domain (FADD) in increased apoptosis in aged humans. 2004 , 24, 24-9	21
1887	Signaling to NF-kappaB. 2004 , 18, 2195-224	3083
1886	A beginner's guide to NF-kappaB signaling pathways. 2004 , 1030, 1-13	85
1885	Analysis of the signal transduction pathway leading to human immunodeficiency virus-1-induced interferon regulatory factor-1 upregulation. 2004 , 1030, 187-95	9
1884	Cellular pathology of Parkinson's disease: astrocytes, microglia and inflammation. 2004 , 318, 149-61	296
1883	Potential role of ursodeoxycholic acid in suppression of nuclear factor kappa B in microglial cell line (BV-2). 2004 , 27, 954-60	25
1882	Involvement of metabotropic glutamate receptor 1, a G protein coupled receptor, in melanoma development. 2004 , 82, 735-49	42
1881	Cloricromene in endotoxemia: role of NF-kappaB. 2004 , 370, 140-5	3

1880	Expression of NF-kappaB in prostate cancer lymph node metastases. 2004 , 58, 308-13	83
1879	To die or not to die: the function of the transcription factor NF-kappaB in embryos exposed to stress. 2004 , 51, 138-43	21
1878	Role of NF-kappaB transcription factors in antiinflammatory and proinflammatory actions of mechanical signals. 2004 , 50, 3541-8	132
1877	Low nuclear levels of nuclear factor-kappa B are essential for KC self-induction in astrocytes: requirements for shuttling and phosphorylation. 2004 , 48, 327-36	11
1876	Transcription factor NF-kappaB activation after in vivo perforant path LTP in mouse hippocampus. 2004 , 14, 677-83	78
1875	TRAF6-dependent NF-kB transcriptional activity during mouse development. 2004 , 231, 122-7	40
1874	Inhibition of growth and survival of human head and neck squamous cell carcinoma cells by curcumin via modulation of nuclear factor-kappaB signaling. 2004 , 111, 679-92	226
1873	NF-kappaB activation in human prostate cancer: important mediator or epiphenomenon?. 2004 , 91, 100-17	196
1872	Disruption of the actin cytoskeleton results in nuclear factor-kappaB activation and inflammatory mediator production in cultured human intestinal epithelial cells. 2004 , 200, 71-81	86
1871	Disruption of the actin cytoskeleton results in nuclear factor-B activation and inflammatory mediator production in cultured human intestinal epithelial cells. 2004 , 200, 167-168	2
1870	A non-peptide substance P antagonist (CP-96,345) inhibits morphine-induced NF-kappa B promoter activation in human NT2-N neurons. 2004 , 75, 544-53	19
1869	The thioredoxin system--from science to clinic. 2004 , 24, 40-89	381
1868	NF-kappaB: a multifaceted transcription factor regulated at several levels. 2004 , 5, 1348-58	195
1867	T-cell-receptor- and B-cell-receptor-mediated activation of NF-kappaB in lymphocytes. 2004 , 16, 374-81	99
1866	Suppression of steroidogenesis and activator protein-1 transcription factor activity in rat adrenals by vitamin E deficiency-induced chronic oxidative stress. 2004 , 15, 210-9	23
1865	Mathematical model of NF-kappaB regulatory module. 2004 , 228, 195-215	218
1864	The zinc finger mutation C417R of I-kappa B kinase gamma impairs lipopolysaccharide- and TNF-mediated NF-kappa B activation through inhibiting phosphorylation of the I-kappa B kinase beta activation loop. 2004 , 172, 2446-52	32
1863	Kinase targets and inhibitors for the treatment of airway inflammatory diseases: the next generation of drugs for severe asthma and COPD?. 2004 , 18, 167-80	14

1862	Modulation of bone marrow-derived neutrophil signaling by H ₂ O ₂ : disparate effects on kinases, NF-kappaB, and cytokine expression. 2004 , 286, C683-92	49
1861	Stabilization of p53 is a novel mechanism for proapoptotic function of NF-kappaB. 2004 , 279, 27549-59	107
1860	CpG DNA induces IgG class switch DNA recombination by activating human B cells through an innate pathway that requires TLR9 and cooperates with IL-10. 2004 , 173, 4479-91	245
1859	Cyclooxygenase (COX)-2 inhibitor celecoxib abrogates TNF-induced NF-kappa B activation through inhibition of activation of I kappa B alpha kinase and Akt in human non-small cell lung carcinoma: correlation with suppression of COX-2 synthesis. 2004 , 173, 2011-22	163
1858	Nuclear factor-kappaB activates transcription of the androgen receptor gene in Sertoli cells isolated from testes of adult rats. 2004 , 145, 781-9	43
1857	Tumor necrosis factor (TNF)-mediated neuroprotection against glutamate-induced excitotoxicity is enhanced by N-methyl-D-aspartate receptor activation. Essential role of a TNF receptor 2-mediated phosphatidylinositol 3-kinase-dependent NF-kappa B pathway. 2004 , 279, 32869-81	314
1856	Phosphatidylinositide 3-kinase gamma regulates key pathologic responses to cholecystokinin in pancreatic acinar cells. 2004 , 126, 554-66	67
1855	Probiotics inhibit nuclear factor-kappaB and induce heat shock proteins in colonic epithelial cells through proteasome inhibition. 2004 , 127, 1474-87	264
1854	The presentation and natural history of immunodeficiency caused by nuclear factor kappaB essential modulator mutation. 2004 , 113, 725-33	162
1853	Role of Tax protein in human T-cell leukemia virus type-I leukemogenicity. 2004 , 1, 20	120
1852	Involvement of toll-like receptors 2 and 4 in cellular activation by high mobility group box 1 protein. 2004 , 279, 7370-7	1223
1851	Negative regulation of FcepsilonRI-mediated mast cell activation by a ubiquitin-protein ligase Cbl-b. 2004 , 103, 1779-86	69
1850	Dual role of oxidized LDL on the NF-kappaB signaling pathway. 2004 , 38, 541-51	116
1849	CD40/CD154 interactions at the interface of tolerance and immunity. 2004 , 22, 307-28	549
1848	Ubiquitin ligases and the immune response. 2004 , 22, 81-127	237
1847	Glucocorticoids: protectors of the brain during innate immune responses. 2004 , 10, 538-52	62
1846	IKKbeta links inflammation and tumorigenesis in a mouse model of colitis-associated cancer. <i>Cell</i> , 2004 , 118, 285-96	56.2 2038
1845	Activation of the endothelium in cardiac allografts. 2004 , 23, S229-33	3

1844	NFAT and NF-kappaB factors-the distant relatives. 2004 , 36, 1166-70	63
1843	Adrenomedullin signals through NF-kappaB in epithelial cells. 2004 , 577, 249-54	14
1842	The ectodermal dysplasia receptor represses the Lef-1/beta-catenin-dependent transcription independent of NF-kappaB activation. 2004 , 315, 73-8	9
1841	Curcumin blocks NF-kappaB and the motogenic response in Helicobacter pylori-infected epithelial cells. 2004 , 316, 1065-72	88
1840	Protein disulfide isomerase suppresses the transcriptional activity of NF-kappaB. 2004 , 318, 46-52	49
1839	Activation of simian virus 40 promoter by HTLV-I Tax protein: role of NF-kappaB and CBP. 2004 , 318, 1052-6	11
1838	Cloning of bovine MAIL and its mRNA expression in white blood cells of Holstein cows. 2004 , 98, 175-84	3
1837	African swine fever virus proteins involved in evading host defence systems. 2004 , 100, 117-34	92
1836	Transcriptional regulation of genes for enzymes of the prostaglandin biosynthetic pathway. 2004 , 70, 115-35	24
1835	TRAF2 differentially regulates the canonical and noncanonical pathways of NF-kappaB activation in mature B cells. 2004 , 21, 629-42	189
1834	The two NF-kappaB activation pathways and their role in innate and adaptive immunity. 2004 , 25, 280-8	2540
1833	Signaling crosstalk between NF-kappaB and JNK. 2004 , 25, 402-5	58
1832	SMRT derepression by the IkappaB kinase alpha: a prerequisite to NF-kappaB transcription and survival. 2004 , 16, 245-55	193
1831	TIR domain-containing adaptors define the specificity of TLR signaling. 2004 , 40, 861-8	289
1830	Synchronized generation of reactive oxygen species with the cell cycle. 2004 , 75, 301-11	30
1829	Immune system paralysis by anthrax lethal toxin: the roles of innate and adaptive immunity. 2004 , 4, 166-70	48
1828	Endostatin's antiangiogenic signaling network. 2004 , 13, 649-63	337
1827	RelA life and death decisions. 2004 , 13, 763-4	12

1826	Identification of beta-arrestin2 as a G protein-coupled receptor-stimulated regulator of NF-kappaB pathways. 2004 , 14, 303-17	248
1825	Identification of a p65 peptide that selectively inhibits NF-kappa B activation induced by various inflammatory stimuli and its role in down-regulation of NF-kappaB-mediated gene expression and up-regulation of apoptosis. 2004 , 279, 15096-104	147
1824	Role of oxidative modifications in atherosclerosis. 2004 , 84, 1381-478	1918
1823	Wave2 activates serum response element via its VCA region and functions downstream of Rac. 2004 , 301, 331-7	4
1822	Unraveling the molecular details involved in the intimate link between the immune and neuroendocrine systems. 2004 , 229, 996-1006	81
1821	Mechanisms of glucocorticoid-induced apoptosis in hematologic malignancies: updates. 2004 , 16, 553-63	109
1820	Chemokines in cartilage degradation. 2004 , S53-61	65
1819	Phosphoinositide 3-kinase and Akt occupy central roles in inflammatory responses of Toll-like receptor 2-stimulated neutrophils. 2004 , 172, 5727-33	117
1818	A highly selective inhibitor of IkappaB kinase, BMS-345541, augments graft survival mediated by suboptimal immunosuppression in a murine model of cardiac graft rejection. 2004 , 77, 1090-4	18
1817	NF-B inducing kinase activates NF-B transcriptional activity independently of IB kinase β through a p38 MAPK-dependent RelA phosphorylation pathway. 2004 , 16, 1023-1032	59
1816	Transcriptional profiling of IKK2/NF-kappa B- and p38 MAP kinase-dependent gene expression in TNF-alpha-stimulated primary human endothelial cells. 2004 , 103, 3365-73	123
1815	HTLV-I Tax induces a novel interaction between p65/RelA and p53 that results in inhibition of p53 transcriptional activity. 2004 , 104, 1490-7	76
1814	Immunoregulation of dendritic cells by IL-10 is mediated through suppression of the PI3K/Akt pathway and of IkappaB kinase activity. 2004 , 104, 1100-9	126
1813	A mechanistic insight into a proteasome-independent constitutive inhibitor kappaBalpha (IkappaBalpha) degradation and nuclear factor kappaB (NF-kappaB) activation pathway in WEHI-231 B-cells. 2004 , 380, 173-80	26
1812	Tom1 (target of Myb 1) is a novel negative regulator of interleukin-1- and tumor necrosis factor-induced signaling pathways. 2004 , 27, 564-6	36
1811	NF-kB inhibitor blocks B cell development at two checkpoints. 2004 , 3, 1	45
1810	Signal Transduction Pathways in Development and Immunity: Rel Pathways. 2005 ,	
1809	Redox-sensitive transcription factors as prime targets for chemoprevention with anti-inflammatory and antioxidative phytochemicals. 2005 , 135, 2993S-3001S	265

1808	Glutamine modulates LPS-induced IL-8 production through IkappaB/NF-kappaB in human fetal and adult intestinal epithelium. 2005 , 135, 245-51	63
1807	Methods and Approaches to Study Metabolism and Toxicity of Acetaminophen. 2005 , 197-232	1
1806	Effect of serum and antioxidants on the immunogenicity of protein kinase C-activated chronic lymphocytic leukemia cells. 2005 , 28, 28-39	20
1805	Devious signals from NFB driving breast cancer progression. 2005 , 8,	
1804	Indole-3-carbinol suppresses NF-kappaB and IkappaBalpha kinase activation, causing inhibition of expression of NF-kappaB-regulated antiapoptotic and metastatic gene products and enhancement of apoptosis in myeloid and leukemia cells. 2005 , 106, 641-9	114
1803	Perturbation of actin dynamics induces NF-kappaB activation in myelomonocytic cells through an NADPH oxidase-dependent pathway. 2005 , 387, 531-40	64
1802	Live cell imaging to study signaling molecules in allergic reactions. 2005 , 28, 1551-9	8
1801	Chemokine IL-8 induction by particulate wear debris in osteoblasts is mediated by NF-kappaB. 2005 , 23, 1249-57	32
1800	Involvement of the small protein tyrosine phosphatases TC-PTP and PTP1B in signal transduction and diseases: from diabetes, obesity to cell cycle, and cancer. 2005 , 1754, 108-17	98
1799	Central memory and effector memory subsets of human CD4(+) and CD8(+) T cells display differential sensitivity to TNF- α -induced apoptosis. 2005 , 1050, 108-14	26
1798	Role of macrophage apoptosis in the pathogenesis of Yersinia. 2005 , 289, 151-73	32
1797	Toll-like receptors as key sensors of viral infection. 2006 , 143-171	1
1796	Sequestration of serum response factor in the hippocampus impairs long-term spatial memory. 2005 , 93, 269-78	36
1795	Activation of the IkappaB kinase complex is sufficient for neuronal differentiation of PC12 cells. 2005 , 93, 1487-501	24
1794	Inhibition of phosphoinositide 3 kinase-Akt (protein kinase B)-nuclear factor-kappa B pathway by lovastatin limits endothelial-monocyte cell interaction. 2005 , 94, 204-14	45
1793	Celastrol protects against MPTP- and 3-nitropropionic acid-induced neurotoxicity. 2005 , 94, 995-1004	168
1792	Detection of a novel parasite kinase activity at the Toxoplasma gondii parasitophorous vacuole membrane capable of phosphorylating host IkappaBalpha. 2005 , 7, 351-62	62
1791	Analysis of the functional NFKB1 promoter polymorphism in rheumatoid arthritis and systemic lupus erythematosus. 2005 , 65, 183-6	30

1790	Plasmacytoid dendritic cells and the regulation of immunoglobulin heavy chain class switching. 2005 , 83, 554-62	45
1789	The intriguing biology of the tumour necrosis factor/tumour necrosis factor receptor superfamily: players, rules and the games. 2005 , 115, 1-20	625
1788	Autocrine secretion of osteopontin results in degradation of I kappa B in Bcr-Abl-expressing cells. 2005 , 128, 711-21	17
1787	Nuclear localisation of nuclear factor-kappaB transcription factors in prostate cancer: an immunohistochemical study. 2005 , 93, 1019-23	119
1786	Validation of IKK beta as therapeutic target in airway inflammatory disease by adenoviral-mediated delivery of dominant-negative IKK beta to pulmonary epithelial cells. 2005 , 145, 114-22	38
1785	A selective novel low-molecular-weight inhibitor of IkappaB kinase-beta (IKK-beta) prevents pulmonary inflammation and shows broad anti-inflammatory activity. 2005 , 145, 178-92	119
1784	NF-kappaB plays a major role during the systemic and local acute inflammatory response following intestinal reperfusion injury. 2005 , 145, 246-54	54
1783	The inhibitory effect of alendronate, a nitrogen-containing bisphosphonate on the PI3K-Akt-NFkappaB pathway in osteosarcoma cells. 2005 , 146, 633-41	41
1782	Linking stress to immunity?. 2005 , 6, 541-2	19
1781	Essential function for the kinase TAK1 in innate and adaptive immune responses. 2005 , 6, 1087-95	734
1780	IKK-beta links inflammation to obesity-induced insulin resistance. 2005 , 11, 191-8	1422
1779	Real-time imaging of ligand-induced IKK activation in intact cells and in living mice. 2005 , 2, 607-14	130
1778	Control of lymphocyte development by nuclear factor-kappaB. 2005 , 5, 435-45	240
1777	Transcriptional networks in developing and mature B cells. 2005 , 5, 497-508	178
1776	NF-kappaB: linking inflammation and immunity to cancer development and progression. 2005 , 5, 749-59	2424
1775	Immunity by ubiquitylation: a reversible process of modification. 2005 , 5, 941-52	197
1774	Role of NF-kappaB signaling pathway in increased tumor necrosis factor-alpha-induced apoptosis of lymphocytes in aged humans. 2005 , 12, 177-83	62
1773	Ceramide triggers an NF-kappaB-dependent survival pathway through calpain. 2005 , 12, 512-22	44

1772	DNA-PKcs, but not TLR9, is required for activation of Akt by CpG-DNA. 2005 , 24, 779-89	95
1771	Positive and negative regulation of EAAT2 by NF-kappaB: a role for N-myc in TNFalpha-controlled repression. 2005 , 24, 510-20	182
1770	TRAF6-mediated ubiquitination regulates nuclear translocation of NRIF, the p75 receptor interactor. 2005 , 24, 3859-68	75
1769	Activation or suppression of NFkappaB by HPK1 determines sensitivity to activation-induced cell death. 2005 , 24, 4279-90	59
1768	Activation of IKK by thymosin alpha1 requires the TRAF6 signalling pathway. 2005 , 6, 531-7	53
1767	Efficacy and mechanism of action of the proteasome inhibitor PS-341 in T-cell lymphomas and HTLV-I associated adult T-cell leukemia/lymphoma. 2005 , 24, 419-30	72
1766	Cellular and molecular signal transduction pathways modulated by rituximab (rituxan, anti-CD20 mAb) in non-Hodgkin's lymphoma: implications in chemosensitization and therapeutic intervention. 2005 , 24, 2121-43	240
1765	[6]-Gingerol inhibits COX-2 expression by blocking the activation of p38 MAP kinase and NF-kappaB in phorbol ester-stimulated mouse skin. 2005 , 24, 2558-67	231
1764	Nfkb 1 is dispensable for Myc-induced lymphomagenesis. 2005 , 24, 6231-40	32
1763	Zerumbone abolishes NF-kappaB and IkappaBalph kinase activation leading to suppression of antiapoptotic and metastatic gene expression, upregulation of apoptosis, and downregulation of invasion. 2005 , 24, 6957-69	157
1762	Actions of TNF-alpha on glutamatergic synaptic transmission in the central nervous system. 2005 , 90, 663-70	310
1761	IKKalpha limits macrophage NF-kappaB activation and contributes to the resolution of inflammation. 2005 , 434, 1138-43	539
1760	Dissecting role of regulatory factors in NF-kappaB pathway with siRNA. 2005 , 26, 780-8	10
1759	Inverse regulation of the nuclear factor-kappaB binding to the p53 and interleukin-8 kappaB response elements in lesional psoriatic skin. 2005 , 124, 1284-92	48
1758	Human disease resulting from gene mutations that interfere with appropriate nuclear factor-kappaB activation. 2005 , 203, 21-37	93
1757	Molecular mechanisms of apoptosis in the cells of the immune system in human aging. 2005 , 205, 114-29	66
1756	Turning down the system: counter-regulatory mechanisms in bone and adaptive immunity. 2005 , 208, 66-79	10
1755	Role of nuclear factor-kappaB in the immune system and bone. 2005 , 208, 80-7	111

1754	Involvement of PKCalpha/beta in TLR4 and TLR2 dependent activation of NF-kappaB. 2005 , 17, 385-94	101
1753	NF-kappaB overrides the apoptotic program of TNF receptor 1 but not CD40 in carcinoma cells. 2005 , 17, 729-38	10
1752	Curcumin (diferuloylmethane) inhibits constitutive NF-kappaB activation, induces G1/S arrest, suppresses proliferation, and induces apoptosis in mantle cell lymphoma. 2005 , 70, 700-13	390
1751	Progesterone treatment inhibits the inflammatory agents that accompany traumatic brain injury. 2005 , 1049, 112-9	190
1750	Therapies for rheumatoid arthritis: hope springs eternal. 2005 , 10, 1598-606	20
1749	NF-kappaB RelB forms an intertwined homodimer. 2005 , 13, 1365-73	42
1748	Breaking the relay in deregulated cellular signal transduction as a rationale for chemoprevention with anti-inflammatory phytochemicals. 2005 , 591, 123-46	117
1747	Porcine arterivirus activates the NF-kappaB pathway through IkappaB degradation. 2005 , 342, 47-59	90
1746	Endothelial cell myosin light chain kinase (MLCK) regulates TNFalpha-induced NFkappaB activity. 2005 , 94, 351-64	41
1745	Nuclear trafficking of metallothionein requires oxidation of a cytosolic partner. 2005 , 202, 563-9	47
1744	An IkappaB-beta COOH terminal region protein is essential for the proliferation of CHO cells under acidic stress. 2005 , 203, 186-92	6
1743	Polyamine depletion inhibits NF-kappaB binding to DNA and interleukin-8 production in human chondrocytes stimulated by tumor necrosis factor-alpha. 2005 , 204, 956-63	20
1742	T cell receptor-induced lipid raft recruitment of the I kappa B kinase complex is necessary and sufficient for NF-kappa B activation occurring in the cytosol. 2005 , 35, 318-25	20
1741	Selective inhibition of NF-kappaB in dendritic cells by the NEMO-binding domain peptide blocks maturation and prevents T cell proliferation and polarization. 2005 , 35, 1164-74	60
1740	Cisplatin activates Akt in small cell lung cancer cells and attenuates apoptosis by survivin upregulation. 2005 , 117, 755-63	87
1739	Proliferation and cornification during development of the mammalian epidermis. 2005 , 75, 314-29	61
1738	Molecular principles of hair follicle induction and morphogenesis. 2005 , 27, 247-61	385
1737	Amelioration of acute inflammation by systemic administration of a cell-permeable peptide inhibitor of NF-kappaB activation. 2005 , 52, 951-8	81

1736	Calcium-dependent activation of T-lymphocytes. 2005 , 450, 1-12	79
1735	Signal transduction network leading to COX-2 induction: a road map in search of cancer chemopreventives. 2005 , 28, 1-15	42
1734	The anti-death machinery in IKK/NF-kappaB signaling. 2005 , 25, 541-50	88
1733	Natural Products and their Role as Inhibitors of the Pro-Inflammatory Transcription Factor NF-B. 2005 , 4, 27-37	24
1732	Activation of nuclear factor kappa B (NF-kappaB) by connective tissue growth factor (CCN2) is involved in sustaining the survival of primary rat hepatic stellate cells. 2005 , 3, 14	18
1731	Life and death of lymphocytes: a role in immunosenescence. 2005 , 2, 12	40
1730	NFB: cell survival or cell death?. 2005 , 5, 334-349	6
1729	NF-B. 2005 , 341-352	
1728	Signal transduction pathways and transcription factors as therapeutic targets in inflammatory disease: towards innovative antirheumatic therapy. 2005 , 11, 581-611	69
1727	Nature and Function of Hepatic Tumor Necrosis Factor- β Signaling. 2005 , 115-128	2
1726	Spontaneous ocular surface inflammation and goblet cell disappearance in I kappa B zeta gene-disrupted mice. 2005 , 46, 579-88	50
1725	Alterations in cell signaling in sepsis. 2005 , 41 Suppl 7, S459-64	42
1724	Heritable defects of the human TLR signalling pathways. 2005 , 11, 220-4	25
1723	Activation of the NF-kappaB system in peripheral blood leukocytes from patients with chronic heart failure. 2005 , 7, 984-90	18
1722	Ultrafine carbon particles induce interleukin-8 gene transcription and p38 MAPK activation in normal human bronchial epithelial cells. 2005 , 288, L432-41	51
1721	Identification of novel mediators of NF-kappaB through genome-wide survey of monocyte adherence-induced genes. 2005 , 78, 1366-77	37
1720	NF-kappaB RelA phosphorylation regulates RelA acetylation. 2005 , 25, 7966-75	359
1719	Stabilization of basally translated NF-kappaB-inducing kinase (NIK) protein functions as a molecular switch of processing of NF-kappaB2 p100. 2005 , 280, 40578-82	71

1718	Ikappabeta-related vankyrin genes in the Campoletis sonorensis ichnovirus: temporal and tissue-specific patterns of expression in parasitized Heliothis virescens lepidopteran hosts. 2005 , 79, 7617-28	60
1717	NF-kappaB-repressing factor inhibits elongation of human immunodeficiency virus type 1 transcription by DRB sensitivity-inducing factor. 2005 , 25, 7473-83	20
1716	Stimulation of macrophage migration inhibitory factor expression in endometrial stromal cells by interleukin 1, beta involving the nuclear transcription factor NFkappaB. 2005 , 73, 565-70	74
1715	Cytokines and sodium induce protein kinase A-dependent cell-surface Na,K-ATPase recruitment via dissociation of NF-kappaB/IkappaB/protein kinase A catalytic subunit complex in collecting duct principal cells. 2005 , 16, 2576-85	28
1714	IKKbeta phosphorylates p65 at S468 in transactivaton domain 2. 2005 , 19, 1758-60	66
1713	Is there a role for locally produced interleukin-1 in the deleterious effects of high glucose or the type 2 diabetes milieu to human pancreatic islets?. 2005 , 54, 3238-44	110
1712	PKC beta regulates BCR-mediated IKK activation by facilitating the interaction between TAK1 and CARMA1. 2005 , 202, 1423-31	135
1711	RelA/p65 regulation of IkappaBbeta. 2005 , 25, 4956-68	25
1710	Gene expression profiling in conjunction with physiological rescues of IKKalpha-null cells with wild type or mutant IKKalpha reveals distinct classes of IKKalpha/NF-kappaB-dependent genes. 2005 , 280, 14057-69	25
1709	Nuclear factor-kappaB decoys suppress endotoxin-induced lung injury. 2005 , 67, 977-9	20
1708	NF-kappa B activation is not required for Chlamydia trachomatis inhibition of host epithelial cell apoptosis. 2005 , 174, 1701-8	46
1707	Negative regulation of NF-kappaB signaling by PIAS1. 2005 , 25, 1113-23	120
1706	Apoptosis induction by a novel retinoid-related molecule requires nuclear factor-kappaB activation. 2005 , 65, 4909-17	70
1705	IKKbeta-dependent NF-kappaB pathway controls vascular inflammation and intimal hyperplasia. 2005 , 19, 1293-5	43
1704	Pneumocystis carinii activates the NF-kappaB signaling pathway in alveolar epithelial cells. 2005 , 73, 2766-77	45
1703	Identification of endogenous glucocorticoid repressed genes differentially regulated by a glucocorticoid receptor mutant able to separate between nuclear factor-kappaB and activator protein-1 repression. 2005 , 67, 815-26	41
1702	Increased expression of the E3-ubiquitin ligase receptor subunit betaTRCP1 relates to constitutive nuclear factor-kappaB activation and chemoresistance in pancreatic carcinoma cells. 2005 , 65, 1316-24	97
1701	NF-{kappa}B is transported into the nucleus by importin {alpha}3 and importin {alpha}4. 2005 , 280, 15942-51	219

1700	Identification of a novel blocker of I kappa B alpha kinase that enhances cellular apoptosis and inhibits cellular invasion through suppression of NF-kappa B-regulated gene products. 2005 , 174, 7383-92	77
1699	A fully dissociated compound of plant origin for inflammatory gene repression. 2005 , 102, 15827-32	211
1698	RelB/p52 NF-kappaB complexes rescue an early delay in mammary gland development in transgenic mice with targeted superrepressor IkappaB-alpha expression and promote carcinogenesis of the mammary gland. 2005 , 25, 10136-47	72
1697	Collagen and aggrecan degradation is blocked in interleukin-1-treated cartilage explants by an inhibitor of IkappaB kinase through suppression of metalloproteinase expression. 2005 , 315, 382-8	48
1696	Inflammation-activated protein kinases as targets for drug development. 2005 , 2, 386-90; discussion 394-5	103
1695	Monitoring proteasome activity in cellulo and in living animals by bioluminescent imaging: technical considerations for design and use of genetically encoded reporters. 2005 , 399, 512-30	22
1694	Regulation of phospholipase C-gamma2 networks in B lymphocytes. 2005 , 88, 73-96	14
1693	Osteoporosis and atherosclerosis: biological linkages and the emergence of dual-purpose therapies. 2005 , 98, 467-84	102
1692	Role of TRAF6 in the immune system. 2005 , 560, 77-82	17
1691	Reoxygenation of hypoxic mice with 100% oxygen induces brain nuclear factor-kappa B. 2005 , 58, 941-5	35
1690	The transcription factor NF-kappaB as drug target. 2005 , 43, 137-88	9
1689	NF-kappaB controls the global pro-inflammatory response in endothelial cells: evidence for the regulation of a pro-atherogenic program. 2005 , 33, 5308-19	206
1688	Identification of target genes involved in the antiproliferative effect of glucocorticoids reveals a role for nuclear factor-(kappa)B repression. 2005 , 19, 632-43	35
1687	Role of IkappaB kinase in tumorigenesis. 2005 , 1, 67-78	33
1686	Mechanism of NF-kappaB activation induced by gamma-irradiation in B lymphoma cells : role of Ras. 2005 , 68, 2019-31	9
1685	Nitric oxide and redox signaling in allergic airway inflammation. 2005 , 7, 129-43	31
1684	Biomechanical stress induces IL-6 expression in smooth muscle cells via Ras/Rac1-p38 MAPK-NF-kappaB signaling pathways. 2005 , 288, H2946-54	106
1683	TGF- β 1 activates two distinct type I receptors in neurons: implications for neuronal NF- κ B signaling. 2005 , 168, 1077-86	104

1682	DNA Sequence-Specific Transcription Factors. 2005 , 91-109	3
1681	Stimulus specificity of gene expression programs determined by temporal control of IKK activity. 2005 , 309, 1857-61	408
1680	Fas-associated death-domain protein inhibits TNF-alpha mediated NF-kappaB activation in cardiomyocytes. 2005 , 289, H2073-80	9
1679	Phosphorylation of the alpha-subunit of the eukaryotic initiation factor-2 (eIF2alpha) reduces protein synthesis and enhances apoptosis in response to proteasome inhibition. 2005 , 280, 14189-202	232
1678	Iron-mediated H2O2 production as a mechanism for cell type-specific inhibition of tumor necrosis factor alpha-induced but not interleukin-1beta-induced IkappaB kinase complex/nuclear factor-kappaB activation. 2005 , 280, 2912-23	33
1677	Resolution of inflammation: prostaglandin E2 dissociates nuclear trafficking of individual NF-kappaB subunits (p65, p50) in stimulated rheumatoid synovial fibroblasts. 2005 , 175, 6924-30	115
1676	Regulation of NF-kappa B2 p100 processing by its cis-acting domain. 2005 , 280, 18-27	43
1675	Protein kinase C alpha-mediated chemotaxis of neutrophils requires NF-kappa B activity but is independent of TNF alpha signaling in mouse skin in vivo. 2005 , 174, 1686-92	64
1674	Inhibition of MAPK and NF-kappa B pathways is necessary for rapid apoptosis in macrophages infected with Yersinia. 2005 , 174, 7939-49	108
1673	Endotoxin tolerance disrupts chromatin remodeling and NF-kappaB transactivation at the IL-1beta promoter. 2005 , 175, 461-8	138
1672	Acetyl-boswellic acids inhibit lipopolysaccharide-mediated TNF-alpha induction in monocytes by direct interaction with IkappaB kinases. 2005 , 174, 498-506	147
1671	18 Beta-glycyrrhetic acid triggers curative Th1 response and nitric oxide up-regulation in experimental visceral leishmaniasis associated with the activation of NF-kappa B. 2005 , 175, 1161-9	54
1670	Constitutive nuclear expression of the I kappa B kinase complex and its activation in human neutrophils. 2005 , 175, 1834-42	50
1669	Rituximab-induced inhibition of YY1 and Bcl-xL expression in Ramos non-Hodgkin's lymphoma cell line via inhibition of NF-kappa B activity: role of YY1 and Bcl-xL in Fas resistance and chemoresistance, respectively. 2005 , 175, 2174-83	110
1668	Positive regulation of IkappaB kinase signaling by protein serine/threonine phosphatase 2A. 2005 , 280, 35974-82	66
1667	Evodiamine abolishes constitutive and inducible NF-kappaB activation by inhibiting IkappaBalpha kinase activation, thereby suppressing NF-kappaB-regulated antiapoptotic and metastatic gene expression, up-regulating apoptosis, and inhibiting invasion. 2005 , 280, 17203-12	137
1666	NF-kappa B-mediated MyoD decay during muscle wasting requires nitric oxide synthase mRNA stabilization, HuR protein, and nitric oxide release. 2005 , 25, 6533-45	114
1665	CATERPILLER 16.2 (CLR16.2), a novel NBD/LRR family member that negatively regulates T cell function. 2005 , 280, 18375-85	98

1664	Tyrosine nitration on p65: a novel mechanism to rapidly inactivate nuclear factor-kappaB. 2005 , 4, 300-9	72
1663	FBI-1 enhances transcription of the nuclear factor-kappaB (NF-kappaB)-responsive E-selectin gene by nuclear localization of the p65 subunit of NF-kappaB. 2005 , 280, 27783-91	49
1662	Peroxynitrite is a potent inhibitor of NF- κ B activation triggered by inflammatory stimuli in cardiac and endothelial cell lines. 2005 , 280, 34878-87	62
1661	Essential role of IkappaB kinase alpha in the constitutive processing of NF-kappaB2 p100. 2005 , 280, 9765-8	41
1660	Inhibition of mammalian target of rapamycin potentiates thrombin-induced intercellular adhesion molecule-1 expression by accelerating and stabilizing NF-kappa B activation in endothelial cells. 2005 , 174, 5823-9	59
1659	Protein kinase C pathway is involved in transcriptional regulation of C-reactive protein synthesis in human hepatocytes. 2005 , 25, 186-92	31
1658	IL-1 receptor-associated kinase M is a central regulator of osteoclast differentiation and activation. 2005 , 201, 1169-77	55
1657	3-Phosphoinositide-dependent protein kinase-1-mediated IkappaB kinase beta (IkkB) phosphorylation activates NF-kappaB signaling. 2005 , 280, 40965-73	74
1656	NF-kappaB activation can mediate inhibition of human cytomegalovirus replication. 2005 , 86, 285-295	27
1655	Tpl2/cot signals activate ERK, JNK, and NF-kappaB in a cell-type and stimulus-specific manner. 2005 , 280, 23748-57	114
1654	Tetraspanin CD81 provides a costimulatory signal resulting in increased human immunodeficiency virus type 1 gene expression in primary CD4+ T lymphocytes through NF-kappaB, NFAT, and AP-1 transduction pathways. 2005 , 79, 4316-28	32
1653	The tumor necrosis factor-like weak inducer of apoptosis (TWEAK)-fibroblast growth factor-inducible 14 (Fn14) signaling system regulates glioma cell survival via NFkappaB pathway activation and BCL-XL/BCL-W expression. 2005 , 280, 3483-92	145
1652	Participation of Rip2 in lipopolysaccharide signaling is independent of its kinase activity. 2005 , 280, 16278-83	52
1651	Acetylation of poly(ADP-ribose) polymerase-1 by p300/CREB-binding protein regulates coactivation of NF-kappaB-dependent transcription. 2005 , 280, 40450-64	237
1650	NF-kappaB, an evolutionarily conserved mediator of immune and inflammatory responses. 2005 , 560, 41-5	110
1649	Transcription factor NF-kappaB differentially regulates death receptor 5 expression involving histone deacetylase 1. 2005 , 25, 5404-16	129
1648	Inhibitor kappaB-like proteins from a polydnavirus inhibit NF-kappaB activation and suppress the insect immune response. 2005 , 102, 11426-31	124
1647	Site-specific monoubiquitination of IkappaB kinase IKKbeta regulates its phosphorylation and persistent activation. 2005 , 280, 43272-9	32

1646	B cell receptor (BCR) cross-talk: CD40 engagement creates an alternate pathway for BCR signaling that activates I kappa B kinase/I kappa B alpha/NF-kappa B without the need for PI3K and phospholipase C gamma. 2005 , 174, 6062-70	39
1645	Heritable defects of the human TLR signalling pathways. 2005 , 11, 220-224	19
1644	10t,12c-conjugated linoleic acid inhibits lipopolysaccharide-induced cyclooxygenase expression in vitro and in vivo. 2005 , 46, 2134-42	47
1643	A phase II trial with pharmacodynamic endpoints of the proteasome inhibitor bortezomib in patients with metastatic colorectal cancer. 2005 , 11, 5526-33	85
1642	Nuclear factor kappaB signaling in atherogenesis. 2005 , 25, 904-14	449
1641	Glycogen synthase kinase 3beta functions to specify gene-specific, NF-kappaB-dependent transcription. 2005 , 25, 8444-55	182
1640	Transforming growth factor-alpha inhibits the intrinsic pathway of c-Myc-induced apoptosis through activation of nuclear factor-kappaB in murine hepatocellular carcinomas. 2005 , 3, 403-12	28
1639	Inhibition of IKK down-regulates antigen + IgE-induced TNF production by mast cells: a role for the IKK-IkappaB-NF-kappaB pathway in IgE-dependent mast cell activation. 2005 , 77, 975-83	46
1638	TNF-alpha activates MUC2 transcription via NF-kappaB but inhibits via JNK activation. 2005 , 15, 29-40	62
1637	Requirement of nuclear factor-kappaB in angiotensin II- and isoproterenol-induced cardiac hypertrophy in vivo. 2005 , 111, 2319-25	158
1636	A helminth glycan induces APC maturation via alternative NF-kappa B activation independent of I kappa B alpha degradation. 2005 , 175, 2082-90	66
1635	Stimulus-specific induction of a novel nuclear factor-kappaB regulator, IkappaB-zeta, via Toll/Interleukin-1 receptor is mediated by mRNA stabilization. 2005 , 280, 1678-87	100
1634	The Wnt-NLK signaling pathway inhibits A-Myb activity by inhibiting the association with coactivator CBP and methylating histone H3. 2005 , 16, 4705-13	33
1633	Escherichia coli K1 inhibits proinflammatory cytokine induction in monocytes by preventing NF-kappaB activation. 2005 , 78, 544-54	30
1632	I{kappa}B kinase (IKK){beta}, but not IKK{alpha}, is a critical mediator of osteoclast survival and is required for inflammation-induced bone loss. 2005 , 201, 1677-87	215
1631	The epigenetic alteration of synovial cell gene expression in rheumatoid arthritis and the roles of nuclear factor B and Notch signaling pathways. 2005 , 15, 79-86	9
1630	Cancer cell immune escape and tumor progression by exploitation of anti-inflammatory and pro-inflammatory responses. 2005 , 4, 924-33	67
1629	Regulating inducible transcription through controlled localization. 2005 , 2005, re6	31

1628	Evidence that public database records for many cancer-associated genes reflect a splice form found in tumors and lack normal splice forms. 2005 , 33, 5026-33	44
1627	Molecular mechanisms of cytokine-induced neuroprotection: NFkappaB and neuroplasticity. 2005 , 11, 985-98	31
1626	Crossroads of estrogen receptor and NF-kappaB signaling. 2005 , 2005, pe27	87
1625	Inhibition of cytokine-induced IkappaB kinase activation as a mechanism contributing to the anti-atherogenic activity of tilianin in hyperlipidemic mice. 2005 , 180, 27-35	26
1624	Production of matrix metalloproteinase-9 by activated human monocytes involves a phosphatidylinositol-3 kinase/Akt/IKKalpha/NF-kappaB pathway. 2005 , 78, 259-65	88
1623	Requirement for caspase-8 in NF-kappaB activation by antigen receptor. 2005 , 307, 1465-8	368
1622	Discovery and biological evaluation of the novel naturally occurring diterpene pepluanone as antiinflammatory agent. 2005 , 48, 7055-62	43
1621	Hepatitis C virus core protein suppresses NF-kappaB activation and cyclooxygenase-2 expression by direct interaction with IkappaB kinase beta. 2005 , 79, 7648-57	80
1620	PDK1 nucleates T cell receptor-induced signaling complex for NF-kappaB activation. 2005 , 308, 114-8	206
1619	Down-regulation of brain nuclear factor-kappa B pathway in the cyclooxygenase-2 knockout mouse. 2005 , 139, 217-24	11
1618	Formation of an IKKalpha-dependent transcription complex is required for estrogen receptor-mediated gene activation. 2005 , 18, 71-82	159
1617	Regulatory events in early and late B-cell differentiation. 2005 , 42, 749-61	51
1616	The role of Toll-like receptors in the host response to viruses. 2005 , 42, 859-67	197
1615	Distinct nuclear factor-kappaB/Rel proteins have opposing modulatory effects in glutamate-induced cell death in HT22 cells. 2005 , 47, 545-55	16
1614	Stroma-mediated dysregulation of myelopoiesis in mice lacking I kappa B alpha. 2005 , 22, 479-91	86
1613	A role for nuclear factor kappa B/rel transcription factors in the regulation of the recombinase activator genes. 2005 , 22, 519-31	68
1612	Immunosuppressive properties of flavonoids isolated from Boerhaavia diffusa Linn. 2005 , 5, 541-53	57
1611	The IB kinase (IKK) complex as a critical regulator of immune responses. 2005 , 1285, 97-103	8

1610	Inhibition of NF-kappa B by a cell permeable form of I kappa B alpha induces apoptosis in eosinophils. 2005 , 326, 632-7	30
1609	30 some years of heme oxygenase: from a "molecular wrecking ball" to a "mesmerizing" trigger of cellular events. 2005 , 338, 568-77	176
1608	Genomic structure and functional characterization of the promoter region of human IkappaB kinase-related kinase IKKi/IKKvarepsilon gene. 2005 , 353, 118-33	21
1607	Tumor necrosis factor-alpha-induced CTACK/CCL27 (cutaneous T-cell-attracting chemokine) production in keratinocytes is controlled by nuclear factor kappaB. 2005 , 29, 49-55	54
1606	Modifications of DNA by platinum complexes. Relation to resistance of tumors to platinum antitumor drugs. 2005 , 8, 131-46	295
1605	Activation of nuclear factor-kappaB (NFkappaB) identifies a high-risk subset of hormone-dependent breast cancers. 2005 , 37, 1130-44	111
1604	Tapered progesterone withdrawal enhances behavioral and molecular recovery after traumatic brain injury. 2005 , 195, 423-9	59
1603	A unified framework for unraveling the functional interaction structure of a biomolecular network based on stimulus-response experimental data. 2005 , 579, 4520-8	13
1602	Regulation of NF-kappaB/Rel by IkappaB is essential for ascidian notochord formation. 2005 , 277, 80-91	18
1601	New facets of the neuropathology and molecular profile of human temporal lobe epilepsy. 2005 , 7, 190-203	111
1600	Altered transcriptional regulators in response to serum in immortalized lymphocytes from Alzheimer's disease patients. 2005 , 26, 615-24	24
1599	The inhibitor kappaB-ortholog Cactus is necessary for normal neuromuscular function in <i>Drosophila melanogaster</i> . 2005 , 134, 397-406	20
1598	Induction of nuclear factor-kappaB activation through TAK1 and NIK by diesel exhaust particles in L2 cell lines. 2005 , 155, 337-42	12
1597	Antiapoptotic response to induced GSH depletion: involvement of heat shock proteins and NF-kappaB activation. 2005 , 7, 446-55	42
1596	Inflamaci3n articular. 2006 , 39, 1-21	
1595	Inflammation, a key event in cancer development. 2006 , 4, 221-33	782
1594	Chapter 14 Insulin resistance, inflammation, and the IKK/IB/NF-B pathway. 2006 , 279-321	1
1593	NF-B Signal Transduction by IKK Complexes. 2006 , 12-25	1

1592	Regulation of signal transduction through protein cysteine oxidation. 2006 , 8, 1819-27		131
1591	Induction of neutrophil gelatinase-associated lipocalin in vascular injury via activation of nuclear factor-kappaB. 2006 , 169, 2245-53		121
1590	Human cytomegalovirus attenuates interleukin-1beta and tumor necrosis factor alpha proinflammatory signaling by inhibition of NF-kappaB activation. 2006 , 80, 5588-98		57
1589	Intracellular signals and events activated by cytokines of the tumor necrosis factor superfamily: From simple paradigms to complex mechanisms. 2006 , 252, 129-61		70
1588	Cross-talk between nuclear receptors and nuclear factor kappaB. 2006 , 25, 6868-86		221
1587	Theileria-induced constitutive IKK activation is independent of functional Hsp90. 2006 , 580, 5023-8		5
1586	Receptor for Advanced Glycation Endproducts and Murine Colitis Limited Project Grant #066. 2006 , 17, 160-164		
1585	Epigenetics and airways disease. 2006 , 7, 21		116
1584	TRANSCRIPTION FACTORS Overview. 2006 , 243-251		1
1583	Update on glucocorticoid action and resistance. 2006 , 117, 522-43		305
1582	NF-kappaB regulates spatial memory formation and synaptic plasticity through protein kinase A/CREB signaling. 2006 , 26, 2936-46		165
1581	The influence of the signal dynamics of activated form of IKK on NF-kappaB and anti-apoptotic gene expressions: a systems biology approach. 2006 , 580, 822-30		44
1580	Identification of TNF-alpha-responsive NF-kappaB p65-binding element in the distal promoter of the mouse serine protease inhibitor SerpinE2. 2006 , 580, 3257-62		7
1579	Innate immunity gone awry: linking microbial infections to chronic inflammation and cancer. <i>Cell</i> , 2006 , 124, 823-35	56.2	740
1578	Cyld inhibits tumor cell proliferation by blocking Bcl-3-dependent NF-kappaB signaling. <i>Cell</i> , 2006 , 125, 665-77	56.2	397
1577	Participation of superoxide in neutrophil activation and cytokine production. 2006 , 1762, 732-41		72
1576	NF-kappaB independent inhibition of lipopolysaccharide-induced cyclooxygenase by a conjugated linoleic acid cognate, conjugated nonadecadienoic acid. 2006 , 1761, 969-72		15
1575	Activated nuclear transcription factor kappaB in patients with myocarditis and dilated cardiomyopathy--relation to inflammation and cardiac function. 2006 , 339, 180-7		36

1574	TNFalpha release from peripheral blood leukocytes depends on a CRM1-mediated nuclear export. 2006 , 351, 354-60	12
1573	Synergistic activation of NF-kappaB by nontypeable H. influenzae and S. pneumoniae is mediated by CK2, IKKbeta-IkappaBalph, and p38 MAPK. 2006 , 351, 368-75	34
1572	NFkappaB pathway: a good signaling paradigm and therapeutic target. 2006 , 38, 1647-53	183
1571	Chemopreventive effect of bicyclol on malignant transformation of WB-F344 rat liver epithelial cells and its effect on related signal transduction in vitro. 2006 , 236, 239-49	11
1570	Is nuclear factor kappa-B the missing link between inflammation, cancer and alteration in hepatic drug metabolism in patients with cancer?. 2006 , 42, 785-92	29
1569	Coincident enrichment of phosphorylated IkappaBalph, activated IKK, and phosphorylated p65 in the axon initial segment of neurons. 2006 , 33, 68-80	49
1568	NF-kappaB is required for UV-induced JNK activation via induction of PKCdelta. 2006 , 21, 467-80	95
1567	If the prophet does not come to the mountain: dynamics of signaling complexes in NF-kappaB activation. 2006 , 22, 433-6	34
1566	Protein kinase C-associated kinase is not required for the development of peripheral B lymphocyte populations. 2006 , 43, 1694-9	3
1565	Establishment of the major compatibility complex-dependent development of CD4+ and CD8+ T cells by the Cbl family proteins. 2006 , 25, 571-81	24
1564	Antigen-receptor signaling to nuclear factor kappa B. 2006 , 25, 701-15	261
1563	Mechanism of macrophage activation by (1,4)-alpha-D-glucan isolated from Tinospora cordifolia. 2006 , 6, 1815-24	72
1562	Regulating the regulator: NF-kappaB signaling in heart. 2006 , 41, 580-91	148
1561	. 2006 ,	13
1560	Nuclear Factor-B in Apoptosis and Tumorigenesis. 445-461	
1559	Coordination between NF-kappaB family members p50 and p52 is essential for mediating LTbetaR signals in the development and organization of secondary lymphoid tissues. 2006 , 107, 1048-55	84
1558	Ubiquitylation and sumoylation control critical cytoplasmic and nuclear steps of NF-kappaB activation. 2006 , 107, 4021-9	88
1557	Rapid TNFR1-dependent lymphocyte depletion in vivo with a selective chemical inhibitor of IKKbeta. 2006 , 107, 4266-73	72

1556 NF- κ B-dependent responses activated by bacterial-epithelial interactions. 244-268

1555 Global gene expression analyses of mouse fibroblast L929 cells exposed to IC50 MMA by DNA microarray and confirmation of four detoxification genes' expression by real-time PCR. **2006**, 25, 205-13 8

1554 Inflammation rhumatismale. **2006**, 1, 1-20

1553 Inhibition of NF- κ B activation and chemokine expression by the leukocyte glycoprotein, CD43, in colon cancer cells. **2006**, 28, 695 3

1552 Sodium salicylate inhibits TNF-alpha-induced NF-kappaB activation, cell migration, invasion and ICAM-1 expression in human melanoma cells. **2006**, 16, 11-22 25

1551 Basic science for the clinician 39: NF-kappaB-function, activation, control, and consequences. **2006**, 12, 207-11 35

1550 Control of allograft rejection by applying a novel nuclear factor-kappaB inhibitor, dehydroxymethylepoxyquinomicin. **2006**, 82, 1720-7 27

1549 Transcription Factor NF- κ B: Function, Structure, Regulation, Pathways, and Applications. **2006**,

1548 A paradox of immunodeficiency and inflammation in human aging: lessons learned from apoptosis. **2006**, 3, 5 45

1547 Evaluation of the role of nuclear factor-kappaB signaling in liver injury using genetic animal models. **2006**, 21 Suppl 3, S43-6 22

1546 Evolutionarily-conserved role of the NF-kappaB transcription factor in neural plasticity and memory. **2006**, 24, 1507-16 57

1545 Intracellular survival pathways in the liver. **2006**, 26, 1163-74 78

1544 Theodor Böhler Lecture. Metabolomics, modelling and machine learning in systems biology - towards an understanding of the languages of cells. Delivered on 3 July 2005 at the 30th FEBS Congress and the 9th IUBMB conference in Budapest. **2006**, 273, 873-94 133

1543 N-Acetyl-L-cysteine and pyrrolidine dithiocarbamate inhibited nuclear factor-kappaB activation in alveolar macrophages by different mechanisms. **2006**, 27, 339-46 43

1542 Nuclear factor-kB signaling pathway constitutively activated in esophageal squamous cell carcinoma cell lines and inhibition of growth of cells by small interfering RNA. **2006**, 38, 318-26 41

1541 NF-kappaB activation in melanoma. **2006**, 19, 112-24 124

1540 Mathematical model for NF-kappaB-driven proliferation of adult neural stem cells. **2006**, 39, 441-55 6

1539 Modulation of chemokine gene expression in CD133+ cord blood-derived human mast cells by cyclosporin A and dexamethasone. **2006**, 64, 571-9 7

1538	Chronic inflammation: a failure of resolution?. 2007 , 88, 85-94	212
1537	At once harmful and beneficial: the dual properties of NF-kappaB. 2006 , 7, 901-2	20
1536	Human immunodeficiency virus 1 Nef suppresses CD40-dependent immunoglobulin class switching in bystander B cells. 2006 , 7, 302-10	178
1535	The kinase TAK1 integrates antigen and cytokine receptor signaling for T cell development, survival and function. 2006 , 7, 851-8	216
1534	Key function for the Ubc13 E2 ubiquitin-conjugating enzyme in immune receptor signaling. 2006 , 7, 962-70	222
1533	Inhibition of transcription factor NF-kappaB in the central nervous system ameliorates autoimmune encephalomyelitis in mice. 2006 , 7, 954-61	167
1532	An efficient tandem affinity purification procedure for interaction proteomics in mammalian cells. 2006 , 3, 1013-9	326
1531	Citrobacter rodentium-induced NF-kappaB activation in hyperproliferating colonic epithelia: role of p65 (Ser536) phosphorylation. 2006 , 148, 814-24	59
1530	The effects of cardamonin on lipopolysaccharide-induced inflammatory protein production and MAP kinase and NFkappaB signalling pathways in monocytes/macrophages. 2006 , 149, 188-98	98
1529	Nuclear factor-kappaB in cancer development and progression. 2006 , 441, 431-6	2885
1528	PKCzeta at the crossroad of NF-kappaB and Jak1/Stat6 signaling pathways. 2006 , 13, 702-11	107
1527	Reactive oxygen species mediate crosstalk between NF-kappaB and JNK. 2006 , 13, 730-7	294
1526	Deciphering the pathway from the TCR to NF-kappaB. 2006 , 13, 826-33	81
1525	Targeting NF-kappaB in hematologic malignancies. 2006 , 13, 748-58	120
1524	Osteoclast differentiation requires TAK1 and MKK6 for NFATc1 induction and NF-kappaB transactivation by RANKL. 2006 , 13, 1879-91	114
1523	Notch1 augments NF-kappaB activity by facilitating its nuclear retention. 2006 , 25, 129-38	248
1522	Notch3 and pre-TCR interaction unveils distinct NF-kappaB pathways in T-cell development and leukemia. 2006 , 25, 1000-8	115
1521	An antiapoptotic protein, c-FLIPL, directly binds to MKK7 and inhibits the JNK pathway. 2006 , 25, 5549-59	81

1520	The NF-kappaB pathway blockade by the IKK inhibitor PS1145 can overcome imatinib resistance. 2006 , 20, 61-7	84
1519	Induction of cell death in adult T-cell leukemia cells by a novel IkappaB kinase inhibitor. 2006 , 20, 590-8	41
1518	Molecular pathogenesis of MALT lymphoma: two signaling pathways underlying the antiapoptotic effect of API2-MALT1 fusion protein. 2006 , 20, 929-36	22
1517	Effects of IKK inhibitor PS1145 on NF-kappaB function, proliferation, apoptosis and invasion activity in prostate carcinoma cells. 2006 , 25, 387-98	100
1516	TNF-alpha enhances estrogen-induced cell proliferation of estrogen-dependent breast tumor cells through a complex containing nuclear factor-kappa B. 2006 , 25, 1367-77	78
1515	Siva-1 negatively regulates NF-kappaB activity: effect on T-cell receptor-mediated activation-induced cell death (AICD). 2006 , 25, 3458-62	30
1514	Activation of the NF-kappaB pathway by the leukemogenic TEL-Jak2 and TEL-Abl fusion proteins leads to the accumulation of antiapoptotic IAP proteins and involves IKKalpha. 2006 , 25, 3589-97	22
1513	IkappaB kinase complexes: gateways to NF-kappaB activation and transcription. 2006 , 25, 6685-705	527
1512	Design and preparation of 2-benzamido-pyrimidines as inhibitors of IKK. 2006 , 16, 108-12	105
1511	Activation of NFkappaB is inhibited by curcumin and related enones. 2006 , 14, 2450-61	99
1510	Proteomic analysis of phosphorylation, oxidation and nitrosylation in signal transduction. 2006 , 1764, 1823-41	70
1509	NF-kappaB in photodynamic therapy: discrepancies of a master regulator. 2006 , 82, 1241-6	28
1508	No evidence for an involvement of the p38 and JNK mitogen-activated protein in inflammatory bowel diseases. 2006 , 51, 1443-53	26
1507	Differential sensitivity of naive and memory subsets of human CD8+ T cells to TNF-alpha-induced apoptosis. 2006 , 26, 193-203	23
1506	Exploiting our knowledge of NF-kappaB signaling for the treatment of mammary cancer. 2006 , 11, 63-73	36
1505	New leads for selective GSK-3 inhibition: pharmacophore mapping and virtual screening studies. 2006 , 20, 55-66	18
1504	COPD zukünftige Therapieoptionen. 2006 , 3, 129-139	
1503	NF-kappaB, AP-1, Zinc-deficiency and aging. 2006 , 7, 409-19	47

1502	Host genetic factors and mycobacterial infections: lessons from single gene disorders affecting innate and adaptive immunity. 2006 , 8, 1141-50	20
1501	Lessons learned from molecular defects in nuclear factor kappaB dependent signaling. 2006 , 8, 1151-6	10
1500	Bile-pancreatic juice exclusion promotes Akt/NF-kappaB activation and chemokine production in ligation-induced acute pancreatitis. 2006 , 10, 950-9	12
1499	Nuclear factor kappaB signaling in opioid functions and receptor gene expression. 2006 , 1, 270-9	46
1498	What signals are generated by anti-CD20 antibody therapy?. 2006 , 1, 205-13	8
1497	Reactive oxygen species augment B-cell-activating factor expression. 2006 , 40, 2103-11	43
1496	Essential role of tuberous sclerosis genes TSC1 and TSC2 in NF-kappaB activation and cell survival. 2006 , 10, 215-26	107
1495	Human ubiquitin specific protease 31 is a deubiquitinating enzyme implicated in activation of nuclear factor-kappaB. 2006 , 18, 83-92	58
1494	The N-terminus of PKR is responsible for the activation of the NF-kappaB signaling pathway by interacting with the IKK complex. 2006 , 18, 1865-75	51
1493	ERK1/2 and p38-MAPK signalling pathways, through MSK1, are involved in NF-kappaB transactivation during oxidative stress in skeletal myoblasts. 2006 , 18, 2238-51	207
1492	Surviving cell death through epidermal growth factor (EGF) signal transduction pathways: implications for cancer therapy. 2006 , 18, 2089-97	233
1491	Towards subtlety: understanding the role of Toll-like receptor signaling in susceptibility to human infections. 2006 , 120, 1-9	69
1490	TNF-alpha mediated transport of NF-kappaB to the nucleus is independent of the cytoskeleton-based transport system in non-neuronal cells. 2006 , 85, 529-36	18
1489	Kinase inhibitors and airway inflammation. 2006 , 533, 118-32	108
1488	Distinct roles of diverse nuclear factor-kappaB complexes in neuropathological mechanisms. 2006 , 545, 22-8	61
1487	Recent status of HIV-1 gene expression inhibitors. 2006 , 71, 301-6	51
1486	Spermidine/Spermine N1-Acetyltransferase 2 (SSAT2) functions as a coactivator for NF-kappaB and cooperates with CBP and P/CAF to enhance NF-kappaB-dependent transcription. 2006 , 1759, 470-7	10
1485	Pro-apoptotic role of NF-kappaB: implications for cancer therapy. 2006 , 1766, 53-62	48

1484	Keeping up NF-kappaB appearances: epigenetic control of immunity or inflammation-triggered epigenetics. 2006 , 72, 1114-31	93
1483	NF-kappaB activation by double-strand breaks. 2006 , 72, 1132-41	119
1482	Resveratrol modulates phorbol ester-induced pro-inflammatory signal transduction pathways in mouse skin in vivo: NF-kappaB and AP-1 as prime targets. 2006 , 72, 1506-15	168
1481	The alternative NF-kappaB pathway from biochemistry to biology: pitfalls and promises for future drug development. 2006 , 72, 1161-79	297
1480	NF-kappaB functions in the nervous system: from development to disease. 2006 , 72, 1180-95	159
1479	Reduced Nuclear Factor kappa B activation in dentate gyrus after active avoidance training. 2006 , 1104, 39-44	5
1478	Studies on the role of protein kinase A in humoral immune response of Galleria mellonella larvae. 2006 , 52, 744-53	13
1477	Morphine promotes Jurkat cell apoptosis through pro-apoptotic FADD/P53 and anti-apoptotic PI3K/Akt/NF-kappaB pathways. 2006 , 174, 101-7	83
1476	NF-kappaB as a potential therapeutic target in osteoarthritis and rheumatoid arthritis. 2006 , 14, 839-48	481
1475	Low and high levels of alpha-tocopherol exert opposite effects on IL-2 possibly through the modulation of PPAR-gamma, IkappaBalpha, and apoptotic pathway in activated splenocytes. 2006 , 22, 433-40	18
1474	Slow-release and injected progesterone treatments enhance acute recovery after traumatic brain injury. 2006 , 84, 420-8	45
1473	Targeting melanocortin receptors as potential novel therapeutics. 2006 , 111, 1-15	154
1472	The role of cytokines and trophic factors in epiretinal membranes: involvement of signal transduction in glial cells. 2006 , 25, 149-64	103
1471	Alterations in the expression of antioxidant genes and the levels of transcription factor NF-kappa B in relation to diabetic embryopathy in the Cohen diabetic rat model. 2006 , 76, 107-14	17
1470	A novel lipid A from Halomonas magadiensis inhibits enteric LPS-induced human monocyte activation. 2006 , 36, 354-60	26
1469	Activation of cell-survival transcription factor NFkappaB in L1I6-stimulated endothelial cells. 2006 , 77, 542-50	11
1468	BK-induced cytosolic phospholipase A2 expression via sequential PKC-delta, p42/p44 MAPK, and NF-kappaB activation in rat brain astrocytes. 2006 , 206, 246-54	42
1467	Requirement of an IkappaB-beta COOH terminal region protein for acidic-adaptation in CHO cells. 2006 , 207, 238-43	5

1466	The TFG protein, involved in oncogenic rearrangements, interacts with TANK and NEMO, two proteins involved in the NF-kappaB pathway. 2006 , 208, 154-60	38
1465	Linkage between EGFR family receptors and nuclear factor kappaB (NF-kappaB) signaling in breast cancer. 2006 , 209, 645-52	106
1464	5-aminoimidazole-4-carboxamide-1-beta-4-ribofuranoside attenuates experimental autoimmune encephalomyelitis via modulation of endothelial-monocyte interaction. 2006 , 84, 614-25	52
1463	Inhibition of IKK activation, through sequestering NEMO, blocks PMMA-induced osteoclastogenesis and calvarial inflammatory osteolysis. 2006 , 24, 1358-65	42
1462	NF-kappaB and cancer: mechanisms and targets. 2006 , 45, 355-61	223
1461	Therapeutic approaches in bone pathogenesis: targeting the IKK/NF-B axis. 2006 , 1, 133-146	3
1460	UV-mediated NF-kappaB activation is abolished in deficient XPC/D primary fibroblasts. 2006 , 5, 1085-9	5
1459	Exploring the positive and negative consequences of NF-kappaB inhibition for the treatment of human disease. 2006 , 5, 1160-3	33
1458	IKKalpha regulates the mitotic phase of the cell cycle by modulating Aurora A phosphorylation. 2006 , 5, 2371-80	40
1457	Regulatory molecular biology. 2006 , 5, 846-52	11
1456	Skin lesion development in a mouse model of incontinentia pigmenti is triggered by NEMO deficiency in epidermal keratinocytes and requires TNF signaling. 2006 , 15, 531-42	87
1455	Src activation of NF-kappaB augments IL-1beta-induced nitric oxide production in mesangial cells. 2006 , 17, 99-106	19
1454	Gadd45a and Gadd45b protect hematopoietic cells from UV-induced apoptosis via distinct signaling pathways, including p38 activation and JNK inhibition. 2006 , 281, 17552-8	105
1453	Coactivator-associated arginine methyltransferase-1 enhances nuclear factor-kappaB-mediated gene transcription through methylation of histone H3 at arginine 17. 2006 , 20, 1562-73	65
1452	Inhibition of the proteasomal function in chondrocytes down-regulates growth plate chondrogenesis and longitudinal bone growth. 2006 , 147, 3761-8	22
1451	NF-kappaB and cytokines. 2006 , 74, 283-300	39
1450	SUMOylation plays a role in gemcitabine- and bortezomib-induced cytotoxicity in human oropharyngeal carcinoma KB gemcitabine-resistant clone. 2006 , 5, 533-40	3
1449	The C-terminal activating region 2 of the Epstein-Barr virus-encoded latent membrane protein 1 activates NF-kappaB through TRAF6 and TAK1. 2006 , 281, 2162-9	57

1448	Modulation of Neutrophil Function by Hormones. 2006 , 2, 247-259	3
1447	Transcriptional regulation of the human GD3 synthase gene expression in Fas-induced Jurkat T cells: a critical role of transcription factor NF-kappaB in regulated expression. 2006 , 16, 375-89	26
1446	Withanolides potentiate apoptosis, inhibit invasion, and abolish osteoclastogenesis through suppression of nuclear factor-kappaB (NF-kappaB) activation and NF-kappaB-regulated gene expression. 2006 , 5, 1434-45	159
1445	NF-kappaB is dispensable for normal lymphocyte development in bone marrow but required for protection of progenitors from TNFalpha. 2006 , 18, 653-9	15
1444	The c-FLIP-NH2 terminus (p22-FLIP) induces NF-kappaB activation. 2006 , 203, 1295-305	165
1443	7,12-dimethylbenz(a)anthracene treatment of a c-rel mouse mammary tumor cell line induces epithelial to mesenchymal transition via activation of nuclear factor-kappaB. 2006 , 66, 2570-5	46
1442	Progress in chemoprevention drug development: the promise of molecular biomarkers for prevention of intraepithelial neoplasia and cancer--a plan to move forward. 2006 , 12, 3661-97	235
1441	Transient IkappaB kinase activity mediates temporal NF-kappaB dynamics in response to a wide range of tumor necrosis factor-alpha doses. 2006 , 281, 2945-50	103
1440	Negative regulation of the RelA/p65 transactivation function by the product of the DEK proto-oncogene. 2006 , 281, 26802-12	44
1439	Inflammation and postinfarct remodeling: overexpression of IkappaB prevents ventricular dilation via increasing TIMP levels. 2006 , 69, 746-54	39
1438	Naturally occurring NF-kappaB inhibitors. 2006 , 6, 945-51	325
1437	NF-kappa B activation as a pathological mechanism of septic shock and inflammation. 2006 , 290, L622-L645	550
1436	Role of FIP200 in cardiac and liver development and its regulation of TNFalpha and TSC-mTOR signaling pathways. 2006 , 175, 121-33	186
1435	Dimerization of the I kappa B kinase-binding domain of NEMO is required for tumor necrosis factor alpha-induced NF-kappa B activity. 2006 , 26, 9209-19	39
1434	Expression of the Bcl-3 proto-oncogene suppresses p53 activation. 2006 , 20, 225-35	112
1433	Escherichia coli prevents phagocytosis-induced death of macrophages via classical NF-kappaB signaling, a link to T-cell activation. 2006 , 74, 5989-6000	21
1432	Inducible phosphorylation of NF-kappa B p65 at serine 468 by T cell costimulation is mediated by IKK epsilon. 2006 , 281, 6175-83	90
1431	Inhibitors of NF-B Activity. 2006 , 162-178	1

1430	Epithelial cell I kappa B-kinase beta has an important protective role in Clostridium difficile toxin A-induced mucosal injury. 2006 , 177, 1214-20	40
1429	Blockade of nuclear factor-kappaB signaling pathway and anti-inflammatory activity of cardamomin, a chalcone analog from Alpinia conchigera. 2006 , 316, 271-8	98
1428	Rinderpest virus blocks type I and type II interferon action: role of structural and nonstructural proteins. 2006 , 80, 7555-68	58
1427	Up-regulation of cyclin D1 by HBx is mediated by NF-kappaB2/BCL3 complex through kappaB site of cyclin D1 promoter. 2006 , 281, 31770-7	82
1426	IkappaB kinase alpha-mediated derepression of SMRT potentiates acetylation of RelA/p65 by p300. 2006 , 26, 457-71	160
1425	Inhibition of human immunodeficiency virus type 1 replication in latently infected cells by a novel IkappaB kinase inhibitor. 2006 , 50, 547-55	31
1424	Breast cancer metastasis suppressor 1 functions as a corepressor by enhancing histone deacetylase 1-mediated deacetylation of RelA/p65 and promoting apoptosis. 2006 , 26, 8683-96	94
1423	A novel member of the IkappaB family, human IkappaB-zeta, inhibits transactivation of p65 and its DNA binding. 2006 , 281, 12645-54	80
1422	Suberoylanilide hydroxamic acid potentiates apoptosis, inhibits invasion, and abolishes osteoclastogenesis by suppressing nuclear factor-kappaB activation. 2006 , 281, 5612-22	98
1421	Minimal model of spiky oscillations in NF-kappaB signaling. 2006 , 103, 10840-5	128
1420	Resveratrol inhibits phorbol ester-induced expression of COX-2 and activation of NF-kappaB in mouse skin by blocking IkappaB kinase activity. 2006 , 27, 1465-74	226
1419	The influence of apple- and red-wine pomace rich diet on mRNA expression of inflammatory and apoptotic markers in different piglet organs. 2006 , 82, 877-887	5
1418	Caspase recruitment domain protein 6 is a microtubule-interacting protein that positively modulates NF-kappaB activation. 2006 , 103, 988-93	45
1417	The PAK1 autoregulatory domain is required for interaction with NIK in Helicobacter pylori-induced NF-kappaB activation. 2006 , 387, 79-86	24
1416	Sensitization of TRAIL-resistant cells by inhibition of heat shock protein 90 with low-dose geldanamycin. 2006 , 5, 170-8	35
1415	Host response to the attenuated poxvirus vector NYVAC: upregulation of apoptotic genes and NF-kappaB-responsive genes in infected HeLa cells. 2006 , 80, 985-98	30
1414	Plumbagin (5-hydroxy-2-methyl-1,4-naphthoquinone) suppresses NF-kappaB activation and NF-kappaB-regulated gene products through modulation of p65 and IkappaBalpha kinase activation, leading to potentiation of apoptosis induced by cytokine and chemotherapeutic agents. 2006 , 281, 17023-17033	267
1413	C/EBP beta blocks p65 phosphorylation and thereby NF-kappa B-mediated transcription in TNF-tolerant cells. 2006 , 177, 665-72	52

1412	The crucial role of cyclooxygenase-2 in osteopontin-induced protein kinase C alpha/c-Src/IkappaB kinase alpha/beta-dependent prostate tumor progression and angiogenesis. 2006 , 66, 6638-48	58
1411	Impact of protein kinase PKR in cell biology: from antiviral to antiproliferative action. 2006 , 70, 1032-60	565
1410	Cancer cell-based genomic and small molecule screens. 2007 , 96, 145-73	15
1409	Drosophila Ik2, a member of the I kappa B kinase family, is required for mRNA localization during oogenesis. 2006 , 133, 1467-75	30
1408	Activation of the nuclear factor kappaB pathway by astrocyte elevated gene-1: implications for tumor progression and metastasis. 2006 , 66, 1509-16	241
1407	Daxx represses expression of a subset of antiapoptotic genes regulated by nuclear factor-kappaB. 2006 , 66, 9026-35	45
1406	TNFalpha induces ABCA1 through NF-kappaB in macrophages and in phagocytes ingesting apoptotic cells. 2006 , 103, 3112-7	92
1405	Loss of hepatic NF-kappa B activity enhances chemical hepatocarcinogenesis through sustained c-Jun N-terminal kinase 1 activation. 2006 , 103, 10544-51	359
1404	IKK alpha regulates estrogen-induced cell cycle progression by modulating E2F1 expression. 2006 , 281, 6699-706	34
1403	Tumor necrosis factor receptor (TNFR)-associated factor 5 is a critical intermediate of costimulatory signaling pathways triggered by glucocorticoid-induced TNFR in T cells. 2006 , 281, 8559-64	45
1402	The kinases MSK1 and MSK2 are required for epidermal growth factor-induced, but not tumor necrosis factor-induced, histone H3 Ser10 phosphorylation. 2006 , 281, 12521-5	36
1401	IKK-i/IKKepsilon controls constitutive, cancer cell-associated NF-kappaB activity via regulation of Ser-536 p65/RelA phosphorylation. 2006 , 281, 26976-84	120
1400	Analysis and quantitation of NF-kappaB nuclear translocation in tumor necrosis factor alpha (TNF-alpha) activated vascular endothelial cells. 2006 , 12, 269-76	39
1399	A comprehensive map of the toll-like receptor signaling network. 2006 , 2, 2006.0015	260
1398	Regulation of intracellular signalling by the terminal membrane proteins of members of the Gammaherpesvirinae. 2006 , 87, 1047-1074	89
1397	Nox2 and Rac1 regulate H2O2-dependent recruitment of TRAF6 to endosomal interleukin-1 receptor complexes. 2006 , 26, 140-54	192
1396	Genetics and Epigenetics in Cancer Biology. 2006 , 25-56	1
1395	Breast cancer growth prevention by statins. 2006 , 66, 8707-14	277

1394	Interleukin-1beta induction of NFkappaB is partially regulated by H2O2-mediated activation of NFkappaB-inducing kinase. 2006 , 281, 1495-505	174
1393	3H-1,2-dithiole-3-thione targets nuclear factor kappaB to block expression of inducible nitric-oxide synthase, prevents hypotension, and improves survival in endotoxemic rats. 2006 , 317, 61-7	21
1392	Acetyl-11-keto-beta-boswellic acid potentiates apoptosis, inhibits invasion, and abolishes osteoclastogenesis by suppressing NF-kappa B and NF-kappa B-regulated gene expression. 2006 , 176, 3127-40	153
1391	Viral protease cleavage of inhibitor of kappaBalphatriggers host cell apoptosis. 2006 , 103, 19051-6	51
1390	IL-1 receptor-associated kinase 1 is critical for latent membrane protein 1-induced p65/RelA serine 536 phosphorylation and NF-kappaB activation. 2006 , 103, 2689-94	42
1389	Chronic unpredictable stress exacerbates lipopolysaccharide-induced activation of nuclear factor-kappaB in the frontal cortex and hippocampus via glucocorticoid secretion. 2006 , 26, 3813-20	202
1388	Coordinated binding of NF-kappaB family members in the response of human cells to lipopolysaccharide. 2006 , 103, 5899-904	135
1387	IL-1 beta and TNF-alpha regulation of the adenosine receptor (A2A) expression: differential requirement for NF-kappa B binding to the proximal promoter. 2006 , 177, 7173-83	68
1386	The Ret finger protein inhibits signaling mediated by the noncanonical and canonical IkappaB kinase family members. 2006 , 176, 1072-80	66
1385	IL-1beta-specific up-regulation of neutrophil gelatinase-associated lipocalin is controlled by IkappaB-zeta. 2006 , 176, 5559-66	123
1384	Deguelin, an Akt inhibitor, suppresses IkappaBalphakinase activation leading to suppression of NF-kappaB-regulated gene expression, potentiation of apoptosis, and inhibition of cellular invasion. 2006 , 177, 5612-22	99
1383	Targeted immunomodulation of the NF-kappaB pathway in airway epithelium impacts host defense against Pseudomonas aeruginosa. 2006 , 176, 4923-30	119
1382	A dominant function of IKK/NF-kappaB signaling in global lipopolysaccharide-induced gene expression. 2006 , 281, 31142-51	54
1381	Herpes simplex virus disrupts NF-kappaB regulation by blocking its recruitment on the IkappaBalphapromoter and directing the factor on viral genes. 2006 , 281, 7110-7	82
1380	Divergences in protein activity and cellular localization within the Campoletis sonorensis Ichnovirus Vankyrin family. 2006 , 80, 12219-28	26
1379	Lung epithelial NF-kappaB and Stat1 signaling in response to CD8+ T cell antigen recognition. 2006 , 26, 318-27	10
1378	Mechanisms of Liver Injury. I. TNF-alpha-induced liver injury: role of IKK, JNK, and ROS pathways. 2006 , 290, G583-9	503
1377	Genetic deletion of NAD(P)H:quinone oxidoreductase 1 abrogates activation of nuclear factor-kappaB, IkappaBalphakinase, c-Jun N-terminal kinase, Akt, p38, and p44/42 mitogen-activated protein kinases and potentiates apoptosis. 2006 , 281, 19798-808	108

1376	Isodeoxyelephantopin, a novel sesquiterpene lactone, potentiates apoptosis, inhibits invasion, and abolishes osteoclastogenesis through suppression of nuclear factor-kappaB (nf-kappaB) activation and nf-kappaB-regulated gene expression. 2006 , 12, 5910-8	60
1375	Nuclear receptors Nur77, Nurr1, and NOR-1 expressed in atherosclerotic lesion macrophages reduce lipid loading and inflammatory responses. 2006 , 26, 2288-94	188
1374	TAK1 is a master regulator of epidermal homeostasis involving skin inflammation and apoptosis. 2006 , 281, 19610-7	126
1373	Low K ⁺ promotes NF-kappaB/DNA binding in neuronal apoptosis induced by K ⁺ loss. 2006 , 26, 1038-50	26
1372	Regulation of IkappaB kinase (IKK) complex by IKKgammadependent phosphorylation of the T-loop and C terminus of IKKbeta. 2006 , 281, 15268-76	32
1371	Indirubin enhances tumor necrosis factor-induced apoptosis through modulation of nuclear factor-kappa B signaling pathway. 2006 , 281, 23425-35	77
1370	NFKappaB signaling is induced by the oncoprotein Tio through direct interaction with TRAF6. 2006 , 281, 8565-72	18
1369	A synthetic triterpenoid, CDDO-Me, inhibits IkappaBalpha kinase and enhances apoptosis induced by TNF and chemotherapeutic agents through down-regulation of expression of nuclear factor kappaB-regulated gene products in human leukemic cells. 2006 , 12, 1828-38	136
1368	Collaborative action of NF-kappaB and p38 MAPK is involved in CpG DNA-induced IFN-alpha and chemokine production in human plasmacytoid dendritic cells. 2006 , 177, 4841-52	65
1367	IKKbeta programs to turn on the GADD45alpha-MKK4-JNK apoptotic cascade specifically via p50 NF-kappaB in arsenite response. 2006 , 175, 607-17	81
1366	A pathway for tumor necrosis factor-alpha-induced Bcl10 nuclear translocation. Bcl10 is up-regulated by NF-kappaB and phosphorylated by Akt1 and then complexes with Bcl3 to enter the nucleus. 2006 , 281, 167-75	36
1365	NF-kappaB-inducing kinase is involved in the activation of the CD28 responsive element through phosphorylation of c-Rel and regulation of its transactivating activity. 2006 , 176, 4666-74	50
1364	Tumor necrosis factor alpha induces spermidine/spermine N1-acetyltransferase through nuclear factor kappaB in non-small cell lung cancer cells. 2006 , 281, 24182-92	45
1363	Inhibition of transcription factor NF-kappaB activation by kappaB-Ras. 2006 , 407, 527-34	6
1362	Torque teno virus (SANBAN isolate) ORF2 protein suppresses NF-kappaB pathways via interaction with IkappaB kinases. 2007 , 81, 11917-24	55
1361	The deubiquitinating enzyme USP11 controls an IkappaB kinase alpha (IKKalpha)-p53 signaling pathway in response to tumor necrosis factor alpha (TNFalpha). 2007 , 282, 33943-8	56
1360	Regulation of IkappaB kinase epsilon expression by the androgen receptor and the nuclear factor-kappaB transcription factor in prostate cancer. 2007 , 5, 87-94	16
1359	Embelin, an inhibitor of X chromosome-linked inhibitor-of-apoptosis protein, blocks nuclear factor-kappaB (NF-kappaB) signaling pathway leading to suppression of NF-kappaB-regulated antiapoptotic and metastatic gene products. 2007 , 71, 209-19	126

1358	Calcium-dependent regulation of NEMO nuclear export in response to genotoxic stimuli. 2007 , 27, 497-509	30
1357	Evidence for actin cytoskeleton-dependent and -independent pathways for RelA/p65 nuclear translocation in endothelial cells. 2007 , 282, 3940-50	54
1356	Inhibition of NF-kappaB activation reduces the tissue effects of transgenic IL-13. 2007 , 179, 7030-41	35
1355	Phosphorylation of Bcl10 negatively regulates T-cell receptor-mediated NF-kappaB activation. 2007 , 27, 5235-45	34
1354	IkappaB kinase subunits alpha and gamma are required for activation of NF-kappaB and induction of apoptosis by mammalian reovirus. 2007 , 81, 1360-71	49
1353	NF-kappa B prevents beta cell death and autoimmune diabetes in NOD mice. 2007 , 104, 1913-8	105
1352	NF-kappa B p50/p65 affects the frequency of Ly49 gene expression by NK cells. 2007 , 179, 1751-9	8
1351	Simvastatin potentiates TNF-alpha-induced apoptosis through the down-regulation of NF-kappaB-dependent antiapoptotic gene products: role of IkappaBalpha kinase and TGF-beta-activated kinase-1. 2007 , 178, 2507-16	87
1350	Gamma-tocotrienol inhibits nuclear factor-kappaB signaling pathway through inhibition of receptor-interacting protein and TAK1 leading to suppression of antiapoptotic gene products and potentiation of apoptosis. 2007 , 282, 809-20	198
1349	Keratinocyte growth factor/fibroblast growth factor-7-regulated cell migration and invasion through activation of NF-kappaB transcription factors. 2007 , 282, 6001-11	70
1348	NF-kappaB-inducing kinase regulates cyclooxygenase 2 gene expression in macrophages by phosphorylation of PU.1. 2007 , 179, 7868-75	9
1347	Synergism between NF-kappa B1/p50 and Notch2 during the development of marginal zone B lymphocytes. 2007 , 179, 195-200	62
1346	Connecting TNF-alpha signaling pathways to iNOS expression in a mouse model of Alzheimer's disease: relevance for the behavioral and synaptic deficits induced by amyloid beta protein. 2007 , 27, 5394-404	238
1345	Heptad repeats regulate protein phosphatase 2a recruitment to I-kappaB kinase gamma/NF-kappaB essential modulator and are targeted by human T-lymphotropic virus type 1 tax. 2007 , 282, 12119-26	21
1344	IkappaB-alpha represses the transcriptional activity of the HIV-1 Tat transactivator by promoting its nuclear export. 2007 , 282, 37146-57	19
1343	A novel mutation in the Nfkb2 gene generates an NF-kappa B2 "super repressor". 2007 , 179, 7514-22	64
1342	Epigenetic silencing of tumor necrosis factor alpha during endotoxin tolerance. 2007 , 282, 26857-26864	104
1341	Targeted deletion of MKK4 gene potentiates TNF-induced apoptosis through the down-regulation of NF-kappa B activation and NF-kappa B-regulated antiapoptotic gene products. 2007 , 179, 1926-33	20

1340	MAPK p38 regulates transcriptional activity of NF-kappaB in primary human astrocytes via acetylation of p65. 2007 , 179, 7101-9	161
1339	IkappaB kinase alpha kinase activity is required for self-renewal of ErbB2/Her2-transformed mammary tumor-initiating cells. 2007 , 104, 15852-7	133
1338	Selective inhibition of IkappaB kinase sensitizes mantle cell lymphoma B cells to TRAIL by decreasing cellular FLIP level. 2007 , 178, 1923-30	75
1337	Bruton's tyrosine kinase mediates NF-kappa B activation and B cell survival by B cell-activating factor receptor of the TNF-R family. 2007 , 179, 3872-80	87
1336	Cutting edge: The IkappaB kinase (IKK) inhibitor, NEMO-binding domain peptide, blocks inflammatory injury in murine colitis. 2007 , 179, 2681-5	113
1335	The role of IkappaB kinase 2, but not activation of NF-kappaB, in the release of CXCR3 ligands from IFN-gamma-stimulated human bronchial epithelial cells. 2007 , 179, 6237-45	36
1334	Nitric oxide and peroxynitrite in health and disease. 2007 , 87, 315-424	4407
1333	PULSES AND CHAOS: DYNAMICAL RESPONSE IN A SIMPLE GENETIC OSCILLATOR. 2007 , 21, 4083-4090	5
1332	Hydrogen sulfide acts as an inflammatory mediator in cecal ligation and puncture-induced sepsis in mice by upregulating the production of cytokines and chemokines via NF-kappaB. 2007 , 292, L960-71	133
1331	Nuclear factor-kappa B: from clone to clinic. 2007 , 7, 619-37	114
1330	Towards the development of tumor necrosis factor (TNF) sensitizers: making TNF work against cancer. 2007 , 13, 537-51	15
1329	Surfactant protein A activation of atypical protein kinase C zeta in IkappaB-alpha-dependent anti-inflammatory immune regulation. 2007 , 179, 4480-91	24
1328	Exposure to hydrogen peroxide diminishes NF-kappaB activation, IkappaB-alpha degradation, and proteasome activity in neutrophils. 2007 , 293, C255-66	57
1327	Developmentally regulated tumor necrosis factor-alpha induced nuclear factor-kappaB activation in intestinal epithelium. 2007 , 292, G1411-9	29
1326	Targeting of nuclear factor-kappaB and proteasome by dithiocarbamate complexes with metals. 2007 , 13, 3155-67	110
1325	ATM-NF-kappaB connection as a target for tumor radiosensitization. 2007 , 7, 335-42	51
1324	Humulone inhibits phorbol ester-induced COX-2 expression in mouse skin by blocking activation of NF-kappaB and AP-1: IkappaB kinase and c-Jun-N-terminal kinase as respective potential upstream targets. 2007 , 28, 1491-8	60
1323	Antitumor activity of CTFB, a novel anticancer agent, is associated with the down-regulation of nuclear factor-kappaB expression and proteasome activation in head and neck squamous carcinoma cell lines. 2007 , 6, 1898-908	11

1322	A nuclear factor-kappaB inhibitor pyrrolidine dithiocarbamate ameliorates pulmonary hypertension in rats. 2007 , 132, 1265-74	79
1321	Herpes simplex virus blocks Fas-mediated apoptosis independent of viral activation of NF-kappaB in human epithelial HEp-2 cells. 2007 , 27, 365-76	7
1320	Death of memory T-cell subsets in humans: changes during aging. 2007 , 3, 637-45	5
1319	Visfatin, an adipocytokine with proinflammatory and immunomodulating properties. 2007 , 178, 1748-58	650
1318	RBCK1 negatively regulates tumor necrosis factor- and interleukin-1-triggered NF-kappaB activation by targeting TAB2/3 for degradation. 2007 , 282, 16776-82	52
1317	Molecular basis for the unique specificity of TRAF6. 2007 , 597, 122-30	56
1316	Nuclear factor-kappaB activation: a molecular therapeutic target for estrogen receptor-negative and epidermal growth factor receptor family receptor-positive human breast cancer. 2007 , 6, 1973-82	71
1315	High-content classification of nucleocytoplasmic import or export inhibitors. 2007 , 12, 621-7	7
1314	Withaferin a strongly elicits IkappaB kinase beta hyperphosphorylation concomitant with potent inhibition of its kinase activity. 2007 , 282, 4253-4264	234
1313	Characterization of the IkappaB-like gene family in polydnviruses associated with wasps belonging to different Braconid subfamilies. 2007 , 88, 92-104	59
1312	Morin (3,5,7,2',4'-Pentahydroxyflavone) abolishes nuclear factor-kappaB activation induced by various carcinogens and inflammatory stimuli, leading to suppression of nuclear factor-kappaB-regulated gene expression and up-regulation of apoptosis. 2007 , 13, 2290-7	98
1311	Mitogen-activated protein kinase kinase-4 promotes cell survival by decreasing PTEN expression through an NF kappa B-dependent pathway. 2007 , 282, 3507-19	80
1310	Activation of a nuclear factor kappaB/interleukin-1 positive feedback loop by amphiregulin in human breast cancer cells. 2007 , 5, 847-61	50
1309	Ubiquitin-conjugating enzyme Ubc13 is a critical component of TNF receptor-associated factor (TRAF)-mediated inflammatory responses. 2007 , 104, 6371-6	92
1308	Control of specificity and magnitude of NF-kappa B and STAT1-mediated gene activation through PIASy and PIAS1 cooperation. 2007 , 104, 11643-8	69
1307	Development of rituximab-resistant lymphoma clones with altered cell signaling and cross-resistance to chemotherapy. 2007 , 67, 1270-81	139
1306	Ozonized low density lipoprotein (ozLDL) inhibits NF-kappaB and IRAK-1-associated signaling. 2007 , 27, 226-32	14
1305	Deficiency of NRH:quinone oxidoreductase 2 differentially regulates TNF signaling in keratinocytes: up-regulation of apoptosis correlates with down-regulation of cell survival kinases. 2007 , 67, 10004-11	25

1304	Endothelial NF-kappaB as a mediator of kidney damage: the missing link between systemic vascular and renal disease?. 2007 , 101, 227-9	34
1303	Induction of epidermal growth factor receptor expression by Epstein-Barr virus latent membrane protein 1 C-terminal-activating region 1 is mediated by NF-kappaB p50 homodimer/Bcl-3 complexes. 2007 , 81, 12954-61	46
1302	An environmental quinoid polycyclic aromatic hydrocarbon, acenaphthenequinone, modulates cyclooxygenase-2 expression through reactive oxygen species generation and nuclear factor kappa B activation in A549 cells. 2007 , 95, 348-55	47
1301	Constitutive IKK2 activation in acinar cells is sufficient to induce pancreatitis in vivo. 2007 , 117, 1502-13	91
1300	TNF receptor-associated factor 2-dependent canonical pathway is crucial for the development of Peyer's patches. 2007 , 178, 2272-7	14
1299	TLR2 signaling renders quiescent naive and memory CD4+ T cells more susceptible to productive infection with X4 and R5 HIV-type 1. 2007 , 179, 4357-66	41
1298	Systemic targeting inhibitor of kappaB kinase inhibits melanoma tumor growth. 2007 , 67, 3127-34	45
1297	Antiapoptotic effects of progastrin on pancreatic cancer cells are mediated by sustained activation of nuclear factor-{kappa}B. 2007 , 67, 7266-74	35
1296	UXT is a novel and essential cofactor in the NF-kappaB transcriptional enhanceosome. 2007 , 178, 231-44	46
1295	Inhibition of the ubiquitin-proteasome system induces stress granule formation. 2007 , 18, 2603-18	185
1294	Nuclear factor kappaB p65 phosphorylation in orthodontic tooth movement. 2007 , 86, 556-9	5
1293	Suppression of RelB-mediated manganese superoxide dismutase expression reveals a primary mechanism for radiosensitization effect of 1alpha,25-dihydroxyvitamin D(3) in prostate cancer cells. 2007 , 6, 2048-56	48
1292	Acrolein inhibits cytokine gene expression by alkylating cysteine and arginine residues in the NF-kappaB1 DNA binding domain. 2007 , 282, 19666-75	94
1291	RIP1-mediated AIP1 phosphorylation at a 14-3-3-binding site is critical for tumor necrosis factor-induced ASK1-JNK/p38 activation. 2007 , 282, 14788-96	63
1290	Glutathione depletion down-regulates tumor necrosis factor alpha-induced NF-kappaB activity via IkappaB kinase-dependent and -independent mechanisms. 2007 , 282, 29470-81	57
1289	Role of NF-kappaB in constitutive expression of MAIL in epidermal keratinocytes. 2007 , 69, 279-84	5
1288	IKKalpha in the regulation of inflammation and adaptive immunity. 2007 , 35, 270-2	22
1287	Mechanisms for the role of tetrahydrobiopterin in endothelial function and vascular disease. 2007 , 113, 47-63	149

1286	Gambogic acid, a novel ligand for transferrin receptor, potentiates TNF-induced apoptosis through modulation of the nuclear factor-kappaB signaling pathway. 2007 , 110, 3517-25	220
1285	Apoptotic cells induce Mer tyrosine kinase-dependent blockade of NF-kappaB activation in dendritic cells. 2007 , 109, 653-60	163
1284	BAFF and APRIL support chronic lymphocytic leukemia B-cell survival through activation of the canonical NF-kappaB pathway. 2007 , 109, 703-10	179
1283	Celastrol, a novel triterpene, potentiates TNF-induced apoptosis and suppresses invasion of tumor cells by inhibiting NF-kappaB-regulated gene products and TAK1-mediated NF-kappaB activation. 2007 , 109, 2727-35	276
1282	Lymphotoxin a-dependent and -independent signals regulate stromal organizer cell homeostasis during lymph node organogenesis. 2007 , 110, 1950-9	52
1281	Rapid and selective death of leukemia stem and progenitor cells induced by the compound 4-benzyl, 2-methyl, 1,2,4-thiadiazolidine, 3,5 dione (TDZD-8). 2007 , 110, 4436-44	94
1280	Enhanced heat shock protein 70 expression alters proteasomal degradation of IkappaB kinase in experimental acute respiratory distress syndrome. 2007 , 35, 2128-38	88
1279	CCAAT displacement protein regulates nuclear factor-kappa beta-mediated chemokine transcription in melanoma cells. 2007 , 17, 91-103	15
1278	Curcumin downregulates the constitutive activity of NF-kappaB and induces apoptosis in novel mouse melanoma cells. 2007 , 17, 274-83	93
1277	Nuclear factor-kappaB signaling contributes to severe, but not moderate, angiotensin II-induced left ventricular remodeling. 2007 , 25, 1927-39	18
1276	Inhibitor of NF kappa B alpha is a host sensor of coxsackievirus infection. 2007 , 6, 503-6	6
1275	NF-kappaB, IkappaB, and IRAK control glutamate receptor density at the Drosophila NMJ. 2007 , 55, 859-73	55
1274	Neuroprotective role of the innate immune system by microglia. 2007 , 147, 867-83	268
1273	Regulation of NF-kappaB activation and nuclear translocation by exogenous nitric oxide (NO) donors in TNF-alpha activated vascular endothelial cells. 2007 , 16, 379-91	22
1272	Thymoquinone attenuates proinflammatory responses in lipopolysaccharide-activated mast cells by modulating NF-kappaB nuclear transactivation. 2007 , 1770, 556-64	59
1271	Diacylglycerol kinase alpha suppresses tumor necrosis factor-alpha-induced apoptosis of human melanoma cells through NF-kappaB activation. 2007 , 1771, 462-74	57
1270	Anti-inflammatory effects of hydroxycinnamic acid derivatives. 2007 , 358, 615-9	105
1269	The oncoprotein gankyrin interacts with RelA and suppresses NF-kappaB activity. 2007 , 363, 879-84	31

1268	Poly (ADP-ribose) polymerase inhibitor 3-aminobenzamide rescues N-methyl-N-nitrosourea-induced photoreceptor cell apoptosis in Sprague-Dawley rats through preservation of nuclear factor-kappaB activity. 2007 , 84, 285-92		27
1267	A fourth IkappaB protein within the NF-kappaB signaling module. <i>Cell</i> , 2007 , 128, 369-81	56.2	318
1266	Proinflammatory stimuli induce IKKalpha-mediated phosphorylation of PIAS1 to restrict inflammation and immunity. <i>Cell</i> , 2007 , 129, 903-14	56.2	128
1265	NF-kappaB is a negative regulator of IL-1beta secretion as revealed by genetic and pharmacological inhibition of IKKbeta. <i>Cell</i> , 2007 , 130, 918-31	56.2	488
1264	Ribosomal protein S3: a KH domain subunit in NF-kappaB complexes that mediates selective gene regulation. <i>Cell</i> , 2007 , 131, 927-39	56.2	254
1263	The role of pro-inflammatory cytokines in cancer treatment-induced alimentary tract mucositis: pathobiology, animal models and cytotoxic drugs. 2007 , 33, 448-60		200
1262	Characterization of a RelNF-kappaB homologue in a gastropod abalone, <i>Haliotis diversicolor supertexta</i> . 2007 , 31, 121-31		60
1261	Rational bases for the development of EGFR inhibitors for cancer treatment. 2007 , 39, 1416-31		95
1260	The dsRNA protein kinase PKR: virus and cell control. 2007 , 89, 799-811		447
1259	The molecular understanding of osteoclast differentiation. 2007 , 40, 251-64		966
1258	Progesterone improves acute recovery after traumatic brain injury in the aged rat. 2007 , 24, 1475-86		135
1257	HMC05, herbal extract, inhibits NF-kappaB expression in lipopolysaccharide treated macrophages and reduces atherosclerotic lesions in cholesterol fed mice. 2007 , 114, 316-24		18
1256	The role of NF-kappaB in hepatocarcinogenesis: promoter or suppressor?. 2007 , 47, 307-9		17
1255	Inhibition of NF-kappaB acetylation and its transcriptional activity by Daxx. 2007 , 368, 388-97		45
1254	X-ray structure of a NF-kappaB p50/RelB/DNA complex reveals assembly of multiple dimers on tandem kappaB sites. 2007 , 373, 723-34		43
1253	Bee venom and melittin reduce proinflammatory mediators in lipopolysaccharide-stimulated BV2 microglia. 2007 , 7, 1092-101		102
1252	Modulation of human monocyte-derived dendritic cells maturation by a soluble guanylate cyclase activator, YC-1, in a cyclic nucleotide independent manner. 2007 , 7, 1299-310		6
1251	Post-translational modifications regulate distinct functions of CARMA1 and BCL10. 2007 , 28, 281-8		39

1250	p53 and NF-kappaB crosstalk: IKKalpha tips the balance. 2007 , 26, 158-9	84
1249	Involvement of different nuclear hormone receptors in butyrate-mediated inhibition of inducible NF kappa B signalling. 2007 , 44, 3625-32	100
1248	Suppressive effect of reactive oxygen species on CD40-induced B cell activation. 2007 , 581, 5043-9	12
1247	Fisetin, an inhibitor of cyclin-dependent kinase 6, down-regulates nuclear factor-kappaB-regulated cell proliferation, antiapoptotic and metastatic gene products through the suppression of TAK-1 and receptor-interacting protein-regulated IkappaBalpha kinase activation. 2007 , 71, 1703-14	166
1246	Interleukin-1 Family of Cytokines and Cancer. 2007 , 113-133	
1245	NF-kappa B as a target for cancer therapy. 2007 , 11, 133-44	79
1244	mda-9/Syntenin regulates the metastatic phenotype in human melanoma cells by activating nuclear factor-kappaB. 2007 , 67, 1812-22	72
1243	Curcumin inhibits tumor growth and angiogenesis in ovarian carcinoma by targeting the nuclear factor-kappaB pathway. 2007 , 13, 3423-30	337
1242	Enhancement of NF-kappaB expression and activity upon differentiation of human embryonic stem cell line SNUhES3. 2007 , 16, 615-23	50
1241	Despite inhibition of nuclear localization of NF-kappa B p65, c-Rel, and RelB, 17-beta estradiol up-regulates NF-kappa B signaling in mouse splenocytes: the potential role of Bcl-3. 2007 , 179, 1776-83	55
1240	LPS-induced down-regulation of signal regulatory protein {alpha} contributes to innate immune activation in macrophages. 2007 , 204, 2719-31	94
1239	Impact of progesterone on cytokine-stimulated nuclear factor-kappaB signaling in HeLa cells. 2007 , 20, 23-8	6
1238	Tyrosine nitration of IkappaBalpha: a novel mechanism for NF-kappaB activation. 2007 , 46, 11671-83	76
1237	Proteomic mapping of stimulus-specific signaling pathways involved in THP-1 cells exposed to Porphyromonas gingivalis or its purified components. 2007 , 6, 2211-21	26
1236	Essential role for caspase-8 in Toll-like receptors and NFkappaB signaling. 2007 , 282, 7416-23	122
1235	Pro-inflammatory cytokines and their effects in the dentate gyrus. 2007 , 163, 339-54	151
1234	Endothelial function and dysfunction: testing and clinical relevance. 2007 , 115, 1285-95	1647
1233	NF-kappa B as a therapeutic target in autoimmune disease. 2007 , 11, 111-22	41

1232	Protein kinase C theta (PKCtheta): a key player in T cell life and death. 2007 , 55, 537-44	142
1231	Basal shuttle of NF-kappaB/I kappaB alpha in resting T lymphocytes regulates HIV-1 LTR dependent expression. 2007 , 4, 56	32
1230	Pin1 interacts with a specific serine-proline motif of hepatitis B virus X-protein to enhance hepatocarcinogenesis. 2007 , 132, 1088-103	101
1229	Hepatocyte-specific IKK gamma/NEMO expression determines the degree of liver injury. 2007 , 132, 2504-17	79
1228	Of mice and NASH From fat to inflammation and fibrosis. 2007 , 4, 25-30	2
1227	Heterozygous N-terminal deletion of IkappaBalpha results in functional nuclear factor kappaB haploinsufficiency, ectodermal dysplasia, and immune deficiency. 2007 , 120, 900-7	67
1226	Analgesic, Anti-inflammatory, and Anti-pyretic Activity. 2007 , 983-1116	2
1225	Glucocorticoid Signaling in Health and Disease. 2007 , 7, 33-53	1
1224	Activation of hippocampal nuclear factor-kappa B by retrieval is required for memory reconsolidation. 2007 , 27, 13436-45	68
1223	Transcription factor NF-kappaB is transported to the nucleus via cytoplasmic dynein/dynactin motor complex in hippocampal neurons. 2007 , 2, e589	80
1222	Neuroadaptations in human chronic alcoholics: dysregulation of the NF-kappaB system. 2007 , 2, e930	67
1221	Signaling Chains. 2007 , 189-214	
1220	Aqueous extract of Magnolia officinalis mediates proliferative capacity, p21WAF1 expression and TNF-Induced NF-B activity in human urinary bladder cancer 5637 cells; involvement of p38 MAP kinase. 2007 ,	0
1219	TLR2 and TLR4 as Potential Biomarkers of Environmental Particulate Matter Exposed Human Myeloid Dendritic Cells. 2007 , 2, 117727190700200	15
1218	Genomics. 2007 , 1-25	
1217	Kinases as Drug Targets in Inflammation: In Vitro and In Vivo Target Validation and Expression Profiling. 2007 , 6, 19-27	
1216	Inhibitory effects of saikosaponin-d on CCl4-induced hepatic fibrogenesis in rats. 2007 , 13, 557-63	67
1215	NFkappaB is persistently activated in continuously stimulated human neutrophils. 2007 , 13, 134-42	34

1214 Nuclear Factor- κ B Signaling in Endothelium. 784-795

1213 Kinase independent inhibition of NF κ B transcriptional activity by GRK5 through I κ B stabilization.. **2007,**

1212 A20 inhibits human salivary adenoid cystic carcinoma cells invasion via blocking nuclear factor- κ B activation. **2007,** 120, 1830-1835 12

1211 Cylindromatosis and the CYLD gene: new lessons on the molecular principles of epithelial growth control. **2007,** 29, 1203-14 55

1210 Use of molecular imaging to quantify response to IKK-2 inhibitor treatment in murine arthritis. **2007,** 56, 117-28 51

1209 Inhibition of heat shock protein-90 modulates multiple functions required for survival of human T-cell leukemia virus type I-infected T-cell lines and adult T-cell leukemia cells. **2007,** 120, 1811-20 16

1208 Androgen receptor targets NF κ B and TSP1 to suppress prostate tumor growth in vivo. **2007,** 121, 999-1008 50

1207 Association of p65 and C/EBP β with HIV-1 LTR modulates transcription of the viral promoter. **2007,** 100, 1210-6 28

1206 Role of atypical protein kinase C isozymes and NF- κ B in IL-1 β -induced expression of cyclooxygenase-2 in human myometrial smooth muscle cells. **2007,** 210, 637-43 23

1205 Role of human LZIP in differential activation of the NF- κ B pathway that is induced by CCR1-dependent chemokines. **2007,** 211, 630-7 14

1204 Quinacrine inhibits the epidermal dendritic cell migration initiating T cell-mediated skin inflammation. **2007,** 37, 2257-67 21

1203 TREM-1 expression in macrophages is regulated at transcriptional level by NF- κ B and PU.1. **2007,** 37, 2300-8 69

1202 GSNO attenuates EAE disease by S-nitrosylation-mediated modulation of endothelial-monocyte interactions. **2007,** 55, 65-77 79

1201 On the TRAIL to therapeutic intervention in liver disease. **2007,** 46, 266-74 32

1200 Mechanisms of synthetic serine protease inhibitor (FUT-175)-mediated cell death. **2007,** 109, 2142-53 35

1199 Downregulation of NF- κ B activation in a H4IIE transfectant insensitive to doxorubicin-induced apoptosis. **2007,** 232, 89-98 8

1198 The transcription factor nuclear factor- κ B and cancer. **2007,** 19, 154-61 169

1197 Paraliane and pepluane diterpenes as anti-inflammatory agents: first insights in structure-activity relationships. **2007,** 17, 4196-200 24

1196	Outer membrane protein A of Escherichia coli K1 selectively enhances the expression of intercellular adhesion molecule-1 in brain microvascular endothelial cells. 2007 , 9, 547-57	19
1195	Signal transduction by the Epstein-Barr virus oncogene latent membrane protein 1 (LMP1). 2007 , 7, 20-33	16
1194	Crosstalk between NF-kappaB/p65 and beta-catenin/TCF4/p300 signalling pathways through alterations in GSK-3beta expression during trans-differentiation of endometrial carcinoma cells. 2007 , 213, 35-45	45
1193	NF-kappaB represses E-cadherin expression and enhances epithelial to mesenchymal transition of mammary epithelial cells: potential involvement of ZEB-1 and ZEB-2. 2007 , 26, 711-24	477
1192	Genetic deletion of PKR abrogates TNF-induced activation of IkappaBalpha kinase, JNK, Akt and cell proliferation but potentiates p44/p42 MAPK and p38 MAPK activation. 2007 , 26, 1201-12	90
1191	Evidence that TNF-TNFR1-TRADD-TRAF2-RIP-TAK1-IKK pathway mediates constitutive NF-kappaB activation and proliferation in human head and neck squamous cell carcinoma. 2007 , 26, 1385-97	162
1190	Inhibition of NEMO, the regulatory subunit of the IKK complex, induces apoptosis in high-risk myelodysplastic syndrome and acute myeloid leukemia. 2007 , 26, 2299-307	42
1189	Phosphatidylinositol 3-kinase/Akt signaling mediates interleukin-6 protection against p53-induced apoptosis in M1 myeloid leukemic cells. 2007 , 26, 3041-50	11
1188	Rituximab-induced inhibition of antiapoptotic cell survival pathways: implications in chemo/immuno-resistance, rituximab unresponsiveness, prognostic and novel therapeutic interventions. 2007 , 26, 3629-36	165
1187	Wiring the cell signaling circuitry by the NF-kappa B and JNK1 crosstalk and its applications in human diseases. 2007 , 26, 3267-78	62
1186	Knockdown of astrocyte-elevated gene-1 inhibits prostate cancer progression through upregulation of FOXO3a activity. 2007 , 26, 7647-55	193
1185	PDLIM2-mediated termination of transcription factor NF-kappaB activation by intranuclear sequestration and degradation of the p65 subunit. 2007 , 8, 584-91	228
1184	MALT1 directs B cell receptor-induced canonical nuclear factor-kappaB signaling selectively to the c-Rel subunit. 2007 , 8, 984-91	69
1183	Notch signalling during peripheral T-cell activation and differentiation. 2007 , 7, 64-75	177
1182	Life and death in peripheral T cells. 2007 , 7, 532-42	473
1181	Requirement for O-linked N-acetylglucosaminyltransferase in lymphocytes activation. 2007 , 26, 4368-79	142
1180	HaCaT keratinocytes overexpressing the S100 proteins S100A8 and S100A9 show increased NADPH oxidase and NF-kappaB activities. 2007 , 127, 2001-11	69
1179	Epithelial-cell-intrinsic IKK-beta expression regulates intestinal immune homeostasis. 2007 , 446, 552-6	429

1178	Epithelial NEMO links innate immunity to chronic intestinal inflammation. 2007 , 446, 557-61	842
1177	Leishmania promastigotes activate PI3K/Akt signalling to confer host cell resistance to apoptosis. 2007 , 9, 84-96	108
1176	Anti-apoptotic signalling by the Dot/Icm secretion system of <i>L. pneumophila</i> . 2007 , 9, 246-64	111
1175	Coxsackievirus B3 activates nuclear factor kappa B transcription factor via a phosphatidylinositol-3 kinase/protein kinase B-dependent pathway to improve host cell viability. 2007 , 9, 2358-71	39
1174	Suicide prevention: disruption of apoptotic pathways by protozoan parasites. 2007 , 64, 904-16	71
1173	Interleukin-13-induced type II polarization of inflammatory macrophages is mediated through suppression of nuclear factor-kappaB and preservation of IkappaBalpha in a T cell lymphoma. 2007 , 149, 378-86	14
1172	Interferon-gamma sensitizes hepatitis B virus-expressing hepatocarcinoma cells to 5-fluorouracil through inhibition of hepatitis B virus-mediated nuclear factor-kappaB activation. 2007 , 98, 1758-66	11
1171	Protein kinase C and human uterine contractility. 2007 , 7 Suppl 1, S11	9
1170	Enhanced NF kappa B and AP-1 transcriptional activity associated with antiestrogen resistant breast cancer. 2007 , 7, 59	153
1169	Susceptibility of naive and subsets of memory T cells to apoptosis via multiple signaling pathways. 2007 , 6, 476-81	16
1168	Expression of the human CMP-NeuAc:GM3 alpha2,8-sialyltransferase (GD3 synthase) gene through the NF-kappaB activation in human melanoma SK-MEL-2 cells. 2007 , 1769, 622-30	26
1167	Activation of human T lymphocytes via integrin signaling induced by RGD-disintegrins. 2007 , 1773, 176-84	18
1166	Suppression of NF-kappaB activation by curcumin leads to inhibition of expression of cyclo-oxygenase-2 and matrix metalloproteinase-9 in human articular chondrocytes: Implications for the treatment of osteoarthritis. 2007 , 73, 1434-45	263
1165	Isoliquiritigenin inhibits IkappaB kinase activity and ROS generation to block TNF-alpha induced expression of cell adhesion molecules on human endothelial cells. 2007 , 73, 1602-12	98
1164	Inhibition of GSK-3beta mediates expression of MMP-9 through ERK1/2 activation and translocation of NF-kappaB in rat primary astrocyte. 2007 , 1186, 12-20	40
1163	Deletion of NEMO/IKKgamma in liver parenchymal cells causes steatohepatitis and hepatocellular carcinoma. 2007 , 11, 119-32	505
1162	Frequent engagement of the classical and alternative NF-kappaB pathways by diverse genetic abnormalities in multiple myeloma. 2007 , 12, 115-30	789
1161	Pertussis toxin-induced cytokine differentiation and clonal expansion of T cells is mediated predominantly via costimulation. 2007 , 246, 46-54	12

1160	IKKalpha and IKKbeta function in TNFalpha-stimulated adhesion molecule expression in human aortic smooth muscle cells. 2007 , 19, 75-80	12
1159	BK-induced COX-2 expression via PKC-delta-dependent activation of p42/p44 MAPK and NF-kappaB in astrocytes. 2007 , 19, 330-40	63
1158	Differential regulation of p65 and c-Rel NF-kappaB transactivating activity by Cot, protein kinase C zeta and NIK protein kinases in CD3/CD28 activated T cells. 2007 , 19, 528-37	19
1157	Polyglutamine-expanded ataxin-7 decreases nuclear translocation of NF-kappaB p65 and impairs NF-kappaB activity by inhibiting proteasome activity of cerebellar neurons. 2007 , 19, 573-81	16
1156	Mechanisms underlying the inhibitory actions of the pentacyclic triterpene alpha-amyrin in the mouse skin inflammation induced by phorbol ester 12-O-tetradecanoylphorbol-13-acetate. 2007 , 559, 227-35	87
1155	Piperine inhibits TNF-alpha induced adhesion of neutrophils to endothelial monolayer through suppression of NF-kappaB and IkappaB kinase activation. 2007 , 575, 177-86	100
1154	Antioxidant signaling in skeletal muscle: a brief review. 2007 , 42, 582-93	126
1153	Activation of non-canonical NF-kappaB pathway mediated by STP-A11, an oncoprotein of Herpesvirus saimiri. 2007 , 359, 37-45	10
1152	The role and regulation of the nuclear factor kappa B signalling pathway in human labour. 2007 , 28, 543-56	101
1151	Cloning and characterization of two Campoletis chloridae ichnovirus vankyrin genes expressed in parasitized host Helicoverpa armigera. 2007 , 53, 699-707	16
1150	Signaling pathways leading to the activation of IKK and MAPK by thymosin alpha1. 2007 , 1112, 339-50	16
1149	NF-kappaB as a potential molecular target for cancer therapy. 2007 , 29, 19-35	212
1148	Death Receptors. 2006 , 219-261	1
1147	Regulation of NF-B Function. 2007 , 239-262	2
1146	Cellular immune reaction in the pancreas is induced by constitutively active IkappaB kinase-2. 2007 , 56, 227-36	30
1145	[Classification and pathogenesis of malignant lymphomas]. 2007 , 48, 351-61	5
1144	Many faces of NF-kappaB signaling induced by genotoxic stress. 2007 , 85, 1187-202	112
1143	Disifin (sodium tosylchloramide) and Toll-like receptors (TLRs): evolving importance in health and diseases. 2007 , 34, 751-62	6

1142	Subversion of innate and adaptive immune responses by <i>Toxoplasma gondii</i> . 2007 , 100, 191-203	100
1141	Ab initio study of gas phase and water-assisted tautomerization of maleimide and formamide. 2007 , 119, 617-624	12
1140	3D-QSAR and molecular docking studies on pyrazolopyrimidine derivatives as glycogen synthase kinase-3beta inhibitors. 2007 , 25, 885-95	31
1139	Concepts of activated T cell death. 2008 , 66, 52-64	96
1138	Inactivation of NF-kappaB by proteasome inhibition contributes to increased apoptosis induced by histone deacetylase inhibitors in human breast cancer cells. 2008 , 112, 53-62	35
1137	Tetrandrine suppresses LPS-induced astrocyte activation via modulating IKKs-IkappaBalpha-NF-kappaB signaling pathway. 2008 , 315, 41-9	53
1136	Host cell manipulation by the human pathogen <i>Toxoplasma gondii</i> . 2008 , 65, 1900-15	128
1135	Thymosin beta4 and Ac-SDKP: tools to mend a broken heart. 2008 , 86, 29-35	23
1134	NF-kappaB signaling in skeletal muscle: prospects for intervention in muscle diseases. 2008 , 86, 747-59	91
1133	IKK-2 is required for TNF-alpha-induced invasion and proliferation of human mesenchymal stem cells. 2008 , 86, 1183-92	85
1132	Role of nuclear IkappaB proteins in the regulation of host immune responses. 2008 , 14, 265-9	52
1131	Therapy resistant neonatal seizures, linear vesicular rash, and unusually early neuroradiological changes: incontinentia pigmenti: a case report, literature review and insight into pathogenesis. 2008 , 167, 979-83	10
1130	Two specific drugs, BMS-345541 and purvalanol A induce apoptosis of HTLV-1 infected cells through inhibition of the NF-kappaB and cell cycle pathways. 2008 , 5, 12	14
1129	The <i>Drosophila</i> IKK-related kinase (Ik2) and Spindle-F proteins are part of a complex that regulates cytoskeleton organization during oogenesis. 2008 , 9, 51	20
1128	Amyloid beta-peptide activates nuclear factor-kappaB through an N-methyl-D-aspartate signaling pathway in cultured cerebellar cells. 2008 , 86, 845-60	28
1127	Genistein mediated histone acetylation and demethylation activates tumor suppressor genes in prostate cancer cells. 2008 , 123, 552-60	172
1126	Simvastatin, 3-hydroxy-3-methylglutaryl coenzyme A reductase inhibitor, suppresses osteoclastogenesis induced by receptor activator of nuclear factor-kappaB ligand through modulation of NF-kappaB pathway. 2008 , 123, 1733-40	92
1125	The role of nuclear factor-kappaB in rats of radiocontrast-media-induced nephropathy. 2008 , 22, 416-21	8

1124	Inhibition of lipopolysaccharide-induced inducible nitric oxide synthase and cyclooxygenase-2 gene expression by 5-aminoimidazole-4-carboxamide riboside is independent of AMP-activated protein kinase. 2008 , 103, 931-40	71
1123	NF-kappaB and epithelial to mesenchymal transition of cancer. 2008 , 104, 733-44	316
1122	Pregabalin and gabapentin inhibit substance P-induced NF-kappaB activation in neuroblastoma and glioma cells. 2008 , 105, 414-23	30
1121	LRRC4 inhibits glioblastoma cell proliferation, migration, and angiogenesis by downregulating pleiotropic cytokine expression and responses. 2008 , 214, 65-74	29
1120	The c-myc apoptotic response is not intrinsic to blocking terminal myeloid differentiation. 2008 , 216, 120-7	2
1119	Transforming growth factor-activated kinase 1 induced in spinal astrocytes contributes to mechanical hypersensitivity after nerve injury. 2008 , 56, 723-33	56
1118	Stress as a neuroinflammatory condition in brain: damaging and protective mechanisms. 2008 , 32, 1136-51	217
1117	Activator protein 1-mediated expression of monocyte chemoattractant protein 1 in cultured rat luteal cells. 2008 , 75, 1077-84	4
1116	Innate immune modulation of keratinocytes by antikeratin 16 antibodies. 2008 , 17, 645-52	17
1115	Molecular aspects of rheumatoid arthritis: role of transcription factors. 2008 , 275, 4463-70	65
1114	The IkappaB kinase - a bridge between inflammation and cancer. 2008 , 18, 334-42	229
1113	Induction of a pro-apoptotic ATM-NF-kappaB pathway and its repression by ATR in response to replication stress. 2008 , 27, 1963-73	65
1112	Altered subcellular distribution of MSK1 induced by glucocorticoids contributes to NF-kappaB inhibition. 2008 , 27, 1682-93	74
1111	Reactive oxygen species in tumor necrosis factor-alpha-activated primary human keratinocytes: implications for psoriasis and inflammatory skin disease. 2008 , 128, 2606-2614	139
1110	Increase sensitivity to chemotherapeutical agents and cytoplasmatic interaction between NPM leukemic mutant and NF-kappaB in AML carrying NPM1 mutations. 2008 , 22, 1234-40	38
1109	Origin and physiological roles of inflammation. 2008 , 454, 428-35	3569
1108	PMX464, a thiol-reactive quinol and putative thioredoxin inhibitor, inhibits NF-kappaB-dependent proinflammatory activation of alveolar epithelial cells. 2008 , 155, 661-72	14
1107	Anti-inflammatory effects of liquiritigenin as a consequence of the inhibition of NF-kappaB-dependent iNOS and proinflammatory cytokines production. 2008 , 154, 165-73	184

1106	The p160 nuclear receptor co-activator RAC3 exerts an anti-apoptotic role through a cytoplasmatic action. 2008 , 27, 2430-44	47
1105	Cyclin D1 mediates resistance to apoptosis through upregulation of molecular chaperones and consequent redistribution of cell death regulators. 2008 , 27, 4909-20	42
1104	A nuclear role for Kaposi's sarcoma-associated herpesvirus-encoded K13 protein in gene regulation. 2008 , 27, 5243-53	14
1103	NF-kappaB signaling, liver disease and hepatoprotective agents. 2008 , 27, 6228-44	227
1102	Deactivation of the kinase IKK by CUEDC2 through recruitment of the phosphatase PP1. 2008 , 9, 533-41	117
1101	Nonredundant and complementary functions of TRAF2 and TRAF3 in a ubiquitination cascade that activates NIK-dependent alternative NF-kappaB signaling. 2008 , 9, 1364-70	493
1100	Proteasome inhibition drastically but reversibly impairs murine lymphocyte development. 2008 , 15, 600-12	44
1099	Controlling hair follicle signaling pathways through polyubiquitination. 2008 , 128, 1081-7	10
1098	Understanding signaling cascades in melanoma. 2008 , 84, 289-306	67
1097	Inflammation and cancer: role of nuclear factor-kappaB activation. 2008 , 99, 836-42	177
1096	The regulation of OLFM4 expression in myeloid precursor cells relies on NF-kappaB transcription factor. 2008 , 143, 421-32	39
1095	The profile of gene expression and role of nuclear factor kappa B on glomerular injury in rats with Thy-1 nephritis. 2008 , 152, 559-67	11
1094	Negative regulation of constitutive NF-kappaB and JNK signaling by PKN1-mediated phosphorylation of TRAF1. 2008 , 13, 509-20	29
1093	Accumulation of phosphorylated I kappaB alpha and activated IKK in nodes of Ranvier. 2008 , 34, 357-65	19
1092	Coordinate NF-kappaB and STAT1 activation promotes development of myeloid type 1 dendritic cells. 2008 , 67, 260-9	30
1091	Porcine circovirus type 2 induces the activation of nuclear factor kappa B by IkappaBalph degradation. 2008 , 378, 177-84	46
1090	HIV-2 induces NF-kappaB activation and cyclooxygenase-2 expression in human astroglial cells. 2008 , 380, 144-51	8
1089	RelA/NF-kappaB transcription factor associates with alpha-actinin-4. 2008 , 314, 1030-8	45

1088	Both IKKalpha and IKKbeta are implicated in the arsenite-induced AP-1 transactivation correlating with cell apoptosis through NF-kappaB activity-independent manner. 2008 , 314, 2187-98	15
1087	Differential RelA- and RelB-dependent gene transcription in LTbetaR-stimulated mouse embryonic fibroblasts. 2008 , 9, 606	23
1086	Robust simplifications of multiscale biochemical networks. 2008 , 2, 86	76
1085	Modulation of skeletal muscle antioxidant defense by exercise: Role of redox signaling. 2008 , 44, 142-52	209
1084	NF-kappa B-mediated adaptive resistance to ionizing radiation. 2008 , 44, 1-13	177
1083	Curcumin protects cardiac cells against ischemia-reperfusion injury: effects on oxidative stress, NF-kappaB, and JNK pathways. 2008 , 45, 839-46	59
1082	Anti-inflammatory interventions of NF-kappaB signaling: potential applications and risks. 2008 , 75, 1567-79	82
1081	The phosphatidylinositol 3-kinase/Akt pathway negatively regulates Nod2-mediated NF-kappaB pathway. 2008 , 75, 1515-25	38
1080	Geldanamycin inhibits tyrosine phosphorylation-dependent NF-kappaB activation. 2008 , 75, 2183-91	14
1079	SH-5, an AKT inhibitor potentiates apoptosis and inhibits invasion through the suppression of anti-apoptotic, proliferative and metastatic gene products regulated by IkkappaBalpha kinase activation. 2008 , 76, 1404-16	29
1078	Actin-targeting natural compounds as tools to study the role of actin cytoskeleton in signal transduction. 2008 , 76, 1310-22	54
1077	Resveratrol suppresses interleukin-1beta-induced inflammatory signaling and apoptosis in human articular chondrocytes: potential for use as a novel nutraceutical for the treatment of osteoarthritis. 2008 , 76, 1426-39	161
1076	Actin cytoskeleton differentially modulates NF-kappaB-mediated IL-8 expression in myelomonocytic cells. 2008 , 76, 1214-28	27
1075	Denbinobin, a naturally occurring 1,4-phenanthrenequinone, inhibits HIV-1 replication through an NF-kappaB-dependent pathway. 2008 , 76, 1240-50	32
1074	Comparison between single and combined treatment with candesartan and pioglitazone following transient focal ischemia in rat brain. 2008 , 1208, 225-33	37
1073	The signaling adaptor p62 is an important NF-kappaB mediator in tumorigenesis. 2008 , 13, 343-54	445
1072	Hepatocyte necrosis induced by oxidative stress and IL-1 alpha release mediate carcinogen-induced compensatory proliferation and liver tumorigenesis. 2008 , 14, 156-65	380
1071	IKKalpha is required to maintain skin homeostasis and prevent skin cancer. 2008 , 14, 212-25	90

1070	NUMBL interacts with TAB2 and inhibits TNFalpha and IL-1beta-induced NF-kappaB activation. 2008 , 20, 1044-51	23
1069	The value of proteasome inhibition in cancer. Can the old drug, disulfiram, have a bright new future as a novel proteasome inhibitor?. 2008 , 13, 716-22	64
1068	Restraint stress induces lymphocyte reduction through p53 and PI3K/NF-kappaB pathways. 2008 , 200, 71-6	23
1067	Leukotriene D(4) induces AP-1 but not NFkappaB signaling in intestinal epithelial cells. 2008 , 85, 100-6	3
1066	Structure of a NEMO/IKK-associating domain reveals architecture of the interaction site. 2008 , 16, 798-808	99
1065	Suppression of inflammatory responses by labdane-type diterpenoids. 2008 , 228, 179-89	37
1064	Wires in the soup: quantitative models of cell signaling. 2008 , 18, 112-8	15
1063	Narrowing in on cardiovascular disease: the atheroprotective role of peroxisome proliferator-activated receptor gamma. 2008 , 18, 39-44	12
1062	The resolution of acute inflammation: A tipping point in the development of chronic inflammatory diseases. 2008 , 1-18	7
1061	The c-myc promoter: still Mystery and challenge. 2008 , 99, 113-333	145
1060	Dynamic protein complexes regulate NF-kappaB signaling. 2008 , 237-59	15
1059	Statin modulates insulin signaling and insulin resistance in liver and muscle of rats fed a high-fat diet. 2008 , 57, 57-65	50
1058	Prevalence of bortezomib-resistant constitutive NF-kappaB activity in mantle cell lymphoma. 2008 , 7, 40	50
1057	Membrane androgen receptor activation triggers down-regulation of PI-3K/Akt/NF-kappaB activity and induces apoptotic responses via Bad, FasL and caspase-3 in DU145 prostate cancer cells. 2008 , 7, 88	50
1056	Biogenesis of and activities at the Toxoplasma gondii parasitophorous vacuole membrane. 2008 , 47, 155-64	21
1055	NF-kappaB regulates netrin-1 expression and affects the conditional tumor suppressive activity of the netrin-1 receptors. 2008 , 135, 1248-57	56
1054	Pursuing different 'TRADDes': TRADD signaling induced by TNF-receptor 1 and the Epstein-Barr virus oncoprotein LMP1. 2008 , 389, 1261-71	21
1053	Inactivation of NF-kappaB components by covalent binding of (-)-dehydroxymethylepoxyquinomicin to specific cysteine residues. 2008 , 51, 5780-8	105

1052	Glycine-extended gastrin stimulates proliferation via JAK2- and Akt-dependent NF-kappaB activation in Barrett's oesophageal adenocarcinoma cells. 2008 , 296, 94-102	23
1051	Ankyrin-rich membrane spanning protein plays a critical role in nuclear factor-kappa B signaling. 2008 , 38, 404-16	15
1050	Suppression of lipopolysaccharide-induced of inducible nitric oxide synthase and cyclooxygenase-2 by Sanguis Draconis, a dragon's blood resin, in RAW 264.7 cells. 2008 , 115, 455-62	51
1049	Rac mediates TNF-induced cytokine production via modulation of NF-kappaB. 2008 , 45, 2446-54	62
1048	Laminin activates NF-kappaB in Schwann cells to enhance neurite outgrowth. 2008 , 439, 42-6	38
1047	Immune deficiency or hyperactivity-Nf-kappab illuminates autoimmunity. 2008 , 31, 245-51	50
1046	The zinc finger protein and transcriptional repressor Gfi1 as a regulator of the innate immune response. 2008 , 213, 341-52	18
1045	Inhibition of LPS-induced NO and PGE2 production by asiatic acid via NF-kappa B inactivation in RAW 264.7 macrophages: possible involvement of the IKK and MAPK pathways. 2008 , 8, 431-41	195
1044	Turning NF-kappaB and IRFs on and off in DC. 2008 , 29, 329-36	71
1043	Proteasome inhibitors induce apoptosis of prostate cancer cells by inducing nuclear translocation of IkappaBalpha. 2008 , 475, 156-63	25
1042	Regulation of apoptosis-related genes by nitric oxide in cancer. 2008 , 19, 170-6	50
1041	Nitric oxide synthase isoforms and NF-kappaB activity in normal and osteoarthritic human chondrocytes: regulation by inducible nitric oxide. 2008 , 19, 276-83	33
1040	The opposing effects of n-3 and n-6 fatty acids. 2008 , 47, 147-55	778
1039	Identification of a novel blocker of IkappaBalpha kinase activation that enhances apoptosis and inhibits proliferation and invasion by suppressing nuclear factor-kappaB. 2008 , 7, 191-201	33
1038	Prothrombin fragments containing kringle domains induce migration and activation of human neutrophils. 2008 , 40, 517-29	4
1037	Pioglitazone, a PPARgamma ligand, suppresses NFkappaB activation through inhibition of IkappaB kinase activation in cerulein-treated AR42J cells. 2008 , 62, 466-72	23
1036	Molecular mechanism of manganese exposure-induced dopaminergic toxicity. 2008 , 76, 361-7	67
1035	Contradictory functions of NF-kappaB in liver physiology and cancer. 2008 , 267, 182-8	53

1034	Age-related upregulation of <i>Drosophila</i> caudal gene via NF-kappaB in the adult posterior midgut. 2008 , 1780, 1093-100	22
1033	TNF-induced gene expression oscillates in time. 2008 , 371, 900-5	21
1032	Glutathionylation regulates IkappaB. 2008 , 373, 169-73	51
1031	GS143, an IkappaB ubiquitination inhibitor, inhibits allergic airway inflammation in mice. 2008 , 374, 507-11	10
1030	Shared principles in NF-kappaB signaling. <i>Cell</i> , 2008 , 132, 344-62	56.2 3368
1029	Act1 modulates autoimmunity through its dual functions in CD40L/BAFF and IL-17 signaling. 2008 , 41, 105-13	58
1028	Crosstalk via the NF-kappaB signaling system. 2008 , 19, 187-97	135
1027	Cystic fibrosis transmembrane conductance regulator controls lung proteasomal degradation and nuclear factor-kappaB activity in conditions of oxidative stress. 2008 , 172, 1184-94	11
1026	Short-term heat exposure inhibits inflammation by abrogating recruitment of and nuclear factor-{kappa}B activation in neutrophils exposed to chemotactic cytokines. 2008 , 172, 367-777	15
1025	Changes in the activation level of NF-kappa B in lymphocytes of MS patients during glucocorticoid pulse therapy. 2008 , 264, 145-50	26
1024	Enteral exclusion increases MAP kinase activation and cytokine production in a model of gallstone pancreatitis. 2008 , 8, 6-14	10
1023	Role of the NF-kappaB axis in immune modulation of osteoclasts and bone loss. 2008 , 41, 204-11	40
1022	Miyabenol A inhibits LPS-induced NO production via IKK/IkappaB inactivation in RAW 264.7 macrophages: possible involvement of the p38 and PI3K pathways. 2008 , 56, 8911-8	39
1021	Heat shock proteins 27 and 70 regulating angiotensin II-induced NF-kappaB: a possible connection to blood pressure control?. 2008 , 33, 1042-9	18
1020	Nitric oxide activated by p38 and NF-kappaB facilitates apoptosis and cell cycle arrest under oxidative stress in evodiamine-treated human melanoma A375-S2 cells. 2008 , 42, 1-11	38
1019	Inhibition of human immunodeficiency virus type 1 replication by blocking IkappaB kinase with noraristeromycin. 2008 , 144, 581-9	17
1018	KINK-1, a novel small-molecule inhibitor of IKKbeta, and the susceptibility of melanoma cells to antitumoral treatment. 2008 , 100, 862-75	51
1017	IKKalpha is a critical coregulator of a Smad4-independent TGFbeta-Smad2/3 signaling pathway that controls keratinocyte differentiation. 2008 , 105, 2487-92	128

1016	A distinctive physiological role for IkappaBbeta in the propagation of mitochondrial respiratory stress signaling. 2008 , 283, 12586-94	48
1015	Molecular mechanisms of topical anti-inflammatory effects of lipoxin A(4) in endotoxin-induced uveitis. 2008 , 74, 154-61	44
1014	IL-33, a potent inducer of adaptive immunity to intestinal nematodes. 2008 , 180, 2443-9	308
1013	Hypoxia transcriptionally induces macrophage-inflammatory protein-3alpha/CCL-20 in primary human mononuclear phagocytes through nuclear factor (NF)-kappaB. 2008 , 83, 648-62	45
1012	Elevated levels of beta-D-glucan in bronchoalveolar lavage fluid in patients with farmer's lung in Miyazaki, Japan. 2008 , 75, 182-8	6
1011	Regulation of MyD88-dependent signaling events by S nitrosylation retards toll-like receptor signal transduction and initiation of acute-phase immune responses. 2008 , 28, 1338-47	56
1010	Pinitol targets nuclear factor-kappaB activation pathway leading to inhibition of gene products associated with proliferation, apoptosis, invasion, and angiogenesis. 2008 , 7, 1604-14	106
1009	Activation of IkappaB kinase and NF-kappaB is essential for Helicobacter pylori-induced chronic gastritis in Mongolian gerbils. 2008 , 76, 781-7	20
1008	IkappaB kinase-alpha regulates endothelial cell motility and tumor angiogenesis. 2008 , 68, 10223-8	18
1007	Nuclear factor kappaB mediates the inhibitory effects of interleukin-1 on growth hormone-inducible gene expression. 2008 , 64, 1427-35; discussion 1435-6	4
1006	Nuclear factor-kappaB mediates the inhibitory effects of tumor necrosis factor-alpha on growth hormone-inducible gene expression in liver. 2008 , 149, 6378-88	10
1005	Deacetylases and NF-kappaB in redox regulation of cigarette smoke-induced lung inflammation: epigenetics in pathogenesis of COPD. 2008 , 10, 799-811	111
1004	Transcriptional outcome of Wnt-Frizzled signal transduction in inflammation: evolving concepts. 2008 , 181, 4441-5	58
1003	Pulmonary surfactant protein A regulates TLR expression and activity in human macrophages. 2008 , 180, 7847-58	120
1002	NFkappaB activation is associated with its O-GlcNAcylation state under hyperglycemic conditions. 2008 , 105, 17345-50	177
1001	Signal processing by its coil zipper domain activates IKK gamma. 2008 , 105, 1279-84	53
1000	TLR9-activating DNA up-regulates ZAP70 via sustained PKB induction in IgM+ B cells. 2008 , 181, 8267-77	28
999	Promoter analysis reveals critical roles for SMAD-3 and ATF-2 in expression of IL-23 p19 in macrophages. 2008 , 181, 4523-33	45

998	Interleukin-18-mediated microglia/astrocyte interaction in the spinal cord enhances neuropathic pain processing after nerve injury. 2008 , 28, 12775-87	202
997	Stabilization of RelB requires multidomain interactions with p100/p52. 2008 , 283, 12324-32	52
996	Regulation of I(kappa)B kinase complex by phosphorylation of (gamma)-binding domain of I(kappa)B kinase (beta) by Polo-like kinase 1. 2008 , 283, 35354-67	10
995	Toll-like receptors and leishmaniasis. 2008 , 76, 866-72	94
994	Dual role of NOX2 in respiratory syncytial virus- and sendai virus-induced activation of NF-kappaB in airway epithelial cells. 2008 , 180, 6911-22	70
993	NF-kappaB modulates aquaporin-2 transcription in renal collecting duct principal cells. 2008 , 283, 28095-105	63
992	Mitochondrial respiratory complex I regulates neutrophil activation and severity of lung injury. 2008 , 178, 168-79	123
991	Antileukemia effects of xanthohumol in Bcr/Abl-transformed cells involve nuclear factor-kappaB and p53 modulation. 2008 , 7, 2692-702	63
990	Cdc34-mediated degradation of ATF5 is blocked by cisplatin. 2008 , 283, 18773-81	20
989	Substance P enhances NF-kappaB transactivation and chemokine response in murine macrophages via ERK1/2 and p38 MAPK signaling pathways. 2008 , 294, C1586-96	92
988	Role of gp91phox-containing NADPH oxidase in left ventricular remodeling induced by intermittent hypoxic stress. 2008 , 294, H2197-203	49
987	Current topics in prevention of human T-cell leukemia virus type i infection: NF-kappa B inhibitors and APOBEC3. 2008 , 27, 225-53	7
986	Role of extracellular superoxide in neutrophil activation: interactions between xanthine oxidase and TLR4 induce proinflammatory cytokine production. 2008 , 294, C985-93	61
985	Stimulation of the human CTP:phosphoethanolamine cytidyltransferase gene by early growth response protein 1. 2008 , 49, 2197-211	25
984	Inhibition of IkappaB kinase by vaccinia virus virulence factor B14. 2008 , 4, e22	120
983	Prion propagation in mice lacking central nervous system NF-kappaB signalling. 2008 , 89, 1545-1550	18
982	POTENTIAL MECHANISMS OF CANCER PREVENTION BY WEIGHT CONTROL. 2008 , 03, 421-437	8
981	Activation of p300 histone acetyltransferase activity is an early endothelial response to laminar shear stress and is essential for stimulation of endothelial nitric-oxide synthase mRNA transcription. 2008 , 283, 16293-8	65

980	Generation and activation of multiple dimeric transcription factors within the NF-kappaB signaling system. 2008 , 28, 3139-50	107
979	Epstein-Barr virus latent membrane protein 1 induces expression of the epidermal growth factor receptor through effects on Bcl-3 and STAT3. 2008 , 82, 5486-93	64
978	Aspirin and Diabetes Mellitus: revisiting an old player. 2008 , 2, 37-42	11
977	The lymphotoxin-beta receptor is an upstream activator of NF-kappaB-mediated transcription in melanoma cells. 2008 , 283, 15399-408	31
976	Endogenous hydrogen sulfide regulates inflammatory response by activating the ERK pathway in polymicrobial sepsis. 2008 , 181, 4320-31	98
975	CBP Is a dosage-dependent regulator of nuclear factor-kappaB suppression by the estrogen receptor. 2008 , 22, 263-72	55
974	A20 is a negative regulator of BCL10- and CARMA3-mediated activation of NF-kappaB. 2008 , 121, 1165-71	35
973	SN52, a novel nuclear factor-kappaB inhibitor, blocks nuclear import of RelB:p52 dimer and sensitizes prostate cancer cells to ionizing radiation. 2008 , 7, 2367-76	41
972	The apolipoprotein E-mimetic peptide COG112 inhibits the inflammatory response to Citrobacter rodentium in colonic epithelial cells by preventing NF-kappaB activation. 2008 , 283, 16752-61	45
971	Encoding NF-kappaB temporal control in response to TNF: distinct roles for the negative regulators IkappaBalpha and A20. 2008 , 22, 2093-101	157
970	The G-protein-coupled receptor kinase 5 inhibits NFkappaB transcriptional activity by inducing nuclear accumulation of IkappaB alpha. 2008 , 105, 17818-23	93
969	IKK/NF-kappaB regulates skeletal myogenesis via a signaling switch to inhibit differentiation and promote mitochondrial biogenesis. 2008 , 180, 787-802	170
968	Tumor necrosis factor (TNF)-alpha persistently activates nuclear factor-kappaB signaling through the type 2 TNF receptor in chromaffin cells: implications for long-term regulation of neuropeptide gene expression in inflammation. 2008 , 149, 2840-52	27
967	Targeting NF-kappaB: a promising molecular therapy in inflammatory arthritis. 2008 , 27, 351-74	42
966	PTEN as a unique promising therapeutic target for occupational asthma. 2008 , 30, 793-814	5
965	Free fucose is a danger signal to human intestinal epithelial cells. 2008 , 99, 449-54	26
964	Identification of lysine residues critical for the transcriptional activity and polyubiquitination of the NF-kappaB family member RelB. 2008 , 416, 117-27	13
963	Anacardic acid (6-nonadecyl salicylic acid), an inhibitor of histone acetyltransferase, suppresses expression of nuclear factor-kappaB-regulated gene products involved in cell survival, proliferation, invasion, and inflammation through inhibition of the inhibitory subunit of nuclear factor-kappaBalpha kinase, leading to potentiation of apoptosis. 2008 , 111, 4880-91	208

962	Proteasome-dependent autoregulation of Bruton tyrosine kinase (Btk) promoter via NF-kappaB. 2008 , 111, 4617-26	60
961	Glycyrrhizin inhibits interleukin-8 production and nuclear factor-kappaB activity in lung epithelial cells, but not through glucocorticoid receptors. 2008 , 106, 460-8	45
960	Glucocorticoid Actions on Airway Smooth Muscle. 235-254	
959	Abnormal insulin signaling: early detection of silent coronary artery disease-erectile dysfunction?. 2008 , 14, 3737-48	8
958	Identification of the human N(alpha)-acetyltransferase complex B (hNatB): a complex important for cell-cycle progression. 2008 , 415, 325-31	83
957	Bacterial colonization, probiotics, and necrotizing enterocolitis. 2008 , 42 Suppl 2, S46-52	80
956	Prevention of hypoxia-induced neuronal apoptosis through histone deacetylase inhibition. 2008 , 64, 863-70; discussion 870-1	49
955	. 2008 ,	1
954	The role of chemokines during herpes simplex virus-1 infection. 2008 , 13, 4862-72	50
953	Stat6-independent tissue inflammation occurs selectively on the ocular surface and perioral skin of I kappa B zeta-/- mice. 2008 , 49, 3387-94	17
952	Morphine exacerbates HIV-1 Tat-induced cytokine production in astrocytes through convergent effects on [Ca(2+)](i), NF-kappaB trafficking and transcription. 2008 , 3, e4093	93
951	Diterpenes from Euphorbia as Potential Leads for Drug Design. 2008 , 3, 1934578X0800300	3
950	Receptor Activator of NF-B (RANK) Signaling. 2008 , 211-219	
949	Estrogen, NFkappaB, and the heat shock response. 2008 , 14, 517-27	76
948	Up-regulation of cell adhesion molecule genes in human endothelial cells stimulated by lymphotoxin alpha: DNA microarray analysis. 2008 , 15, 160-5	12
947	Regulation of biomechanical signals by NF-B transcription factors in chondrocytes. 2008 , 45, 245-256	12
946	. 2009 ,	5
945	Melanocortin peptide therapy for the treatment of arthritic pathologies. 2009 , 9, 1394-414	14

944	NF-kappaB links keratinocytes and lymphocytes in the pathogenesis of psoriasis. 2009 , 3, 40-8	81
943	Ser276 phosphorylation of NF-kB p65 by MSK1 controls SCF expression in inflammation. 2009 , 4, e4393	112
942	Can we predict the effects of NF-kappaB inhibition in sepsis? Studies with parthenolide and ethyl pyruvate. 2009 , 18, 1047-60	18
941	Effects of extracts from <i>Paederia scandens</i> (LOUR.) MERRILL (Rubiaceae) on MSU crystal-induced rats gouty arthritis. 2009 , 37, 669-83	18
940	Rotavirus antagonizes cellular antiviral responses by inhibiting the nuclear accumulation of STAT1, STAT2, and NF-kappaB. 2009 , 83, 4942-51	74
939	NF-kappaB activity is constitutively elevated in c-Abl null fibroblasts. 2009 , 106, 17823-8	12
938	HSCARG regulates NF-kappaB activation by promoting the ubiquitination of RelA or COMMD1. 2009 , 284, 17998-8006	21
937	TAK1-mediated serine/threonine phosphorylation of epidermal growth factor receptor via p38/extracellular signal-regulated kinase: NF- κ B-independent survival pathways in tumor necrosis factor alpha signaling. 2009 , 29, 5529-39	70
936	Identification of copy number abnormalities and inactivating mutations in two negative regulators of nuclear factor-kappaB signaling pathways in Waldenstrom's macroglobulinemia. 2009 , 69, 3579-88	128
935	Role of COX-2 in epithelial-stromal cell interactions and progression of ductal carcinoma in situ of the breast. 2009 , 106, 3372-7	160
934	Modulation of TLR signaling by multiple MyD88-interacting partners including leucine-rich repeat Fli-1-interacting proteins. 2009 , 182, 3450-60	62
933	Periodic, partial inhibition of IkappaB Kinase beta-mediated signaling yields therapeutic benefit in preclinical models of rheumatoid arthritis. 2009 , 331, 349-60	23
932	Synergistic induction of inflammation by bacterial products lipopolysaccharide and fMLP: an important microbial pathogenic mechanism. 2009 , 182, 2518-24	21
931	BCL11B enhances TCR/CD28-triggered NF-kappaB activation through up-regulation of Cot kinase gene expression in T-lymphocytes. 2009 , 417, 457-66	28
930	Isoflavone-deprived soy peptide suppresses mammary tumorigenesis by inducing apoptosis. 2009 , 41, 371-81	27
929	Dendritic cells for active anti-cancer immunotherapy: targeting activation pathways through genetic modification. 2009 , 9, 328-43	46
928	Interplay of oxidants and antioxidants during exercise: implications for muscle health. 2009 , 37, 116-23	50
927	Oncoprotein signaling mediates tumor-specific inflammation and enhances tumor progression. 2009 , 182, 5498-506	25

926	PRMT5, a novel TRAIL receptor-binding protein, inhibits TRAIL-induced apoptosis via nuclear factor-kappaB activation. 2009 , 7, 557-69	57
925	The IkappaB kinases IKKalpha and IKKbeta are necessary and sufficient for skeletal muscle atrophy. 2009 , 23, 362-70	83
924	Loss of p53 enhances catalytic activity of IKKbeta through O-linked beta-N-acetyl glucosamine modification. 2009 , 106, 3431-6	148
923	The antibiotics doxycycline and minocycline inhibit the inflammatory responses to the Lyme disease spirochete Borrelia burgdorferi. 2009 , 199, 1379-88	56
922	Bmi-1, stem cells and cancer. 2009 , 41, 527-34	79
921	Zerumbone abolishes RANKL-induced NF-kappaB activation, inhibits osteoclastogenesis, and suppresses human breast cancer-induced bone loss in athymic nude mice. 2009 , 69, 1477-84	71
920	Protein kinase Cdelta activates RelA/p65 and nuclear factor-kappaB signaling in response to tumor necrosis factor-alpha. 2009 , 69, 5927-35	33
919	Endosomal Nox2 facilitates redox-dependent induction of NF-kappaB by TNF-alpha. 2009 , 11, 1249-63	94
918	NF-kappaB: the inducible factors of HIV-1 transcription and their inhibitors. 2009 , 9, 60-9	18
917	Chemosensitization and immunosensitization of resistant cancer cells to apoptosis and inhibition of metastasis by the specific NF-kappaB inhibitor DHMEQ. 2009 , 15, 792-808	48
916	Ubiquitination and TNFR1 signaling. 2009 , 49, 87-114	4
915	Host Signaling Responses to Reovirus Infection. 2009 , 627-653	
914	Targeting NF-kappa B with a natural triterpenoid alleviates skin inflammation in a mouse model of psoriasis. 2009 , 183, 4755-63	67
913	Crosstalk in inflammation: the interplay of glucocorticoid receptor-based mechanisms and kinases and phosphatases. 2009 , 30, 830-82	217
912	Endothelial dysfunction in diabetes: from mechanisms to therapeutic targets. 2009 , 16, 94-112	204
911	Molecular basis of the anti-inflammatory effects of terpenoids. 2009 , 8, 28-39	96
910	HSP90 inhibitors: multi-targeted antitumor effects and novel combinatorial therapeutic approaches in cancer therapy. 2009 , 16, 3081-92	56
909	Role of nuclear steroid receptors in apoptosis. 2009 , 16, 3886-902	18

908	Bacterial effector binding to ribosomal protein s3 subverts NF-kappaB function. 2009 , 5, e1000708	127
907	Co-regulation of NF-kappaB and inflammasome-mediated inflammatory responses by myxoma virus pyrin domain-containing protein M013. 2009 , 5, e1000635	52
906	Aquaporin-2 abundance in the renal collecting duct: new insights from cultured cell models. 2009 , 297, F10-8	52
905	Involvement of Bcl-2 family in apoptosis and signal pathways induced by cigarette smoke extract in the human airway smooth muscle cells. 2009 , 28, 13-22	24
904	Ebola Zaire virus blocks type I interferon production by exploiting the host SUMO modification machinery. 2009 , 5, e1000493	163
903	Probiotic Lactobacillus casei strain Shirota prevents indomethacin-induced small intestinal injury: involvement of lactic acid. 2009 , 297, G506-13	113
902	Myeloid cells control termination of lung inflammation through the NF-kappaB pathway. 2009 , 296, L320-7	30
901	Participation of mitochondrial respiratory complex III in neutrophil activation and lung injury. 2009 , 296, L624-34	41
900	A novel, highly selective, tight binding IkappaB kinase-2 (IKK-2) inhibitor: a tool to correlate IKK-2 activity to the fate and functions of the components of the nuclear factor-kappaB pathway in arthritis-relevant cells and animal models. 2009 , 329, 14-25	55
899	Phosphorylation of CARMA1 by HPK1 is critical for NF-kappaB activation in T cells. 2009 , 106, 14508-13	44
898	Multiple roles of the NF-kappaB signaling pathway regulated by coupled negative feedback circuits. 2009 , 23, 2796-802	19
897	NF-kappaB activity marks cells engaged in receptor editing. 2009 , 206, 1803-16	32
896	Brd4 coactivates transcriptional activation of NF-kappaB via specific binding to acetylated RelA. 2009 , 29, 1375-87	416
895	Aldosterone activates NF-kappaB in the collecting duct. 2009 , 20, 131-44	74
894	Annexin-1-deficient dendritic cells acquire a mature phenotype during differentiation. 2009 , 23, 985-96	36
893	A structural guide to proteins of the NF-kappaB signaling module. 2009 , 1, a000075	77
892	Ca ²⁺ entry via TRPC channels is necessary for thrombin-induced NF-kappaB activation in endothelial cells through AMP-activated protein kinase and protein kinase Cdelta. 2009 , 284, 563-574	60
891	Ubiquitin-regulated recruitment of IkappaB kinase epsilon to the MAVS interferon signaling adapter. 2009 , 29, 3401-12	70

890	Adenosine suppresses lipopolysaccharide-induced tumor necrosis factor-alpha production by murine macrophages through a protein kinase A- and exchange protein activated by cAMP-independent signaling pathway. 2009 , 331, 1051-61	36
889	Inhibitor kappaB Kinase beta deficiency in primary nociceptive neurons increases TRP channel sensitivity. 2009 , 29, 12919-29	24
888	Essential role of cofilin-1 in regulating thrombin-induced RelA/p65 nuclear translocation and intercellular adhesion molecule 1 (ICAM-1) expression in endothelial cells. 2009 , 284, 21047-56	42
887	Transcriptional induction of SOX9 by NF-kappaB family member RelA in chondrogenic cells. 2009 , 17, 1065-75	47
886	Comparative analysis of the mammalian WNT4 promoter. 2009 , 10, 416	10
885	Hepatic gene expression profiling reveals protective responses in Atlantic salmon vaccinated against furunculosis. 2009 , 10, 503	40
884	NF-kappaB activation by Helicobacter pylori requires Akt-mediated phosphorylation of p65. 2009 , 9, 36	30
883	The NF-kappa B inhibitor, celastrol, could enhance the anti-cancer effect of gambogic acid on oral squamous cell carcinoma. 2009 , 9, 343	60
882	BowTieBuilder: modeling signal transduction pathways. 2009 , 3, 67	33
881	Hexamethylene bisacetamide can convert nonpermissive human cells to a permissive state for expressing the major immediate-early genes of human cytomegalovirus by up-regulating NF-kappaB activity. 2009 , 383, 195-206	8
880	TLR5 stimulation is sufficient to trigger reactivation of latent HIV-1 provirus in T lymphoid cells and activate virus gene expression in central memory CD4+ T cells. 2009 , 389, 20-5	41
879	Effect of Benincasa hispida Cogniaux on high glucose-induced vascular inflammation of human umbilical vein endothelial cells. 2009 , 50, 116-22	16
878	Estrogen inhibits RANKL-stimulated osteoclastic differentiation of human monocytes through estrogen and RANKL-regulated interaction of estrogen receptor-alpha with BCAR1 and Traf6. 2009 , 315, 1287-301	63
877	Signal transduction pathways involved in brain death-induced renal injury. 2009 , 9, 989-97	46
876	Inhibition of extracellular signal-regulated kinase (ERK) signaling participates in repression of nuclear factor (NF)-kappaB activity by glucocorticoids. 2009 , 1793, 439-46	25
875	Mixed lineage kinase 3 negatively regulates IKK activity and enhances etoposide-induced cell death. 2009 , 1793, 1811-8	6
874	Tumor necrosis factor alpha induces gamma-glutamyltransferase expression via nuclear factor-kappaB in cooperation with Sp1. 2009 , 77, 397-411	34
873	Glucocorticoids and mitogen- and stress-activated protein kinase 1 inhibitors: possible partners in the combat against inflammation. 2009 , 77, 1194-205	20

872	Reduced skin inflammatory response in mice lacking inducible nitric oxide synthase. 2009 , 78, 390-5	24
871	l-Arginine supplementation induces glutathione synthesis in interscapular brown adipose tissue through activation of glutamate-cysteine ligase expression: The role of nitric oxide. 2009 , 182, 204-12	13
870	Mycobacterium bovis Bacillus Calmette-Guérin (BCG)-induced activation of PI3K/Akt and NF-κB signaling pathways regulates expression of CXCL10 in epithelial cells. 2009 , 256, 12-8	23
869	PPM1A and PPM1B act as IKKβ phosphatases to terminate TNFα-induced IKKβ-NF-κB activation. 2009 , 21, 95-102	81
868	MEKK3 is required for lysophosphatidic acid-induced NF-κB activation. 2009 , 21, 1488-94	22
867	C/EBPβ enhances NF-κB-associated signalling by reducing the level of IκBα. 2009 , 21, 1918-24	32
866	Monocyte chemoattractant protein-1 (MCP-1) produced via NF-κB signaling pathway mediates migration of amoeboid microglia in the periventricular white matter in hypoxic neonatal rats. 2009 , 57, 604-21	57
865	Phosphatidylinositol 3-kinase/protein kinase Cδ activation induces close homolog of adhesion molecule L1 (CHL1) expression in cultured astrocytes. 2010 , 58, 315-28	21
864	Lipopolysaccharide inhibition of glucose production through the Toll-like receptor-4, myeloid differentiation factor 88, and nuclear factor κB pathway. 2009 , 50, 592-600	54
863	IκB kinaseβ/nuclear factor-κB activation controls the development of liver metastasis by way of interleukin-6 expression. 2009 , 50, 1851-60	56
862	Nuclear factor κB subunit p50 promotes melanoma angiogenesis by upregulating interleukin-6 expression. 2009 , 124, 494-501	40
861	Akt-mediated regulation of NFκB and the essentialness of NFκB for the oncogenicity of PI3K and Akt. 2009 , 125, 2863-70	305
860	The DEAD-box RNA helicase DDX1 interacts with RelA and enhances nuclear factor κB-mediated transcription. 2009 , 106, 296-305	39
859	Mechanistic study of saikosaponin-d (Ssd) on suppression of murine T lymphocyte activation. 2009 , 107, 303-15	58
858	Pseudolaric acid B suppresses T lymphocyte activation through inhibition of NF-κB signaling pathway and p38 phosphorylation. 2009 , 108, 87-95	31
857	Anti-inflammatory function of Withangulatin A by targeted inhibiting COX-2 expression via MAPK and NF-κB pathways. 2010 , 109, 532-41	13
856	Sustained NF-κB activation produces a short-term cell proliferation block in conjunction with repressing effectors of cell cycle progression controlled by E2F or FoxM1. 2009 , 218, 215-27	32
855	The influence of NF-κB signal-transduction pathways on the murine inner ear by acoustic overstimulation. 2009 , 87, 1832-40	53

854	Expression of cyclooxygenase-2 and microsomal prostaglandin-E synthase in amoeboid microglial cells in the developing brain and effects of cyclooxygenase-2 neutralization on BV-2 microglial cells. 2010 , 88, 1577-94	7
853	Immune manipulation of advanced breast cancer: an interpretative model of the relationship between immune system and tumor cell biology. 2009 , 29, 436-71	27
852	Inflammatory cell-specific transgene expression system responding to Ikappa-B kinase beta activation. 2009 , 11, 624-32	18
851	Outside-to-inside signaling through transmembrane tumor necrosis factor reverses pathologic interleukin-1beta production and deficient apoptosis of rheumatoid arthritis monocytes. 2009 , 60, 2612-21	36
850	Differential mechanism of NF-kappaB inhibition by two glucocorticoid receptor modulators in rheumatoid arthritis synovial fibroblasts. 2009 , 60, 3241-50	46
849	Valproic acid induces transcriptional activation of human GD3 synthase (hST8Sia I) in SK-N-BE(2)-C human neuroblastoma cells. 2009 , 27, 113-8	15
848	Hepatitis delta virus large antigen sensitizes to TNF-alpha-induced NF-kappaB signaling. 2009 , 28, 49-55	24
847	Expression of catalytic proteasome subunits in the gut of patients with Crohn's disease. 2009 , 24, 1133-9	29
846	Regulation of expression of apolipoprotein A-I by selenium status in human liver hepatoblastoma cells. 2009 , 48, 283-90	8
845	Curcumin modulates the radiosensitivity of colorectal cancer cells by suppressing constitutive and inducible NF-kappaB activity. 2009 , 75, 534-42	142
844	Old target new approach: an alternate NF-kappaB activation pathway via translation inhibition. 2009 , 328, 9-16	9
843	De-ubiquitylation is the most critical step in the ubiquitin-mediated homeostatic control of the NF-kappaB/IKK basal activity. 2009 , 331, 69-80	4
842	RIOK3 interacts with caspase-10 and negatively regulates the NF-kappaB signaling pathway. 2009 , 332, 113-20	24
841	Inflammatory pathways in liver homeostasis and liver injury. 2009 , 36, 4-12	286
840	Comprehensive lung injury pathology induced by mTOR inhibitors. 2009 , 11, 499-510	19
839	Two enone fatty acids isolated from Gracilaria verrucosa suppress the production of inflammatory mediators by down-regulating NF-kappaB and STAT1 activity in lipopolysaccharide-stimulated RAW 264.7 cells. 2009 , 32, 453-62	34
838	Suppression of hepatitis B virus-derived human hepatocellular carcinoma by NF-kappaB-inducing kinase-specific siRNA using liver-targeting liposomes. 2009 , 32, 1077-86	16
837	Toll-like receptors, wound healing, and carcinogenesis. 2009 , 87, 125-38	102

836	Angiotensin II upregulates Toll-like receptor 4 and enhances lipopolysaccharide-induced CD40 expression in rat peritoneal mesothelial cells. 2009 , 58, 473-82	29
835	Metformin inhibits nuclear factor kappaB activation and decreases serum high-sensitivity C-reactive protein level in experimental atherogenesis of rabbits. 2009 , 24, 446-53	63
834	Peroxisome proliferator-activated receptor gamma overexpression and knockdown: impact on human B cell lymphoma proliferation and survival. 2009 , 58, 1071-83	13
833	Il-1 beta-induced post-transition effect of NF-kappaB provides time-dependent wave of signals for initial phase of intrapostatic inflammation. 2009 , 69, 633-43	23
832	Regulation of cell survival by resveratrol involves inhibition of NF kappa B-regulated gene expression in prostate cancer cells. 2009 , 69, 1045-54	58
831	Iron behaving badly: inappropriate iron chelation as a major contributor to the aetiology of vascular and other progressive inflammatory and degenerative diseases. 2009 , 2, 2	349
830	Inhibition of TNF-alpha-induced cyclooxygenase-2 expression by Mycobacterium bovis BCG in human alveolar epithelial A549 cells. 2009 , 69, 11-9	10
829	Anti-inflammatory effects of the genus Bifidobacterium on macrophages by modification of phospho-I kappaB and SOCS gene expression. 2009 , 90, 131-40	44
828	The effect of proteasome inhibitor MG132 on experimental inflammatory bowel disease. 2009 , 156, 172-82	46
827	Inhibition of intracellular hepatitis C virus replication by nelfinavir and synergistic effect with interferon-alpha. 2009 , 16, 506-12	10
826	Cloning and characterization of DULP, a novel ubiquitin-like molecule from human dendritic cells. 2009 , 6, 27-33	6
825	Negative regulation of NF-kappaB action by Set9-mediated lysine methylation of the RelA subunit. 2009 , 28, 1055-66	159
824	NF-kappaB p52:RelB heterodimer recognizes two classes of kappaB sites with two distinct modes. 2009 , 10, 152-9	56
823	Helicobacter pylori CagA activates NF-kappaB by targeting TAK1 for TRAF6-mediated Lys 63 ubiquitination. 2009 , 10, 1242-9	134
822	Emerging role of adipose tissue hypoxia in obesity and insulin resistance. 2009 , 33, 54-66	387
821	Challenges in the use of allogeneic hematopoietic SCT for ectodermal dysplasia with immune deficiency. 2009 , 43, 217-21	55
820	Inhibition of osteoblastic bone formation by nuclear factor-kappaB. 2009 , 15, 682-9	350
819	Is NF-kappaB a good target for cancer therapy? Hopes and pitfalls. 2009 , 8, 33-40	812

8 ₁₈	Ionizing radiation-induced NF-kappaB activation requires PARP-1 function to confer radioresistance. 2009 , 28, 832-42	96
8 ₁₇	ATM mediates constitutive NF-kappaB activation in high-risk myelodysplastic syndrome and acute myeloid leukemia. 2009 , 28, 1099-109	53
8 ₁₆	The prolyl isomerase Pin1 regulates the NF-kappaB signaling pathway and interleukin-8 expression in glioblastoma. 2009 , 28, 3735-45	60
8 ₁₅	Melatonin protects from hepatic reperfusion injury through inhibition of IKK and JNK pathways and modification of cell proliferation. 2009 , 46, 8-14	48
8 ₁₄	Melatonin protects kidney grafts from ischemia/reperfusion injury through inhibition of NF-kB and apoptosis after experimental kidney transplantation. 2009 , 46, 365-72	100
8 ₁₃	Suppression of nuclear factor-kappaB activity in macrophages by chylomicron remnants: modulation by the fatty acid composition of the particles. 2009 , 276, 5689-702	16
8 ₁₂	NF-kappaB regulates the transcription of protein tyrosine kinase Tec. 2009 , 276, 6714-24	9
8 ₁₁	Mechanisms generating diversity in glucocorticoid receptor signaling. 2009 , 1179, 167-78	148
8 ₁₀	Therapeutic action and underlying mechanisms of a combination of two pentacyclic triterpenes, alpha- and beta-amyrin, in a mouse model of colitis. 2009 , 157, 1034-44	68
8 ₀₉	Effect of polypeptide from <i>Chlamys farreri</i> on UVB-induced ROS/NF-kappaB/COX-2 activation and apoptosis in HaCaT cells. 2009 , 96, 109-16	21
8 ₀₈	Imatinib resistance in multidrug-resistant K562 human leukemic cells. 2009 , 33, 710-6	39
8 ₀₇	Dominant negative Tax double mutants as molecular inhibitors for w.t. Tax gene functions. 2009 , 33, 974-9	1
8 ₀₆	NF-kappaB inhibition leads to increased synthesis and secretion of MIF in human CD4+ T cells. 2009 , 123, 21-30	16
8 ₀₅	Synthesis, initial SAR and biological evaluation of 1,6-dihydroimidazo[4,5-d]pyrrolo[2,3-b]pyridin-4-amine derived inhibitors of IkappaB kinase. 2009 , 19, 2646-9	18
8 ₀₄	Peperomins as anti-inflammatory agents that inhibit the NF-kappaB signaling pathway. 2009 , 19, 4084-7	32
8 ₀₃	Synthesis and biological evaluation of 3,6-diamino-1H-pyrazolo[3,4-b]pyridine derivatives as protein kinase inhibitors. 2009 , 19, 4566-9	67
8 ₀₂	Regulation and function of NF-kappaB transcription factors in the immune system. 2009 , 27, 693-733	1909
8 ₀₁	Combination of linkage mapping and microarray-expression analysis identifies NF-kappaB signaling defect as a cause of autosomal-recessive mental retardation. 2009 , 85, 903-8	78

800	The nuclear factor NF-kappaB pathway in inflammation. 2009 , 1, a001651		2415
799	Ultrananocrystalline diamond thin films functionalized with therapeutically active collagen networks. 2009 , 113, 2966-71		27
798	Neuronal I kappa B kinase beta protects mice from autoimmune encephalomyelitis by mediating neuroprotective and immunosuppressive effects in the central nervous system. 2009 , 183, 7877-89		26
797	Sulforaphane suppresses TNF-alpha-mediated activation of NF-kappaB and induces apoptosis through activation of reactive oxygen species-dependent caspase-3. 2009 , 274, 132-42		102
796	TWEAK promotes ovarian cancer cell metastasis via NF-kappaB pathway activation and VEGF expression. 2009 , 283, 159-67		41
795	Control of inducible gene expression by signal-dependent transcriptional elongation. <i>Cell</i> , 2009 , 138, 129-45	56.2	518
794	Lipid induced overexpression of NF-kappaB in skeletal muscle cells is linked to insulin resistance. 2009 , 1792, 190-200		43
793	Identification and characterization of potent, selective and metabolically stable IKK inhibitor. 2016 , 26, 1120-3		1
792	Lycopene acts through inhibition of IB kinase to suppress NF-B signaling in human prostate and breast cancer cells. 2016 , 37, 9375-85		52
791	Novel non-peptide small molecules preventing IKK/NEMO association inhibit NF-B activation in LPS-stimulated J774 macrophages. 2016 , 104, 83-94		29
790	Anti-inflammatory activities of the products of supercritical fluid extraction from Litsea japonica fruit in RAW 264.7 cells. 2016 , 22, 44-51		16
789	Inflammation and Immune Response. 2016 , 129-140.e5		
788	Low dose cyclophosphamide: Mechanisms of T cell modulation. 2016 , 42, 3-9		81
787	Fibroblast growth factor 21 attenuates hepatic fibrogenesis through TGF-beta/smad2/3 and NF-B signaling pathways. 2016 , 290, 43-53		53
786	New IKK inhibitors: Synthesis of new imidazo[1,2-a]quinoxaline derivatives using microwave assistance and biological evaluation as IKK inhibitors. 2016 , 115, 268-74		12
785	From molecules to neural morphology: understanding neuroinflammation in autism spectrum condition. 2016 , 7, 9		47
784	Exercise-induced hormesis and skeletal muscle health. 2016 , 98, 113-122		73
783	15-O-Acetyl-3-O-benzoylcharaciol and helioscopinolide A, two diterpenes isolated from Euphorbia helioscopia suppress microglia activation. 2016 , 612, 149-154		13

782	Involvement of the PKC/NF- κ B signaling pathway in the regulation of T lymphocytes proliferation of chickens by conjugated linoleic acids. 2016 , 27, 40-51	1
781	Kinase signalling pathways in endometriosis: potential targets for non-hormonal therapeutics. 2016 , 22, 382-403	92
780	NIK- and IKK β -binding protein promotes colon cancer metastasis by activating the classical NF- κ B pathway and MMPs. 2016 , 37, 5979-90	16
779	Mining for novel tumor suppressor genes using a shortest path approach. 2016 , 34, 664-75	24
778	Molecular and Cellular Biology. 2016 , 41-50.e2	
777	Selenium Supplementation of Amaranth Sprouts Influences Betacyanin Content and Improves Anti-Inflammatory Properties via NF- κ B in Murine RAW 264.7 Macrophages. 2016 , 169, 320-30	32
776	Novel roles of androgen receptor, epidermal growth factor receptor, TP53, regulatory RNAs, NF- κ B, chromosomal translocations, neutrophil associated gelatinase, and matrix metalloproteinase-9 in prostate cancer and prostate cancer stem cells. 2016 , 60, 64-87	26
775	Inducible NO synthase is constitutively expressed in porcine myocardium and its level decreases along with tachycardia-induced heart failure. 2016 , 25, 3-11	5
774	Molecular and cellular mechanisms linking inflammation to insulin resistance and β -cell dysfunction. 2016 , 167, 228-56	158
773	Phytoconstituents as apoptosis inducing agents: strategy to combat cancer. 2016 , 68, 531-63	27
772	Nitrosative Stress, Hypernitrosylation, and Autoimmune Responses to Nitrosylated Proteins: New Pathways in Neurodegenerative Disorders Including Depression and Chronic Fatigue Syndrome. 2017 , 54, 4271-4291	60
771	Urokinase, a promising candidate for fibrinolytic therapy for intracerebral hemorrhage. 2017 , 126, 548-557	28
770	An 18-Year Nationwide Cohort Study on The Association Between Diverticulitis and Colon Cancer. 2017 , 265, 954-959	19
769	The NR4A subfamily of nuclear receptors: potential new therapeutic targets for the treatment of inflammatory diseases. 2017 , 21, 291-304	64
768	Icariin ameliorates IgA nephropathy by inhibition of nuclear factor kappa b/Nlrp3 pathway. 2017 , 7, 54-63	25
767	Immunostimulatory effect of dried bonito extract on mouse macrophage cell lines and mouse primary peritoneal macrophages. 2017 , 69, 229-244	
766	Bayesian Network Inference Modeling Identifies TRIB1 as a Novel Regulator of Cell-Cycle Progression and Survival in Cancer Cells. 2017 , 77, 1575-1585	45
765	Distinct inflammatory gene expression in extraocular muscle and fat from patients with Graves' orbitopathy. 2017 , 176, 481-488	5

764	Combined Parthenolide and Balsalazide Have Enhanced Antitumor Efficacy Through Blockade of NF- κ B Activation. 2017 , 15, 141-151	15
763	Cyclin-Dependent Kinase Inhibitor-1-Deficient Mice are Susceptible to Osteoarthritis Associated with Enhanced Inflammation. 2017 , 32, 991-1001	21
762	Polyphenolic fraction of virgin coconut oil inhibits the inflammatory response in oxidized LDL activated human peripheral blood mononuclear cells by modulating TLR/NF- κ B signaling pathways. 2017 , 10, 59-65	4
761	Sumoylation and Its Contribution to Cancer. 2017 , 963, 283-298	23
760	Down-regulation of Forkhead box protein A1 (FOXA1) leads to cancer stem cell-like properties in tamoxifen-resistant breast cancer cells through induction of interleukin-6. 2017 , 292, 8136-8148	32
759	Determination of Interference During In Vitro Pyrogen Detection: Development and Characterization of a Cell-Based Assay. 2017 , 15, 64-76	4
758	Allium hookeri root extract exerts anti-inflammatory effects by nuclear factor- κ B down-regulation in lipopolysaccharide-induced RAW264.7 cells. 2017 , 17, 126	25
757	p-Hydroxyacetophenone suppresses nuclear factor- κ B-related inflammation in nociceptive and inflammatory animal models. 2017 , 71, 422-432	8
756	Exome Sequencing Identifies Potentially Druggable Mutations in Nasopharyngeal Carcinoma. 2017 , 7, 42980	18
755	Myeloid-derived NF- κ B negative regulation of PU.1 and c/EBP- β -driven pro-inflammatory cytokine production restrains LPS-induced shock. 2017 , 23, 175-187	9
754	Fluoride Induces Neuroinflammation and Alters Wnt Signaling Pathway in BV2 Microglial Cells. 2017 , 40, 1123-1130	25
753	-GlcNAc cycling and the regulation of nucleocytoplasmic dynamics. 2017 , 45, 427-436	26
752	Loss of INK4a/Arf gene enhances ultraviolet radiation-induced cutaneous tumor development. 2017 , 26, 1018-1025	5
751	Alismol, a Sesquiterpenoid Isolated from Vladimiria souliei, Suppresses Proinflammatory Mediators in Lipopolysaccharide-Stimulated Microglia. 2017 , 62, 106-113	5
750	Influence of anaerobic and aerobic exercise on age-related pathways in skeletal muscle. 2017 , 37, 39-52	11
749	MicroRNA-27a/b mediates endothelin-1-induced PPAR α reduction and proliferation of pulmonary artery smooth muscle cells. 2017 , 369, 527-539	14
748	SCRG1 suppresses LPS-induced CCL22 production through ERK1/2 activation in mouse macrophage Raw264.7 cells. 2017 , 15, 4069-4076	6
747	Transcription factor NF- κ B represses ANT1 transcription and leads to mitochondrial dysfunctions. 2017 , 7, 44708	21

746	Anti-inflammatory action of 2-carbomethoxy-2,3-epoxy-3-prenyl-1,4-naphthoquinone (CMEP-NQ) suppresses both the MyD88-dependent and TRIF-dependent pathways of TLR4 signaling in LPS-stimulated RAW264.7 cells. 2017 , 205, 103-115	10
745	The UPR: Sensor and Coordinator of Organismal Homeostasis. 2017 , 66, 761-771	138
744	Molecular interplay of pro-inflammatory transcription factors and non-coding RNAs in esophageal squamous cell carcinoma. 2017 , 39, 1010428317705760	13
743	Low concentrations of neutrophil extracellular traps induce proliferation in human keratinocytes via NF- κ B activation. 2017 , 88, 110-116	19
742	Human IBD Gain of Function: a Severe and Syndromic Immunodeficiency. 2017 , 37, 397-412	45
741	Triptolide-Assisted Phosphorylation of p53 Suppresses Inflammation-Induced NF- κ B Survival Pathways in Cancer Cells. 2017 , 37,	23
740	NF- κ B. 2017 , 903-911	
739	Propranolol treatment lowers blood pressure, reduces vascular inflammatory markers and improves endothelial function in obese mice. 2017 , 122, 35-45	14
738	Molecular targets of dietary phytochemicals for possible prevention and therapy of uterine fibroids: Focus on fibrosis. 2017 , 57, 3583-3600	9
737	Effects of Lonicera caerulea berry extract on lipopolysaccharide-induced toxicity in rat liver cells: Antioxidant, anti-inflammatory, and anti-apoptotic activities. 2017 , 33, 217-226	14
736	Aspirin Inhibits IKK- β -mediated Prostate Cancer Cell Invasion by Targeting Matrix Metalloproteinase-9 and Urokinase-Type Plasminogen Activator. 2017 , 41, 1313-1324	32
735	Anticancer activity of stamen extract in human colon cancer HCT-116 cells. 2017 , 13, 1470-1478	14
734	TRAF3/CYLD mutations identify a distinct subset of human papillomavirus-associated head and neck squamous cell carcinoma. 2017 , 123, 1778-1790	76
733	Epigenetic dysfunctional diseases and therapy for infection and inflammation. 2017 , 1863, 518-528	27
732	Extracellular Hsp70 Enhances Mesoangioblast Migration via an Autocrine Signaling Pathway. 2017 , 232, 1845-1861	14
731	Artemisinin inhibits inflammatory response via regulating NF- κ B and MAPK signaling pathways. 2017 , 39, 28-36	59
730	A Constitutive Intrinsic Inflammatory Signaling Circuit Composed of miR-196b, Meis2, PPP3CC, and p65 Drives Prostate Cancer Castration Resistance. 2017 , 65, 154-167	39
729	Imperatorin efficiently blocks TNF- β -mediated activation of ROS/PI3K/Akt/NF- κ B pathway. 2017 , 37, 3397-3404	32

728	The Effective Regulation of Pro- and Anti-inflammatory Cytokines Induced by Combination of PA-MSHA and BPIFB1 in Initiation of Innate Immune Responses. 2017 , 12, 299-307	5
727	Hypoxia-induced activation of specific members of the NF-kB family and its relevance to pulmonary vascular remodeling. 2017 , 92, 141-147	23
726	The multifunctional polydnavirus TnBVANK1 protein: impact on host apoptotic pathway. 2017 , 7, 11775	13
725	Paeoniflorin targets apoptosis and ameliorates fibrosis in murine schistosomiasis mansoni: A novel insight. 2017 , 183, 23-32	11
724	Conservation and Divergence of p53 Oscillation Dynamics across Species. 2017 , 5, 410-417.e4	25
723	Litsenolide A2: The major anti-inflammatory activity compound in Litsea japonica fruit. 2017 , 39, 168-174	3
722	A Review of Compounds for Prevention of Colorectal Cancer. 2017 , 3, 221-231	5
721	NEMO-IKK Are Essential for IRF3 and NF-B Activation in the cGAS-STING Pathway. 2017 , 199, 3222-3233	102
720	NF-B Participates in the Stem Cell Phenotype of Ovarian Cancer Cells. 2017 , 48, 343-351	23
719	Imidazo[1,2-a]pyrazine, Imidazo[1,5-a]quinoxaline and Pyrazolo[1,5-a]quinoxaline derivatives as IKK1 and IKK2 inhibitors. 2017 , 138, 909-919	18
718	The power of bioluminescence imaging in understanding host-pathogen interactions. 2017 , 127, 69-78	9
717	Polydatin exhibits the hepatoprotective effects through PPAR- α signaling pathway in Streptozocin-induced diabetic mice. 2017 , 36, 341-347	10
716	Alginate enhances Toll-like receptor 4-mediated phagocytosis by murine RAW264.7 macrophages. 2017 , 105, 1446-1454	32
715	Cardioprotective time-window of Penehyclidine hydrochloride postconditioning: A rat study. 2017 , 812, 48-56	3
714	Large-Scale Analysis of Drug Side Effects via Complex Regulatory Modules Composed of microRNAs, Transcription Factors and Gene Sets. 2017 , 7, 5962	1
713	Fish oil diet may reduce inflammatory levels in the liver of middle-aged rats. 2017 , 7, 6241	11
712	TRAF6 is a novel NS3-interacting protein that inhibits classical swine fever virus replication. 2017 , 7, 6737	19
711	Roburic Acid Suppresses NO and IL-6 Production via Targeting NF-B and MAPK Pathway in RAW264.7 Cells. 2017 , 40, 1959-1966	10

710	Osteoimmunology: The Conceptual Framework Unifying the Immune and Skeletal Systems. 2017 , 97, 1295-1349	206
709	The IKK/NF- κ B signaling pathway requires Morgana to drive breast cancer metastasis. 2017 , 8, 1636	59
708	Flucytosine and Amphotericin B Coadministration Induces Dose-Related Renal Injury. 2017 , 15, 1559325817703461	3461
707	N-Myc-Interacting Protein Negatively Regulates TNF- α -Induced NF- κ B Transcriptional Activity by Sequestering NF- κ B/p65 in the Cytoplasm. 2017 , 7, 14579	12
706	HBV X Protein induces overexpression of HERV-W env through NF- κ B in HepG2 cells. 2017 , 53, 797-806	22
705	NF- κ B signaling in inflammation. 2017 , 2,	2480
704	Andrographolide attenuates microglia-mediated A β neurotoxicity partially through inhibiting NF- κ B and JNK MAPK signaling pathway. 2017 , 39, 276-284	25
703	The DNA damage response promotes polyomavirus JC infection by nucleus to cytoplasm NF- κ B activation. 2017 , 14, 31	11
702	CXCL12/CXCR4 signaling mediated ERK1/2 activation in spinal cord contributes to the pathogenesis of postsurgical pain in rats. 2017 , 13, 1744806917718753	23
701	Novel augmentation by bufalin of protein kinase C-induced cyclooxygenase-2 and IL-8 production in human breast cancer cells. 2017 , 23, 54-66	5
700	Cystathionine γ -lyase Deficiency Exacerbates CCl-Induced Acute Hepatitis and Fibrosis in the Mouse Liver. 2017 , 27, 133-149	17
699	Roles of reactive oxygen species in cell signaling pathways and immune responses to viral infections. 2017 , 162, 603-610	61
698	Pannexin3 inhibits TNF- α -induced inflammatory response by suppressing NF- κ B signalling pathway in human dental pulp cells. 2017 , 21, 444-455	14
697	Relation of Transcriptional Factors to the Expression and Activity of Cytochrome P450 and UDP-Glucuronosyltransferases 1A in Human Liver: Co-Expression Network Analysis. 2017 , 19, 203-214	11
696	The effect of acute ophiobolin A treatment on HO-mediated inflammatory processes. 2017 , 36, 594-602	6
695	miR-429 is involved in regulation of NF- κ B activity by targeting IKK α and suppresses oncogenic activity in cervical cancer cells. 2017 , 591, 118-128	37
694	Negative pressure wound therapy inhibits inflammation and upregulates activating transcription factor-3 and downregulates nuclear factor- κ B in diabetic patients with foot ulcerations. 2017 , 33, e2871	17
693	Tumor Necrosis Factor α Induces the Expression of the Endothelial Cell-Specific Receptor Roundabout4 through the Nuclear Factor- κ B Pathway. 2017 , 40, 504-509	6

692	Effects of Resveratrol and Other Polyphenols on the Most Common Brain Age-Related Diseases. 2017 , 24, 4245-4266	44
691	Lipid Mediators in Inflammation. 2017 , 343-366	1
690	Anti-neuroinflammatory Activity of L. via Activation of Nrf2/HO-1 Signaling and Inhibition of p38 MAPK Pathway in LPS-Induced Microglia BV-2 Cells. 2017 , 8, 397	29
689	NF- κ B A Potential Target in the Management of Vascular Complications of Diabetes. 2017 , 8, 798	144
688	Subchronic arsenism-induced oxidative stress and inflammation contribute to apoptosis through mitochondrial and death receptor dependent pathways in chicken immune organs. 2017 , 8, 40327-40344	47
687	An Interleukin-6 Receptor Antibody Suppresses Atherosclerosis in Atherogenic Mice. 2017 , 4, 84	34
686	Inflammasomes in Inflammation-Induced Cancer. 2017 , 8, 271	65
685	Microglial Activation in the Pathogenesis of Huntington's Disease. 2017 , 9, 193	62
684	Apigenin Alleviates Endotoxin-Induced Myocardial Toxicity by Modulating Inflammation, Oxidative Stress, and Autophagy. 2017 , 2017, 2302896	35
683	15-Deoxy- Δ^2 -Prostaglandin J Exerts Antioxidant Effects While Exacerbating Inflammation in Mice Subjected to Ureteral Obstruction. 2017 , 2017, 3924912	2
682	Microorganisms in the human placenta are associated with altered CpG methylation of immune and inflammation-related genes. 2017 , 12, e0188664	14
681	NO-H 2 S-Releasing Chimeras as a Multifaceted Approach to Cancer Therapy. 2017 , 105-142	
680	TNF α /TNFR2 signaling is required for glial ensheathment at the dorsal root entry zone. 2017 , 13, e1006712	12
679	The role and mechanism of β -arrestins in cancer invasion and metastasis (Review). 2018 , 41, 631-639	26
678	Current Understanding of RANK Signaling in Osteoclast Differentiation and Maturation. 2017 , 40, 706-713	232
677	Neokestose suppresses the growth of human melanoma A2058 cells via inhibition of the nuclear factor- κ B signaling pathway. 2017 , 16, 295-300	7
676	A small molecule, (E)-2-methoxy-4-(3-(4-methoxyphenyl) prop-1-en-1-yl) phenol suppresses tumor growth via inhibition of I κ B kinase β in colorectal cancer and. 2017 , 8, 91258-91269	2
675	FAM172A controls endoplasmic reticulum (ER) stress related to NF- κ B signaling pathway in hepatocellular carcinoma. 2017 , 7, 51870-51878	1

674	NFkB is essential for activin-induced colorectal cancer migration via upregulation of PI3K-MDM2 pathway. 2017 , 8, 37377-37393	40
673	Zerumbone reduces proliferation of HCT116 colon cancer cells by inhibition of TNF-alpha. 2018 , 8, 4090	12
672	Integrity of IKK/NF-B Shields Thymic Stroma That Suppresses Susceptibility to Autoimmunity, Fungal Infection, and Carcinogenesis. 2018 , 40, e1700131	1
671	Involvement of Alveolar Macrophages and Neutrophils in Acute Lung Injury After Scorpion Envenomation: New Pharmacological Targets. 2018 , 41, 773-783	6
670	Amelioration of inflammatory responses by Socheongryong-Tang, a traditional herbal medicine, in RAW 264.7 cells and rats. 2018 , 41, 2771-2783	5
669	Punicalagin induces senescent growth arrest in human papillary thyroid carcinoma BCPAP cells via NF-B signaling pathway. 2018 , 103, 490-498	22
668	Protein phosphatase 2A as a new target for downregulating osteoclastogenesis and alleviating titanium particle-induced bone resorption. 2018 , 73, 488-499	15
667	IKKs and tumor cell plasticity. 2018 , 285, 2161-2181	5
666	Inhibitive Effect of Resveratrol on the Inflammation in Cultured Astrocytes and Microglia Induced by A β 2018 , 379, 390-404	34
665	Novel dual-targeting anti-proliferative dihydrotriazine-chalcone derivatives display suppression of cancer cell invasion and inflammation by inhibiting the NF-B signaling pathway. 2018 , 116, 238-248	15
664	Sirtuin 7 Deficiency Ameliorates Cisplatin-induced Acute Kidney Injury Through Regulation of the Inflammatory Response. 2018 , 8, 5927	31
663	Molecular chemoprevention by morin - A plant flavonoid that targets nuclear factor kappa B in experimental colon cancer. 2018 , 100, 367-373	35
662	Recent advances in osteoclast biology. 2018 , 149, 325-341	161
661	Anti-inflammatory effect of avenanthramides via NF-B pathways in C2C12 skeletal muscle cells. 2018 , 117, 30-36	25
660	IKKs required in the intestinal epithelial cells for tumour stemness. 2018 , 118, 839-846	5
659	Mechanical stretch-induced osteogenic differentiation of human jaw bone marrow mesenchymal stem cells (hJBMSCs) via inhibition of the NF-B pathway. 2018 , 9, 207	17
658	Recombinant Mtb9.8 of Mycobacterium bovis stimulates TNF- α and IL-1 β secretion by RAW264.7 macrophages through activation of NF-B pathway via TLR2. 2018 , 8, 1928	9
657	Bidirectional modulation between infiltrating CD3 T-lymphocytes and astrocytes in the spinal cord drives the development of allodynia in monoarthritic rats. 2018 , 8, 51	10

656	I κ B α inactivation promotes Kras-initiated lung adenocarcinoma development through disrupting major redox regulatory pathways. 2018 , 115, E812-E821	16
655	LRRC15 promotes osteogenic differentiation of mesenchymal stem cells by modulating p65 cytoplasmic/nuclear translocation. 2018 , 9, 65	11
654	MicroRNA-143 Targets ATG2B to Inhibit Autophagy and Increase Inflammatory Responses in Crohn's Disease. 2018 , 24, 781-791	27
653	Participation of the IKK- α complex in the inhibition of the TNF- α /NF- κ B pathway by glycine: Possible involvement of a membrane receptor specific to adipocytes. 2018 , 102, 120-131	13
652	Sirolimus-loaded biodegradable implants induce long lasting anti-inflammatory and antiangiogenic effects. 2018 , 44, 373-379	7
651	Mechanisms of genotype-phenotype correlation in autosomal dominant anhidrotic ectodermal dysplasia with immune deficiency. 2018 , 141, 1060-1073.e3	14
650	Chelidonine inhibits TNF- α -induced inflammation by suppressing the NF- κ B pathways in HCT116 cells. 2018 , 32, 65-75	30
649	A Novel Diterpenoid Suppresses Osteoclastogenesis and Promotes Osteogenesis by Inhibiting Irf1-Mediated and I κ B-Mediated p65 Nuclear Translocation. 2018 , 33, 667-678	38
648	Gankyrin: a novel promising therapeutic target for hepatocellular carcinoma. 2018 , 46, 1301-1313	16
647	Tangeretin ameliorates renal failure via regulating oxidative stress, NF- κ B-TNF- α -iNOS signalling and improves memory and cognitive deficits in 5/6 nephrectomized rats. 2018 , 26, 119-132	25
646	miR-377-3p drives malignancy characteristics via upregulating GSK-3 β expression and activating NF- κ B pathway in hCRC cells. 2018 , 119, 2124-2134	28
645	Genomic analysis of NF- κ B signaling pathway reveals its complexity in <i>Crassostrea gigas</i> . 2018 , 72, 510-518	7
644	NF- κ B signaling is key in the wound healing processes of silk fibroin. 2018 , 67, 183-195	83
643	Modulation of diverse oncogenic transcription factors by thymoquinone, an essential oil compound isolated from the seeds of <i>Nigella sativa</i> Linn. 2018 , 129, 357-364	36
642	LPS-induced Acute Lung Injury Involves NF- κ B-mediated Downregulation of SOX18. 2018 , 58, 614-624	36
641	Inhibition of granzyme B activity blocks inflammation induced by lipopolysaccharide through regulation of endoplasmic reticulum stress signaling in NK92 cells. 2018 , 18, 580-586	1
640	Anti-Cancer and Radio-Sensitizing Effects of Curcumin in Nasopharyngeal Carcinoma. 2018 , 24, 2121-2128	16
639	Dietary Tomato Powder Inhibits High-Fat Diet-Promoted Hepatocellular Carcinoma with Alteration of Gut Microbiota in Mice Lacking Carotenoid Cleavage Enzymes. 2018 , 11, 797-810	19

- 638 NF- κ B and Inflammatory Cytokine Signalling: Role in Skeletal Muscle Atrophy. **2018**, 1088, 267-279 79
- 637 Streptolysin O derived from *Streptococcus pyogenes* inhibits RANKL-induced osteoclastogenesis through the NF- κ B signaling pathway. **2019**, 19, 414-422 4
- 636 HMGN1 and R848 Synergistically Activate Dendritic Cells Using Multiple Signaling Pathways. **2018**, 9, 2982 13
- 635 Hepatocellular Carcinoma: Causes, Mechanism of Progression and Biomarkers. **2018**, 12, 9-26 74
- 634 Alisol B 23-Acetate Inhibits IgE/Ag-Mediated Mast Cell Activation and Allergic Reaction. **2018**, 19, 7
- 633 Elevated metabolic rate and skeletal muscle oxidative metabolism contribute to the reduced susceptibility of NF- κ B p50 null mice to obesity. **2018**, 6, e13836 2
- 632 Odd-skipped related transcription factor 1 (OSR1) suppresses tongue squamous cell carcinoma migration and invasion through inhibiting NF- κ B pathway. **2018**, 839, 33-39 12
- 631 TLR4/NF- κ B signaling activation in plantar tissue and dorsal root ganglion involves in the development of postoperative pain. **2018**, 14, 1744806918807050 22
- 630 The time-dependent cellular response mechanism upon exposure to zinc oxide nanoparticles. **2018**, 20, 1 3
- 629 Decoy Oligodeoxynucleotides, Polysaccharides, and Targeted Peptide-Functionalized Gold Nanorods for the Combined Treatment of Rheumatoid Arthritis. **2018**, 7, e1800982 4
- 628 Yes-associated protein (YAP) and transcriptional coactivator with PDZ-binding motif (TAZ) mediate cell density-dependent proinflammatory responses. **2018**, 293, 18071-18085 17
- 627 Effect of 5-aminolevulinic acid on the expression of carcinogenesis-related proteins in cultured primary hepatocytes. **2018**, 45, 2801-2809 3
- 626 IL-2-induced NF- κ B phosphorylation upregulates cation nonselective conductance in human cardiac fibroblasts. **2018**, 64, 170-174 4
- 625 TNF α sensitizes hepatocytes to FasL-induced apoptosis by NF κ B-mediated Fas upregulation. **2018**, 9, 909 21
- 624 ADT with antiandrogens in prostate cancer induces adverse effect of increasing resistance, neuroendocrine differentiation and tumor metastasis. **2018**, 439, 47-55 22
- 623 Osthole attenuates angiogenesis in an orthotopic mouse model of hepatocellular carcinoma via the downregulation of nuclear factor- κ B and vascular endothelial growth factor. **2018**, 16, 4471-4479 7
- 622 The BH3-only protein BAD mediates TNF α cytotoxicity despite concurrent activation of IKK and NF- κ B in septic shock. **2018**, 28, 701-718 7
- 621 Effect of protocatechuic acid on insulin responsiveness and inflammation in visceral adipose tissue from obese individuals: possible role for PTP1B. **2018**, 42, 2012-2021 40

620	Dietary polyphenols and neurogenesis: Molecular interactions and implication for brain ageing and cognition. 2018 , 90, 456-470	40
619	Hominis placenta Suppresses Acute Lung Inflammation by Activating Nrf2. 2018 , 46, 801-817	3
618	Anti-Inflammatory Effects of Lychee (Litchi chinensis Sonn.) Seed Peptide Hydrolysate on RAW 264.7 Macrophage Cells. 2018 , 32, 79-94	10
617	PAI1 blocks NMDA receptor-mediated effects of tissue-type plasminogen activator on cell signaling and physiology. 2018 , 131,	6
616	Osteoimmunology. 2018 , 261-282	1
615	Transduced PEP-1-Heme Oxygenase-1 Fusion Protein Attenuates Lung Injury in Septic Shock Rats. 2018 , 2018, 6403861	2
614	Genomic Approach to Asthma. 2018 ,	1
613	Raddeanin A inhibits growth and induces apoptosis in human colorectal cancer through downregulating the Wnt/ β -catenin and NF- κ B signaling pathway. 2018 , 207, 532-549	13
612	miRNA-125b Regulates Osteogenic Differentiation of Periodontal Ligament Cells Through NKIRAS2/NF- κ B Pathway. 2018 , 48, 1771-1781	22
611	DuCLOX-2/5 Inhibition Attenuates Inflammatory Response and Induces Mitochondrial Apoptosis for Mammary Gland Chemoprevention. 2018 , 9, 314	13
610	Lychee Seed Fraction Inhibits A β (1-42)-Induced Neuroinflammation in BV-2 Cells via NF- κ B Signaling Pathway. 2018 , 9, 380	15
609	CD8 T cells mediate the antitumor activity of frankincense and myrrh in hepatocellular carcinoma. 2018 , 16, 132	8
608	Polysaccharide SFP-F2 Activates the NF- κ B Signaling Pathway via CD14/IKK and P38 Axes in RAW264.7 Cells. 2018 , 16,	25
607	Ac2-26 Induces IKK β Degradation Through Chaperone-Mediated Autophagy Via HSPB1 in NCM-Treated Microglia. 2018 , 11, 76	19
606	Study on the influence of caffeic acid against sodium valproate-induced nephrotoxicity in rats. 2018 , 32, e22175	5
605	β Synuclein and Polyunsaturated Fatty Acids: Molecular Basis of the Interaction and Implication in Neurodegeneration. 2018 , 23,	28
604	Activation of AMPK prevents monocrotaline-induced pulmonary arterial hypertension by suppression of NF- κ B-mediated autophagy activation. 2018 , 208, 87-95	31
603	Distinct roles for IB kinases alpha and beta in regulating pulmonary endothelial angiogenic function during late lung development. 2018 , 22, 4410-4422	6

602	Palmitate-induced Slc2a4/GLUT4 downregulation in L6 muscle cells: evidence of inflammatory and endoplasmic reticulum stress involvement. 2018 , 17, 64	9
601	Atomic force microscopy technique used for assessment of the anti-arthritis effect of licochalcone A via suppressing NF- κ B activation. 2018 , 103, 1592-1601	7
600	Molecular changes associated with increased TNF- α -induced apoptosis in naive (T) and central memory (T) CD8+ T cells in aged humans. 2018 , 15, 2	7
599	Anti-inflammatory and ECM gene expression modulations of β -eudesmol via NF- κ B signaling pathway in normal human dermal fibroblasts. 2018 , 2,	11
598	Arginine inhibits the malignant transformation induced by interferon-gamma through the NF- κ B-GCN2/eIF2 β signaling pathway in mammary epithelial cells in vitro and in vivo. 2018 , 368, 236-247	5
597	Anti-cancer activities of Bharangin against breast cancer: Evidence for the role of NF- κ B and lncRNAs. 2018 , 1862, 2738-2749	24
596	Spinacetin Suppresses the Mast Cell Activation and Passive Cutaneous Anaphylaxis in Mouse Model. 2018 , 9, 824	8
595	Molecular Mechanisms of Apoptosis in Naive and Memory Human T-Cell Subsets. 2018 , 1-21	
594	Attenuation of inflammatory responses by (+)-syringaresinol via MAP-Kinase-mediated suppression of NF- κ B signaling in vitro and in vivo. 2018 , 8, 9216	29
593	The immunological synapse as a pharmacological target. 2018 , 134, 118-133	4
592	Sodium Fluoride (NaF) Induces Inflammatory Responses Via Activating MAPKs/NF- κ B Signaling Pathway and Reducing Anti-inflammatory Cytokine Expression in the Mouse Liver. 2019 , 189, 157-171	15
591	Mangiferin attenuates cisplatin-induced acute kidney injury in rats mediating modulation of MAPK pathway. 2019 , 452, 141-152	21
590	Rutin protects against lipopolysaccharide-induced mastitis by inhibiting the activation of the NF- κ B signaling pathway and attenuating endoplasmic reticulum stress. 2019 , 27, 77-88	16
589	IKK β deficiency disrupts the development of marginal zone and follicular B cells. 2019 , 20, 224-233	2
588	Dual Role of Reactive Oxygen Species in Muscle Function: Can Antioxidant Dietary Supplements Counteract Age-Related Sarcopenia?. 2019 , 20,	40
587	Silent mating-type information regulation 2 homolog 1 overexpression is an important strategy for the survival of adapted suspension tumor cells. 2019 , 110, 2773-2782	6
586	Inflammation and Inflammatory Cytokine Contribute to the Initiation and Development of Ulcerative Colitis and Its Associated Cancer. 2019 , 25, 1595-1602	64
585	Recent developments in the anti-inflammatory potential of sesquiterpene lactones and their semisynthetic analogs. 2019 , 185-205	1

584	Cancer and ER stress: Mutual crosstalk between autophagy, oxidative stress and inflammatory response. 2019 , 118, 109249	137
583	Azithromycin Polarizes Macrophages to an M2 Phenotype via Inhibition of the STAT1 and NF- κ B Signaling Pathways. 2019 , 203, 1021-1030	47
582	Anti-inflammatory effect of synthesized indole-based chalcone (2E)-3-(4-bromophenyl)-1-(1-indol-3-yl) prop-2-en-1-one: an and studies. 2019 , 41, 568-576	6
581	Soybean β -conglycinin caused intestinal inflammation and oxidative damage in association with NF- κ B, TOR and Nrf2 in juvenile grass carp (<i>Ctenopharyngodon idella</i>): varying among different intestinal segments. 2019 , 95, 105-116	13
580	Genome reading by the NF- κ B transcription factors. 2019 , 47, 9967-9989	51
579	Experimental dynamic sediment behavior under storm waves with a 50 year recurrence interval in the Yellow River Delta. 2019 , 2, 229-243	0
578	Improving the anti-inflammatory activity of 5-aminosalicylic acid by combination with cyanidin-3-glucoside: An in vitro study. 2019 , 63, 103586	3
577	Oncogenic Ras mutant causes the hyperactivation of NF- κ B via acceleration of its transcriptional activation. 2019 , 13, 2493-2510	8
576	Activation and Pro-Fibrotic Function of NF- κ B in Fibroblastic Cells During Pulmonary Inflammation and Fibrosis Induced by Carbon Nanotubes. 2019 , 10, 1140	20
575	Exendin-4 regulates Wnt and NF- κ B signaling in lipopolysaccharide-induced human periodontal ligament stem cells to promote osteogenic differentiation. 2019 , 75, 105801	17
574	Curcumin attenuates MSU crystal-induced inflammation by inhibiting the degradation of I κ B and blocking mitochondrial damage. 2019 , 21, 193	51
573	ROR α s crucial for attenuated inflammatory response to maintain intestinal homeostasis. 2019 , 116, 21140-21149	25
572	Role of Zinc in Immune System and Anti-Cancer Defense Mechanisms. 2019 , 11,	83
571	HPV-Mediated Resistance to TNF and TRAIL Is Characterized by Global Alterations in Apoptosis Regulatory Factors, Dysregulation of Death Receptors, and Induction of ROS/RNS. 2019 , 20,	11
570	Sodium Butyrate Inhibits the Inflammation of Lipopolysaccharide-Induced Acute Lung Injury in Mice by Regulating the Toll-Like Receptor 4/Nuclear Factor κ B Signaling Pathway. 2019 , 67, 1674-1682	39
569	Epstein-Barr Virus Latent Membrane Protein-1 Induces the Expression of SUMO-1 and SUMO-2/3 in LMP1-positive Lymphomas and Cells. 2019 , 9, 208	12
568	Evidence that TNF- α induces proliferation in colorectal cancer cells and resveratrol can down-modulate it. 2019 , 244, 1-12	17
567	Crosstalk between Fas and S1P signaling via NF- κ B in osteoclasts controls bone destruction in the TMJ due to rheumatoid arthritis. 2019 , 55, 12-19	9

566	Biological Actions of the Hsp90-binding Immunophilins FKBP51 and FKBP52. 2019 , 9,	34
565	Antidepressant-Like Effect and Mechanism of Action of Honokiol on the Mouse Lipopolysaccharide (LPS) Depression Model. 2019 , 24,	28
564	Suppression of miR-143 contributes to overexpression of IL-6, HIF-1 α and NF- κ B p65 in Cr(VI)-induced human exposure and tumor growth. 2019 , 378, 114603	13
563	Regulatory mechanisms of Robo4 and their effects on angiogenesis. 2019 , 39,	17
562	Translational challenges in advancing regenerative therapy for treating neurological disorders using nanotechnology. 2019 , 148, 60-67	14
561	Greater potency of adipocytes compared with preadipocytes under lipopolysaccharide exposure in grass carp <i>Ctenopharyngodon idella</i> . 2019 , 91, 343-349	1
560	Anti-cancer effect of marchantin C via inducing lung cancer cellular senescence associated with less secretory phenotype. 2019 , 1863, 1443-1457	6
559	<i>Cantharellus cibarius</i> branched mannans inhibits colon cancer cells growth by interfering with signals transduction in NF- κ B pathway. 2019 , 134, 770-780	8
558	Comparison of the Hepatoprotective Effects of the Three Main Stilbenes from Mulberry Twigs. 2019 , 67, 5521-5529	12
557	Association between Genetic Polymorphisms of Inflammatory Response Genes and Acute Pancreatitis. 2019 , 48, 585-596	3
556	GABA receptor activation attenuates inflammatory orofacial pain by modulating interleukin-1 β in satellite glial cells: Role of NF- κ B and MAPK signaling pathways. 2019 , 149, 240-250	9
555	NLRC5: A paradigm for NLRs in immunological and inflammatory reaction. 2019 , 451, 92-99	11
554	Identification of an immune signature predicting prognosis risk of patients in lung adenocarcinoma. 2019 , 17, 70	89
553	Kinensinoid attenuates osteoarthritis by repolarizing macrophages through inactivating NF- κ B/MAPK signaling and protecting chondrocytes. 2019 , 9, 973-985	74
552	Effects of <i>Moringa oleifera</i> leaf extract on growth performance, physiological and immune response, and related immune gene expression of <i>Macrobrachium rosenbergii</i> with <i>Vibrio anguillarum</i> and ammonia stress. 2019 , 89, 603-613	29
551	The tumor suppressor Sef is a scaffold for the classical NF- κ B/RELA:p53 signaling module. 2019 , 59, 110-121	3
550	Diallyl disulfide alleviates inflammatory osteolysis by suppressing osteoclastogenesis NF- κ B-NFATc1 signal pathway. 2019 , 33, 7261-7273	13
549	IKK β Promotes the Progression and Metastasis of Non-Small Cell Lung Cancer Independently of its Subcellular Localization. 2019 , 17, 251-262	3

548	Inflammatory cytokine-induced expression of MASTL is involved in hepatocarcinogenesis by regulating cell cycle progression. 2019 , 17, 3163-3172	5
547	Targeting High Mobility Group Box-1 (HMGB1) Promotes Cell Death in Myelodysplastic Syndrome. 2019 , 25, 4155-4167	9
546	PARP Inhibitor Protects Against Chronic Hypoxia/Reoxygenation-Induced Retinal Injury by Regulation of MAPKs, HIF1 α /Nrf2, and NF κ B. 2019 , 60, 1478-1490	24
545	Inhibitory effect of taxifolin on mast cell activation and mast cell-mediated allergic inflammatory response. 2019 , 71, 205-214	11
544	The secret messages between mitochondria and nucleus in muscle cell biology. 2019 , 666, 52-62	15
543	Phosphorylated NF- κ B subunit p65 aggregates in granulovacuolar degeneration and neurites in neurodegenerative diseases with tauopathy. 2019 , 704, 229-235	12
542	Does Decompressive Duraplasty Have a Neuroprotective Effect on Spinal Trauma?: An Experimental Study. 2019 , 126, e288-e294	5
541	is inactivated due to promoter methylation and functions in colorectal cancer as a tumour suppressor. 2019 , 11, 2517-2529	5
540	Essential Roles for the Non-Canonical IB Kinases in Linking Inflammation to Cancer, Obesity, and Diabetes. 2019 , 8,	21
539	miR-3664-5P suppresses the proliferation and metastasis of gastric cancer by attenuating the NF- κ B signaling pathway through targeting MTDH. 2019 , 54, 845-858	15
538	Mannan-Binding Lectin Suppresses Peptidoglycan-Induced TLR2 Activation and Inflammatory Responses. 2019 , 2019, 1349784	8
537	Therapeutic Approaches of Resveratrol on Endometriosis via Anti-Inflammatory and Anti-Angiogenic Pathways. 2019 , 24,	44
536	Antioxidants & bronchopulmonary dysplasia: Beating the system or beating a dead horse?. 2019 , 142, 138-145	9
535	Activation of PLC γ /AKT/IB κ p65 signaling increases inflammation in mast cells to promote growth of cutaneous neurofibroma. 2019 , 239, 117079	5
534	Pin1 Plays Essential Roles in NASH Development by Modulating Multiple Target Proteins. 2019 , 8,	4
533	Interplay Between Macrophages and Angiogenesis: A Double-Edged Sword in Liver Disease. 2019 , 10, 2882	16
532	Human Postprandial Nutrient Metabolism and Low-Grade Inflammation: A Narrative Review. 2019 , 11,	13
531	Roles of DNA repair enzyme OGG1 in innate immunity and its significance for lung cancer. 2019 , 194, 59-72	25

530	Molecular aspects of pancreatic β -cell dysfunction: Oxidative stress, microRNA, and long noncoding RNA. 2019 , 234, 8411-8425	46
529	L-Type Calcium Channel-Mediated Zinc Wave Is Involved in the Regulation of IL-6 by Stimulating Non-IgE with LPS and IL-33 in Mast Cells and Dendritic Cells. 2019 , 42, 87-93	8
528	Esculentoside H inhibits colon cancer cell migration and growth through suppression of MMP-9 gene expression via NF- κ B signaling pathway. 2019 , 120, 9810-9819	14
527	The impact of NF- κ B signaling on pathogenesis and current treatment strategies in multiple myeloma. 2019 , 34, 56-66	44
526	Cannabinoid Receptor 2 Agonist Prevents Local and Systemic Inflammatory Bone Destruction in Rheumatoid Arthritis. 2019 , 34, 739-751	17
525	N-3 polyunsaturated fatty acids and clozapine abrogates poly I: C-induced immune alterations in primary hippocampal neurons. 2019 , 90, 186-196	7
524	Saikosaponin B2 Suppresses Inflammatory Responses Through IKK/ $\text{I}\kappa\text{B}$ /NF- κ B Signaling Inactivation in LPS-Induced RAW 264.7 Macrophages. 2019 , 42, 342-353	13
523	Inhibition of NF- κ B improves sensitivity to irradiation and EGFR-TKIs and decreases irradiation-induced lung toxicity. 2019 , 144, 200-209	9
522	Osteoimmunology. 2019 , 9,	33
521	Targeting $\text{I}\kappa\text{B}$ kinases for cancer therapy. 2019 , 56, 12-24	27
520	Nurr1: A vital participant in the TLR4-NF- κ B signal pathway stimulated by β -synuclein in BV-2 cells. 2019 , 144, 388-399	31
519	Increased inducible nitric oxide synthase (iNOS) expression in human myocardial infarction. 2020 , 134, 575-581	12
518	Interleukin-36 family dysregulation drives joint inflammation and therapy response in psoriatic arthritis. 2020 , 59, 828-838	15
517	Molecular cloning, functional characterization and expression analysis of p65 subunit of golden pompano (<i>Trachinotus ovatus</i>) and response to high fat diet and LPS administration. 2020 , 514, 734508	10
516	Triptolide dysregulates glucose uptake via inhibition of IKK/ $\text{I}\kappa\text{B}$ /NF- κ B pathway by p53 activation in cardiomyocytes. 2020 , 318, 1-11	7
515	SENP1-mediated NEMO de-SUMOylation inhibits intermittent hypoxia induced inflammatory response of microglia in vitro. 2020 , 235, 3529-3538	7
514	Serum amyloid A1 mediates myotube atrophy via Toll-like receptors. 2020 , 11, 103-119	23
513	Impaired NF- κ B signalling underlies cyclophilin D-mediated mitochondrial permeability transition pore opening in doxorubicin cardiomyopathy. 2020 , 116, 1161-1174	26

512	Mycobacterium tuberculosis-Secreted Protein, ESAT-6, Inhibits Lipopolysaccharide-Induced MMP-9 Expression and Inflammation Through NF- κ B and MAPK Signaling in RAW 264.7 Macrophage Cells. 2020 , 43, 54-65	7
511	Unmethylated CpG motif-containing genomic DNA fragment of promotes macrophage functions through TLR9-mediated activation of NF- κ B and MAPKs signaling pathways. 2020 , 26, 183-203	4
510	Phillygenin inhibits LPS-induced activation and inflammation of LX2 cells by TLR4/MyD88/NF- κ B signaling pathway. 2020 , 248, 112361	29
509	Spirulina platensis ameliorates the sub chronic toxicities of lead in rabbits via anti-oxidative, anti-inflammatory, and immune stimulatory properties. 2020 , 701, 134879	36
508	Long non-coding RNAs and nuclear factor- κ B crosstalk in cancer and other human diseases. 2020 , 1873, 188316	46
507	Corynebacterium tuberculostearicum, a human skin colonizer, induces the canonical nuclear factor- κ B inflammatory signaling pathway in human skin cells. 2020 , 8, 62-79	5
506	Study on mechanism of synthetic astaxanthin and Haematococcus pluvialis improving the growth performance and antioxidant capacity under acute hypoxia stress of golden pompano (Trachinotus ovatus) and enhancing anti-inflammatory by activating Nrf2-ARE pathway to antagonize the NF- κ B pathway. 2020 , 518, 734657	20
505	Dietary Supplementation of n-3 LCPUFAs Prevents Salmonellosis in a Murine Model. 2020 , 68, 128-137	8
504	Molecular characterization and function analysis of Epinephelus coioides Hsp22 response to SGIV and Vibrio alginolyticus infection. 2020 , 97, 125-134	8
503	Green synthesis and formulation a modern chemotherapeutic drug of Spinacia oleracea L. leaf aqueous extract conjugated silver nanoparticles; Chemical characterization and analysis of their cytotoxicity, antioxidant, and anti-acute myeloid leukemia properties in comparison to doxorubicin in a leukemic mouse model. 2020 , 34, e5295	8
502	Cyclin-Dependent Kinase 9 (CDK9) Inhibitor Atuveciclib Suppresses Intervertebral Disk Degeneration via the Inhibition of the NF- κ B Signaling Pathway. 2020 , 8, 579658	1
501	Neuroinflammation in Primary Open-Angle Glaucoma. 2020 , 9,	20
500	Regulation of Vascular Calcification by Reactive Oxygen Species. 2020 , 9,	14
499	Molecular characterization, inducible expression and functional analysis of an IKK β from the tropical sea cucumber Holothuria leucospilota. 2020 , 104, 622-632	2
498	Triphenyl phosphate exposure induces kidney structural damage and gut microbiota disorders in mice under different diets. 2020 , 144, 106054	5
497	Microglia as therapeutic target in central nervous system disorders. 2020 , 144, 102-118	10
496	The tea catechin epigallocatechin gallate inhibits NF- κ B-mediated transcriptional activation by covalent modification. 2020 , 695, 108620	8
495	Quantitative transcriptomics, and lipidomics in evaluating ovarian developmental effects in Atlantic cod (Gadus morhua) caged at a capped marine waste disposal site. 2020 , 189, 109906	2

494	Comprehensive Review of Bioactive and Molecular Aspects of Moringa Oleifera Lam. 2020 , 1-34	4
493	Activates NF- κ B Signaling via Redundant Pathways. 2020 , 8, 558283	0
492	Synthesis, Molecular Modeling and Biological Evaluation of Metabolically Stable Analogues of the Endogenous Fatty Acid Amide Palmitoylethanolamide. 2020 , 21,	1
491	Molecular cloning, functional characterization and expression analysis of P65 subunit in response to GCRV infection in rare minnow (<i>Gobiocypris rarus</i>). 2020 , 113, 103786	1
490	Mathematical modeling of canonical and non-canonical NF- κ B pathways in TNF stimulation. 2020 , 196, 105677	2
489	Childhood Obesity, Endothelial Cell Activation, and Critical Illness. 2020 , 8, 441	3
488	Targeting NF- κ B Signaling by Calebin A, a Compound of Turmeric, in Multicellular Tumor Microenvironment: Potential Role of Apoptosis Induction in CRC Cells. 2020 , 8,	27
487	Inhibiting the PI3K/Akt, NF- κ B signalling pathways with syringic acid for attenuating the development of oral squamous cell carcinoma cells SCC131. 2020 , 72, 1595-1606	6
486	Anti-inflammatory activities of green tea catechins along the gut-liver axis in nonalcoholic fatty liver disease: lessons learned from preclinical and human studies. 2020 , 85, 108478	13
485	Role of Caspase-1 in the Pathogenesis of Inflammatory-Associated Chronic Noncommunicable Diseases. 2020 , 13, 749-764	6
484	NF- κ B signaling induces inductive expression of the downstream molecules and IgD gene in the freshwater carp,. 2020 , 10, 445	0
483	Intercellular delivery of NF- κ B inhibitor peptide utilizing small extracellular vesicles for the application of anti-inflammatory therapy. 2020 , 328, 435-443	3
482	The protective effect of Morin against ifosfamide-induced acute liver injury in rats associated with the inhibition of DNA damage and apoptosis. 2020 , 1-10	9
481	miR-346-3p promotes osteoclastogenesis via inhibiting TRAF3 gene. 2020 , 56, 533-542	4
480	Transgenic inhibition of astroglial NF- κ B restrains the neuroinflammatory and neurodegenerative outcomes of experimental mouse glaucoma. 2020 , 17, 252	13
479	A Novel Mechanism for NF- κ B-activation via I κ B-aggregation: Implications for Hepatic Mallory-Denk-Body Induced Inflammation. 2020 , 19, 1968-1986	6
478	AphaMax, an Aphanizomenon Flos-Aquae Aqueous Extract, Exerts Intestinal Protective Effects in Experimental Colitis in Rats. 2020 , 12,	0
477	Signaling Pathways Implicated in Carbon Nanotube-Induced Lung Inflammation. 2020 , 11, 552613	6

476	Reduced Nhe1 (Na-H Exchanger-1) Function Protects ApoE-Deficient Mice From Ang II (Angiotensin II)-Induced Abdominal Aortic Aneurysms. 2020 , 76, 87-100	1
475	Dendritic cells-derived interferon- γ ameliorated inflammatory bone destruction through inhibiting osteoclastogenesis. 2020 , 11, 414	12
474	Changes in gene expression patterns in postmortem human myocardial infarction. 2020 , 134, 1753-1763	2
473	Impact of novel N-aryl substituted piperamide on NF-kappa B translocation as a potent anti-neuroinflammatory agent. 2020 , 127, 110199	7
472	Temporal transcriptomic analysis of human primary keratinocytes exposed to β -naphthoflavone highlights the protective efficacy of skin to environmental pollutants. 2020 , 65, 104822	1
471	S100A9-RAGE Axis Accelerates Formation of Macrophage-Mediated Extracellular Vesicle Microcalcification in Diabetes Mellitus. 2020 , 40, 1838-1853	21
470	Mitigation of ALS Pathology by Neuron-Specific Inhibition of Nuclear Factor Kappa B Signaling. 2020 , 40, 5137-5154	23
469	UL16-Binding Protein 1 Induced HTR-8/SVneo Autophagy via NF-B Suppression Mediated by TNF-Secreted through uNK Cells. 2020 , 2020, 9280372	1
468	The effect of bone inhibitors on periosteum-guided cartilage regeneration. 2020 , 10, 8372	3
467	MiR-106b inhibition suppresses inflammatory bone destruction of wear debris-induced periprosthetic osteolysis in rats. 2020 , 24, 7490-7503	6
466	Frequent upregulation of G9a promotes RelB-dependent proliferation and survival in multiple myeloma. 2020 , 9, 8	6
465	Microenvironmental Alterations in Carbon Nanotube-Induced Lung Inflammation and Fibrosis. 2020 , 8, 126	4
464	Sikyungbanha-Tang Suppressing Acute Lung Injury in Mice Is Related to the Activation of Nrf2 and TNFAIP3. 2020 , 2020, 8125758	1
463	New uracil analog U-332 is an inhibitor of NF-B in 5-fluorouracil-resistant human leukemia HL-60 cell line. 2020 , 21, 18	1
462	Interleukin-1 β -Induced Senescence Promotes Osteoblastic Transition of Vascular Smooth Muscle Cells. 2020 , 45, 314-330	23
461	Enhanced Expression of Catalase in Mitochondria Modulates NF-B-Dependent Lung Inflammation through Alteration of Metabolic Activity in Macrophages. 2020 , 205, 1125-1134	7
460	A marine fungus-derived nitrobenzoyl sesquiterpenoid suppresses receptor activator of NF-B ligand-induced osteoclastogenesis and inflammatory bone destruction. 2020 , 177, 4242-4260	10
459	Rabies viruses of different virulence regulates inflammatory responses both in vivo and in vitro via MAPK and NF-B pathway. 2020 , 125, 70-82	2

458	Targeting Evolutionary Conserved Oxidative Stress and Immunometabolic Pathways for the Treatment of Respiratory Infectious Diseases. 2020 , 32, 993-1013	12
457	The methanol extract of <i>Guettarda speciosa</i> Linn. Ameliorates acute lung injury in mice. 2020 , 20, 40	1
456	Inhibits the Differentiation of Osteoclasts and Prevents Ovariectomy-Induced Bone Loss. 2020 , 2020, 1927017	2
455	Bone marrow niches in haematological malignancies. 2020 , 20, 285-298	134
454	Hemoglobin oxidation generates globin-derived peptides in atherosclerotic lesions and intraventricular hemorrhage of the brain, provoking endothelial dysfunction. 2020 , 100, 986-1002	13
453	Effects of dietary copper on growth, antioxidant capacity and immune responses of juvenile blunt snout bream (<i>Megalobrama amblycephala</i>) as evidenced by pathological examination. 2020 , 17, 100296	5
452	A synbiotic combination of <i>Lactobacillus gasseri</i> 505 and <i>Cudrania tricuspidata</i> leaf extract prevents hepatic toxicity induced by colorectal cancer in mice. 2020 , 103, 2947-2955	7
451	The role of mitochondria in redox signaling of muscle homeostasis. 2020 , 9, 386-393	15
450	E3 ubiquitin ligase TRIM7 negatively regulates NF-kappa B signaling pathway by degrading p65 in lung cancer. 2020 , 69, 109543	14
449	Enhancing the immunogenicity of a DNA vaccine against <i>Streptococcus mutans</i> by attenuating the inhibition of endogenous miR-9. 2020 , 38, 1424-1430	7
448	Toll-like receptors: exploring their potential connection with post-operative infectious complications and cancer recurrence. 2020 , 37, 225-239	4
447	Pin1 promotes pancreatic cancer progression and metastasis by activation of NF-B-IL-18 feedback loop. 2020 , 53, e12816	11
446	Magnoflorine Suppresses MAPK and NF-B Signaling to Prevent Inflammatory Osteolysis Induced by Titanium Particles and Osteoclastogenesis RANKL. 2020 , 11, 389	12
445	An innovative cell model revealed the inhibitory effect of flavanone structure on peroxynitrite production through interaction with the IKK α kinase domain at ATP binding site. 2020 , 8, 2904-2912	
444	Molecular mechanisms of action of naringenin in chronic airway diseases. 2020 , 879, 173139	29
443	Ethyl-p-methoxycinnamate enhances oct4 expression and reinforces pluripotency through the NF-B signaling pathway. 2020 , 177, 113984	3
442	The JNK Signaling Pathway in Inflammatory Skin Disorders and Cancer. 2020 , 9,	51
441	Review: Microglia in motor neuron disease. 2021 , 47, 179-197	5

440	Inflammatory Diseases and Vitamin E-What Do We Know and Where Do We Go?. 2021 , 65, e2000097	15
439	NLRP3 Inhibition Ameliorates Severe Cutaneous Autoimmune Manifestations in a Mouse Model of Autoimmune Polyendocrinopathy-Candidiasis-Ectodermal Dystrophy-Like Disease. 2021 , 141, 1404-1415	3
438	Methylmercury chloride exposure aggravates proinflammatory mediators and Notch-1 signaling in CD14 and CD40 cells and is associated with imbalance of neuroimmune function in BTBR T Itpr3tf/J mice. 2021 , 82, 9-17	2
437	The effect of metformin on indomethacin-induced gastric ulcer: Involvement of nitric oxide/Rho kinase pathway. 2021 , 892, 173812	9
436	Exploring the extensive crosstalk between the antagonistic cytokines- TGF- β and TNF- α regulating cancer pathogenesis. 2021 , 138, 155348	8
435	Neuroimmune crosstalk and evolving pharmacotherapies in neurodegenerative diseases. 2021 , 162, 160-178	5
434	Platonin, a Cyanine Photosensitizing Dye, Ameliorates Inflammatory Responses in Vascular Smooth Muscle Cells by Modulating Inflammatory Transcription Factors. 2021 , 11, 1130	0
433	Exploring the Pivotal Immunomodulatory and Anti-Inflammatory Potentials of Glycyrrhizic and Glycyrrhetic Acids. 2021 , 2021, 6699560	16
432	Role of Histone Deacetylases in Monocyte Function in Health and Chronic Inflammatory Diseases. 2021 , 180, 1-47	1
431	Epithelial and Immune Cell Responses to Helicobacter pylori That Shape the Gastric Tumor Microenvironment. 2021 , 155-197	
430	Measuring NF- κ B Phosphorylation and Acetylation. 2021 , 2366, 3-17	
429	Visfatin: An emerging adipocytokine bridging the gap in the evolution of cardiovascular diseases. 2021 , 236, 6282-6296	7
428	Does COVID-19-related cachexia mimic cancer-related cachexia? Examining mechanisms, clinical biomarkers, and potential targets for clinical management. 2021 , 12, 519-522	5
427	The immunoregulatory role of p21 in the development of the temporomandibular joint-osteoarthritis. 2021 , 7, 313-322	2
426	Regulatory long non-coding RNAs of hepatic stellate cells in liver fibrosis (Review). 2021 , 21, 351	2
425	The Protective Effects of Maresin 1 in the OVA-Induced Asthma Mouse Model. 2021 , 2021, 4131420	5
424	Attribution of NF- κ B Activity to CHUK/IKK β Involved Carcinogenesis. 2021 , 13,	0
423	Palmitoylethanolamide Modulation of Microglia Activation: Characterization of Mechanisms of Action and Implication for Its Neuroprotective Effects. 2021 , 22,	6

422	From Liver Fat to Cancer: Perils of the Western Diet. 2021 , 13,	6
421	The impact of the 24-h movement spectrum on vascular remodeling in older men and women: a review. 2021 , 320, H1136-H1155	1
420	Soluble (pro)renin receptor induces endothelial dysfunction and hypertension in mice with diet-induced obesity via activation of angiotensin II type 1 receptor. 2021 , 135, 793-810	11
419	A heterozygous N-terminal truncation mutation of results in an impaired NF- κ B dependent inflammatory response.. 2022 , 9, 176-186	0
418	Traditionally Used Natural Products in Preventing Ionizing Radiation-Induced Dermatitis: First Review on the Clinical Studies. 2021 ,	2
417	Pparg drives luminal differentiation and luminal tumor formation in the urothelium.	
416	Transcriptional Profiles of Genes Related to Stress and Immune Response in Rainbow Trout () Symptomatically or Asymptomatically Infected With. 2021 , 12, 639489	1
415	Recombinant fusion protein by lysozyme and antibacterial peptide enhances ischemic wound healing via angiogenesis and reduction of inflammation in diabetic mice. 2021 , 9, e11256	1
414	NF- κ B Blockade with Oral Administration of Dimethylaminoparthenolide (DMAPT), Delays Prostate Cancer Resistance to Androgen Receptor (AR) Inhibition and Inhibits AR Variants. 2021 , 19, 1137-1145	1
413	's Strategies and Effector Mechanisms for Host Cell Transformation: From Invasion to Immortalization. 2021 , 9, 662805	0
412	Age-Related Alterations at Neuromuscular Junction: Role of Oxidative Stress and Epigenetic Modifications. 2021 , 10,	3
411	Role of extract as medicinal food on reflux esophagitis in rats. 2021 , 9, 3114-3122	0
410	Modulation of Bovine Endometrial Cell Receptors and Signaling Pathways as a Nanotherapeutic Exploration against Dairy Cow Postpartum Endometritis. 2021 , 11,	1
409	The mitochondrial redistribution of eNOS is involved in lipopolysaccharide induced inflammasome activation during acute lung injury. 2021 , 41, 101878	3
408	miR-9-5p promotes wear-particle-induced osteoclastogenesis through activation of the SIRT1/NF- κ B pathway. 2021 , 11, 258	0
407	The zinc finger protein Miz1 suppresses liver tumorigenesis by restricting hepatocyte-driven macrophage activation and inflammation. 2021 , 54, 1168-1185.e8	5
406	Protective Effects of Silibinin on -induced Gastritis: NF- κ B and STAT3 as Potential Targets. 2021 , 26, 118-127	1
405	Susceptibility of cyclin-dependent kinase inhibitor 1-deficient mice to rheumatoid arthritis arising from interleukin-1 α -induced inflammation. 2021 , 11, 12516	0

404	Redox Homeostasis in Muscular Dystrophies. 2021 , 10,	6
403	Antiviral Activity of Plant Extract in HIV-1 Latently Infected Cells Using an Established Human Cell Line. 2021 ,	1
402	Titanium Culture Vessel Capable of Controlling Culture Temperature for Evaluation of Cell Thermotolerance. 2021 , 70, 479-485	
401	Migration and Adhesion of B-Lymphocytes to Specific Microenvironments in Mantle Cell Lymphoma: Interplay between Signaling Pathways and the Epigenetic Landscape. 2021 , 22,	0
400	Folding and Stability of Ankyrin Repeats Control Biological Protein Function. 2021 , 11,	3
399	CYLD Inhibits the Development of Skin Squamous Cell Tumors in Immunocompetent Mice. 2021 , 22,	1
398	Role of NF- κ B in Ageing and Age-Related Diseases: Lessons from Genetically Modified Mouse Models. 2021 , 10,	16
397	The protective role of etoricoxib against diethylnitrosamine/2-acetylaminofluorene-induced hepatocarcinogenesis in Wistar rats: The impact of NF- κ B/COX-2/PGE2 signaling. 2021 ,	4
396	Sepsis induces variation of intestinal barrier function in different phase through nuclear factor kappa B signaling. 2021 , 25, 375-383	0
395	Protein PE6 (Rv0335c), a Novel TLR4 Agonist, Evokes an Inflammatory Response and Modulates the Cell Death Pathways in Macrophages to Enhance Intracellular Survival. 2021 , 12, 696491	7
394	Immune Intervention in Sepsis. 2021 , 12, 718089	0
393	Targeting Glycogen Synthase Kinase 3 Beta Regulates CD47 Expression After Myocardial Infarction in Rats via the NF- κ B Signaling Pathway. 2021 , 12, 662726	1
392	Therapeutic perspective of thiosemicarbazones derivatives in inflammatory pathologies: A summary of in vitro/in vivo studies. 2021 , 96, 107778	4
391	Gingolic Acid Suppresses Nasopharyngeal Carcinoma Growth by Inducing Apoptosis and Inhibiting Signaling. 2021 , 24, 806-816	0
390	PCA-based unsupervised feature extraction for gene expression analysis of COVID-19 patients. 2021 , 11, 17351	2
389	Prostate Apoptotic Induction and NF κ B Suppression by Dammarolic Acid: Mechanistic Insight into Onco-Therapeutic Action of an Aglycone Asiaticoside. 2021 , 43, 932-940	2
388	NF- κ B and neutrophil extracellular traps cooperate to promote breast cancer progression and metastasis. 2021 , 405, 112707	5
387	Molecular regulation of neuroinflammation in glaucoma: Current knowledge and the ongoing search for new treatment targets. 2021 , 100998	6

386	NF- κ B Rel subunit exchange on a physiological timescale. 2021 , 30, 1818-1832	1
385	Suramin attenuates intervertebral disc degeneration by inhibiting NF- κ B signalling pathway. 2021 , 10, 498-513	3
384	Unraveling the intracellular cross-talk governing the balance between TNF α -mediated survival and apoptosis signaling.	
383	NF- κ B and Pancreatic Cancer; Chapter and Verse. 2021 , 13,	6
382	MEST promotes lung cancer invasion and metastasis by interacting with VCP to activate NF- κ B signaling. 2021 , 40, 301	2
381	Control of Neuroinflammation through Radiation-Induced Microglial Changes. 2021 , 10,	6
380	The NF- κ B Transcriptional Footprint Is Essential for SARS-CoV-2 Replication. 2021 , 95, e0125721	11
379	Out of Control: The Role of the Ubiquitin Proteasome System in Skeletal Muscle during Inflammation. 2021 , 11,	4
378	Design, synthesis, and biological evaluation of potent 1,2,3,4-tetrahydroisoquinoline derivatives as anticancer agents targeting NF- κ B signaling pathway. 2021 , 46, 116371	0
377	Peiminine Suppresses RANKL-Induced Osteoclastogenesis by Inhibiting the NFATc1, ERK, and NF- κ B Signaling Pathways. 2021 , 12, 736863	3
376	Inflammation and sarcopenia: A focus on circulating inflammatory cytokines. 2021 , 154, 111544	5
375	Bisabolane-type sesquiterpenoids: Structural diversity and biological activity. 2021 , 192, 112927	3
374	Cichoric Acid Ameliorates Monosodium Urate-Induced Inflammatory Response by Reducing NLRP3 Inflammasome Activation via Inhibition of NF- κ B Signaling Pathway. 2021 , 2021, 8868527	3
373	TAK1 blockade as a therapy for retinal neovascularization.	1
372	Functional Mechanisms of Green Tea Polyphenols and Their Molecular Targets in Prevention of Multiple Cancers. 2021 , 587-605	
371	Immune regulation by ubiquitin conjugation. 2006 , 584, 207-17	6
370	Epstein-Barr Virus Transforming Proteins: Biologic Properties and Contribution to Oncogenesis. 2009 , 259-284	7
369	Specific properties of a C-terminal truncated androgen receptor detected in hormone refractory prostate cancer. 2008 , 617, 529-34	19

368	The LT beta R signaling pathway. 2007 , 597, 160-72	20
367	LMP1 TRAFficking activates growth and survival pathways. 2007 , 597, 173-87	108
366	Structural revelations of TRAF2 function in TNF receptor signaling pathway. 2007 , 597, 93-113	15
365	C3a receptors signaling in mast cells. 2007 , 598, 126-40	3
364	A Matter of Life and Death of T-Lymphocytes in Immunosenescence. 2007 , 44-56	1
363	The Role of Reactive Nitrogen Species (RNS) in the Activation of Nuclear Factor Kappa B (NFkB) and Its Implications for Biological Systems: The Question of Balance. 2008 , 67-109	2
362	Chronic Inflammation in the Metabolic Syndrome: Emphasis on Adipose Tissue. 2009 , 65-84	5
361	A role for neuronal NF-B in suppressing neuroinflammation and promoting neuroprotection in the CNS. 2011 , 691, 575-81	18
360	Assaying NF-B activation and signaling from TNF receptors. 2014 , 1155, 1-14	5
359	Chromatin immunoprecipitation analysis of bortezomib-mediated inhibition of NFB recruitment to IL-1 and TNF gene promoters in human macrophages. 2014 , 1172, 315-27	9
358	Role of NF-B Activation in Macrophages. 2014 , 447-462	1
357	Methods to detect NF-B acetylation and methylation. 2015 , 1280, 395-409	8
356	Analysis of nucleocytoplasmic shuttling of NF kappa B proteins in human leukocytes. 2008 , 457, 279-92	6
355	Chemosensitization of tumor cells: inactivation of nuclear factor-kappa B associated with chemosensitivity in melanoma cells after combination treatment with E2F-1 and doxorubicin. 2009 , 542, 301-13	5
354	BAFF Receptor Regulation of Peripheral B-Lymphocyte Survival and Development. 2009 , 19-41	3
353	The NF-B Signaling Pathway in GBMs: Implications for Apoptotic and Inflammatory Responses and Exploitation for Therapy. 2009 , 1011-1036	3
352	Postnatal Hypoxia and the Developing Brain: Cellular and Molecular Mechanisms of Injury. 2009 , 255-276	1
351	Dissecting TNF-TNFR1/TNFR2 signaling pathways in vasculature. 2010 , 137-159	1

350	Molecular architecture of signal complexes regulating immune cell function. 2008 , 327-63	19
349	Epstein-Barr virus signal transduction and B-lymphocyte growth transformation. 2004 , 36, 269-88	13
348	TNF/TNF Receptors. 2010 , 161-177	4
347	Analogies between Drosophila and mammalian TRAF pathways. 2004 , 34, 47-72	16
346	Mechanisms of Transcriptional Activation in Eukaryotes. 2004 , 3-31	2
345	Cancer Cachexia (CC). 2012 , 65-84	1
344	The Intestinal Microbiota and the Microbiome. 2008 , 73-92	3
343	Effects of aerial exposure on oxidative stress, antioxidant and non-specific immune responses of juvenile sea cucumber <i>Apostichopus japonicus</i> under low temperature. 2020 , 101, 58-65	7
342	Nutrigenomics of ω 3 fatty acids: Regulators of the master transcription factors. 2017 , 41, 90-96	34
341	Up-regulation of Cyclin D1 by HBx Is Mediated by NF- κ B/BCL3 Complex through B Site of Cyclin D1 Promoter. 2006 , 281, 31770-31777	13
340	Chapter 2:Inflammation after Solar Radiation. 25-63	2
339	Colorectal cancer (CRC) as a multifactorial disease and its causal correlations with multiple signaling pathways. 2020 , 40,	23
338	Insights into Functional Connectivity in Mammalian Signal Transduction Pathways by Pairwise Comparison of Protein Interaction Partners of Critical Signaling Hubs.	5
337	Crystal structure of (1R,3S,8R,11R)-11-acetyl-3,7,7-trimethyl-10-oxatri-cyclo-[6.4.0.0(1,3)]dodecan-9-one. 2015 , 71, o1013-4	1
336	I κ B α and I κ B β possess injury context-specific functions that uniquely influence hepatic NF- κ B induction and inflammation. 2004 , 113, 746-55	60
335	A role for surface lymphotoxin in experimental autoimmune encephalomyelitis independent of LIGHT. 2003 , 112, 755-67	46
334	IKK/NF- κ B signaling: balancing life and death--a new approach to cancer therapy. 2005 , 115, 2625-32	616
333	Targeted ablation of IKK2 improves skeletal muscle strength, maintains mass, and promotes regeneration. 2006 , 116, 2945-54	236

332	Proteasome-mediated degradation of IκBα and processing of p105 in Crohn disease and ulcerative colitis. 2006 , 116, 3195-203	125
331	Role for IKK2 in muscle: waste not, want not. 2006 , 116, 2866-8	12
330	PKCθ promotes c-Rel-driven mammary tumorigenesis in mice and humans by repressing estrogen receptor α synthesis. 2007 , 117, 4009-21	54
329	TNF-α drives remodeling of blood vessels and lymphatics in sustained airway inflammation in mice. 2009 , 119, 2954-64	155
328	Conditional ablation of IκB inhibits melanoma tumor development in mice. 2010 , 120, 2563-74	73
327	MicroRNA-30e* promotes human glioma cell invasiveness in an orthotopic xenotransplantation model by disrupting the NF-κB/IκB negative feedback loop. 2012 , 122, 33-47	122
326	Dominant-negative NFKB1A mutation promotes IL-1β production causing hepatic disease with severe immunodeficiency. 2020 , 130, 5817-5832	3
325	Reactive Oxygen Species in the Activation and Regulation of Intracellular Signaling Events. 2004 , 59-90	2
324	Common Features of Oxidative Stress and Metabolic Impairments in Human Erythrocytes and Nucleated Cells. 2014 , 421-478	2
323	Actin cytoskeleton modulates ADMA-induced NF-κB nuclear translocation and ICAM-1 expression in endothelial cells. 2011 , 17, BR242-7	12
322	Essential Oil from Fructus Alpiniae Zerumbet Protects Human Umbilical Vein Endothelial Cells In Vitro from Injury Induced by High Glucose Levels by Suppressing Nuclear Transcription Factor-Kappa B Signaling. 2017 , 23, 4760-4767	6
321	A New Paradigm to Mitigate Osteosarcoma by Regulation of MicroRNAs and Suppression of the NF-κB Signaling Cascade. 2014 , 18, 197-212	7
320	A New Paradigm to Mitigate Osteosarcoma by Regulation of MicroRNAs and Suppression of the NF-κB Signaling Cascade. 2014 , 18, 197-212	11
319	Vasa Vasorum Angiogenesis through Increased Levels of H ₂ O ₂ , HIF-1β, NF-κB and INOS: In Vivo Study of Atherosclerosis. 2015 , 4, 342-349	2
318	Exploring Inhibitory Mechanisms of Green Tea Catechins as Inhibitors of a Cancer Therapeutic Target, Nuclear Factor-κB (NF-κB). 2019 , 16, 715-723	3
317	Computational Reconstruction of NFκB Pathway Interaction Mechanisms during Prostate Cancer. 2016 , 12, e1004820	17
316	Genes involved in the balance between neuronal survival and death during inflammation. 2007 , 2, e310	31
315	Tumor suppressor CYLD acts as a negative regulator for non-typeable Haemophilus influenza-induced inflammation in the middle ear and lung of mice. 2007 , 2, e1032	66

- 314 Nuclear factor-kappa B family member RelB inhibits human immunodeficiency virus-1 Tat-induced tumor necrosis factor-alpha production. **2010**, 5, e11875 25
- 313 Inhibition of the nuclear factor-**B** pathway prevents beta cell failure and diet induced diabetes in *Psammomys obesus*. **2010**, 5, e13341 6
- 312 Drug inhibition profile prediction for NFB pathway in multiple myeloma. **2011**, 6, e14750 24
- 311 Ibudilast, a pharmacologic phosphodiesterase inhibitor, prevents human immunodeficiency virus-1 Tat-mediated activation of microglial cells. **2011**, 6, e18633 21
- 310 AP-1 is a component of the transcriptional network regulated by GSK-3 in quiescent cells. **2011**, 6, e20150 13
- 309 Increased IKK β expression in the basal layer of the epidermis of transgenic mice enhances the malignant potential of skin tumors. **2011**, 6, e21984 17
- 308 Iridoid glycosides fraction of *Folium syringae* leaves modulates NF-**B** signal pathway and intestinal epithelial cells apoptosis in experimental colitis. **2011**, 6, e24740 30
- 307 15-Deoxy- $\Delta^1,4$ prostaglandin J_2 reduces the formation of atherosclerotic lesions in apolipoprotein E knockout mice. **2011**, 6, e25541 6
- 306 M-CSF induces monocyte survival by activating NF-**B** p65 phosphorylation at Ser276 via protein kinase C. **2011**, 6, e28081 18
- 305 NF-**B** repression by PIAS3 mediated RelA SUMOylation. **2012**, 7, e37636 40
- 304 Retigeric acid B exhibits antitumor activity through suppression of nuclear factor-**B** signaling in prostate cancer cells in vitro and in vivo. **2012**, 7, e38000 23
- 303 Regional susceptibility to TNF- α induction of murine brain inflammation via classical IKK/NF-**B** signalling. **2012**, 7, e39049 21
- 302 Lupeol is one of active components in the extract of *Chrysanthemum indicum* Linne that inhibits LMP1-induced NF-**B** activation. **2013**, 8, e82688 20
- 301 TLR2, TLR4 and CD14 recognize venom-associated molecular patterns from *Tityus serrulatus* to induce macrophage-derived inflammatory mediators. **2014**, 9, e88174 57
- 300 B-cell-intrinsic hepatitis C virus expression leads to B-cell-lymphomagenesis and induction of NF-**B** signalling. **2014**, 9, e91373 16
- 299 Paraquat-induced reactive oxygen species inhibit neutrophil apoptosis via a p38 MAPK/NF-**B**-IL-6/TNF- α positive-feedback circuit. **2014**, 9, e93837 35
- 298 RANKL promotes migration and invasion of hepatocellular carcinoma cells via NF-**B**-mediated epithelial-mesenchymal transition. **2014**, 9, e108507 27
- 297 WAVE3-NFB interplay is essential for the survival and invasion of cancer cells. **2014**, 9, e110627 19

296	Bestrophin 3 ameliorates TNF α -induced inflammation by inhibiting NF- κ B activation in endothelial cells. 2014 , 9, e111093	13
295	Decreasing NF- κ B expression enhances odontoblastic differentiation and collagen expression in dental pulp stem cells exposed to inflammatory cytokines. 2015 , 10, e0113334	28
294	Leukocyte inclusion within a platelet rich plasma-derived fibrin scaffold stimulates a more pro-inflammatory environment and alters fibrin properties. 2015 , 10, e0121713	90
293	Altered KLOTHO and NF- κ B-TNF- α Signaling Are Correlated with Nephrectomy-Induced Cognitive Impairment in Rats. 2015 , 10, e0125271	31
292	TNF α promotes proliferation of human synovial MSCs while maintaining chondrogenic potential. 2017 , 12, e0177771	14
291	15-Deoxy- Δ prostaglandin J Induces Apoptosis in Ha--transformed Human Breast Epithelial Cells by Targeting I κ B kinase-NF- κ B Signaling. 2020 , 25, 100-110	1
290	RANK Signaling Pathways and Key Molecules Inducing Osteoclast Differentiation. 2017 , 23, 295-302	4
289	Role of mitochondrial reactive oxygen species in age-related inflammatory activation of endothelium. 2014 , 6, 661-74	42
288	Age-related neuroinflammation and changes in AKT-GSK-3 β and WNT/ β -CATENIN signaling in rat hippocampus. 2015 , 7, 1094-111	56
287	Premature aging and cancer development in transgenic mice lacking functional CYLD. 2019 , 11, 127-159	5
286	PATZ1 induces PP4R2 to form a negative feedback loop on IKK/NF- κ B signaling in lung cancer. 2016 , 7, 52255-52269	6
285	IKK β regulates the stratification and differentiation of the epidermis: implications for skin cancer development. 2016 , 7, 76779-76792	11
284	Diosmetin exerts anti-oxidative, anti-inflammatory and anti-apoptotic effects to protect against endotoxin-induced acute hepatic failure in mice. 2017 , 8, 30723-30733	36
283	Novel inhibitors are cytotoxic for myeloma cells with NF κ B inducing kinase-dependent activation of NF κ B. 2014 , 5, 4554-66	45
282	The Akt1/IL-6/STAT3 pathway regulates growth of lung tumor initiating cells. 2015 , 6, 42667-86	31
281	MicroRNA-16 sensitizes breast cancer cells to paclitaxel through suppression of I κ BKB expression. 2016 , 7, 23668-83	29
280	Resistance to second generation antiandrogens in prostate cancer: pathways and mechanisms.. 2020 , 3, 742-761	2
279	Anthocyanins As Modulators of Cell Redox-Dependent Pathways in Non-Communicable Diseases. 2020 , 27, 1955-1996	10

278	Effects of Resveratrol and other Polyphenols on Sirt1: Relevance to Brain Function During Aging. 2018 , 16, 126-136	68
277	Expression of Signaling Molecules in Progressive Multifocal Leukoencephalopathy. 2016 , 14, 47-53	7
276	Novel pharmacologic approaches to the management of sepsis: targeting the host inflammatory response. 2009 , 3, 96-112	43
275	Effect of Oxymatrine on H2O2 Resistance in L6 Rat Myoblast Cells*. 2012 , 39, 662-670	1
274	Effect of NF-kappaB, survivin, Bcl-2 and Caspase3 on apoptosis of gastric cancer cells induced by tumor necrosis factor related apoptosis inducing ligand. 2004 , 10, 22-5	52
273	Curcumin suppresses gastric NF-kappaB activation and macromolecular leakage in Helicobacter pylori-infected rats. 2010 , 16, 4039-46	34
272	Inflammation- and stress-related signaling pathways in hepatocarcinogenesis. 2012 , 18, 4071-81	92
271	Effect of Helicobacter pylori cdrA on interleukin-8 secretions and nuclear factor kappa B activation. 2012 , 18, 425-34	7
270	Long-term aspirin pretreatment in the prevention of cerulein-induced acute pancreatitis in rats. 2013 , 19, 2894-903	16
269	Hugl-1 induces apoptosis in esophageal carcinoma cells both in vitro and in vivo. 2013 , 19, 4127-36	19
268	Preventing oxaliplatin-induced neuropathic pain: Using berberine to inhibit the activation of NF-B and release of pro-inflammatory cytokines in dorsal root ganglions in rats. 2021 , 21, 135	6
267	Anemarrhena asphodeloides Bunge ameliorates osteoporosis by suppressing osteoclastogenesis. 2018 , 42, 3613-3621	1
266	Oxyntomodulin attenuates TNF- α -induced neuropathic pain by inhibiting the activation of the NF-B pathway. 2019 , 20, 5223-5228	2
265	Molecular mechanisms of cancer cachexia-induced muscle atrophy (Review). 2020 , 22, 4967-4980	9
264	A combination of inhibitors of glycolysis, glutaminolysis and fatty acid synthesis decrease the expression of chemokines in human colon cancer cells. 2019 , 18, 6909-6916	5
263	Inhibitory Effect of Sargassum patens on Inflammation and Melanogenesis. 2013 , 9, 524-532	6
262	Report on Some of the Physical Properties of Bioactive Compounds Responsible for the Channa striatus Fillet Extract Antinociceptive Activity. 2006 , 6, 680-686	2
261	Molecular mechanisms of intestinal inflammation leading to colorectal cancer. 2017 , 4, 152-177	3

260	Oxymatrine reduces neuroinflammation in rat brain: A signaling pathway. 2012 , 7, 2333-9	8
259	Influenza A induced cellular signal transduction pathways. 2013 , 5 Suppl 2, S132-41	8
258	TNF- α a good or bad factor in hematological diseases?. 2014 , 1, 12	22
257	Enhanced Immunotherapeutic Efficacy of Anti-PD-L1 Antibody in Combination with an EP4 Antagonist. 2020 , 4, 837-850	7
256	Antitumor effects of the benzophenanthridine alkaloid sanguinarine: Evidence and perspectives. 2016 , 8, 30-9	43
255	Helicobacter pylori infection and gastric carcinoma: Not all the strains and patients are alike. 2016 , 8, 40-54	20
254	Esmolol inhibits inflammation and apoptosis in the intestinal tissue via the overexpression of NF- κ B-p65 in the early stage sepsis rats. 2020 , 31, 331-341	3
253	Regulation of the immune system by NF-kappaB and IkappaB. 2002 , 35, 537-46	42
252	Upregulation of NF-kappaB upon differentiation of mouse embryonic stem cells. 2008 , 41, 705-9	18
251	ZAS3 represses NFB-dependent transcription by direct competition for DNA binding. 2010 , 43, 807-12	5
250	Insights into the Signal Transduction Pathways of Mouse Lung Type II Cells Revealed by Transcription Factor Profiling in the Transcriptome. 2019 , 17, e8	9
249	Expression of β -arrestin 1 in gastric cardiac adenocarcinoma and its relation with progression. 2012 , 13, 5671-5	12
248	Anti-inflammatory Activities of Methanolic Extracts from Different Rose Cultivars. 2015 , 28, 551-557	2
247	Microglia in Neuroinflammation and Neurodegeneration: From Understanding to Therapy. 2021 , 15, 742065	17
246	The hepatocyte IKK:NF- κ B axis promotes liver steatosis by stimulating de novo lipogenesis and cholesterol synthesis. 2021 , 54, 101349	6
245	Stimulation of Non-canonical NF- κ B Through Lymphotoxin- β Receptor Impairs Myogenic Differentiation and Regeneration of Skeletal Muscle. 2021 , 9, 721543	0
244	Pparg signaling controls bladder cancer subtype and immune exclusion. 2021 , 12, 6160	1
243	Acute inflammatory response in the skin of gilthead seabream (Sparus aurata) caused by carrageenin. 2021 , 119, 623-634	2

242 Transcription factor c-Rel mediates communication between commensal bacteria and mucosal lymphocytes. **2021**,

1

241 Infektion und Entzündung. **2003**, 36-42

240 The Role of Ubiquitin In NF- κ B-Signaling. **2003**, 137-158

239 The I κ B-Kinase (IKK) Complex. **2003**, 115-135

238 Control of Immunity by Rel Proteins in Drosophila. **2003**, 409-421

237 Interaction of STAT Signals with Other Signaling Pathways. **2003**, 285-298

236 NF κ B: A Key Integrator of Cell Signaling. **2003**, 107-114

235 Integration of TNF- α Signaling: Crosstalk between IKK, JNK, and Caspases. **2003**, 213-219

234 Cross-Talk between Nuclear Receptors and Other Transcription Factors. **2003**, 61-67

233 NF- κ B: Critical Regulator of Inflammation and the Immune Response. **2004**, 325-376

232 Interaction of Innate and Acquired Immune Response: Toll Receptors Potential Link of Infection to Rejection. **2004**, 459-475

231 NF- κ B.

230 Natriuretic Peptides and Inflammation. **2004**, 305-318

229 Signal Transduction Pathways in the Skin. **2004**, 415-438

228 Molecular Mechanisms of Asbestos- and Silica-Induced Lung Cancer. **2004**,

227 NF κ B-Dependent Signaling Pathways. **2005**,

226 Resveratrol Modulation of Gene Expression. **2005**, 167-191

225 Mechanisms of HIV-Infected vs. Uninfected T Cell Killing. **2005**, 207-228

224 Regulation of Nuclear NF- κ B Action. **2006**, 87-105

223 Inflammation and Neuronal Susceptibility to Excitotoxic Cell Death. **2007**, 3-35

222 IKK-2/NF- κ B-DEPENDENT TRANSCRIPTION. **2007**, 199-221

221 Macrophages, Adipocytes, and Obesity. **2007**, 121-131

220 Chemo-Immunosensitization of Resistant B-NHL as a Result of Rituximab (anti-CD20 mAb)-Mediated Inhibition of Cell Survival Signaling Pathways. **2008**, 29-39

219 Regulation of host immune responses by nuclear I.KAPPA.B proteins. **2008**, 28, 516-521

218 Histone Deacetylase Inhibitors and Anticancer Activity. **2008**, 115-131

217 Fundamentals of Cancer Cell Biology and Molecular Targeting. **2008**, 1933-1945

216 Natural Agents That Can Sensitize Tumor Cells to Chemotherapy and Radiation Therapy. **2008**, 211-240 3

215 Inhibition of Inducible Nitric Oxide Synthase by Agaricus bisporus Extract in RAW 264.7 Macrophages. **2008**, 13, 362-365

214 Sumoylation and Its Contribution to Cancer. **2009**, 253-272 1

213 Asthma and Allergic Diseases. **2009**, 709-728

212 BlyS/BR3 Receptor Signaling in the Biology and Pathophysiology of Aggressive B-Cell Lymphomas. **2009**, 245-263

211 Transcriptional Mediators of Cellular Hormesis. **2010**, 69-93 1

210 Atypical PKCs, NF- κ B, and Inflammation. **2010**, 223-244

209 NF- κ B Signalling and Lymphoid Tissue Organogenesis. **2011**, 25-38

208 Anti-inflammatory Activity of Calcitriol in Cancer. **2011**, 53-71 0

207 Tracking the road from inflammation to cancer: the critical role of IkkappaB kinase (IKK). **2006**, 102, 133-51 8

- 206 In vivo Imaging of Antioxidant Effects on NF- κ B Activity in Reporter Mice. **2011**, 157-184
- 205 Endothelial Function and Dysfunction. **2011**, 526-539
- 204 Exercise as a Model to Study Oxidative Stress. **2011**, 531-542 0
- 203 Anti-Inflammatory and Antioxidant Effect of Astaxanthin Derived from Microalgae. **2011**, 21, 1377-1384 3
- 202 The Effects of Phenethyl Isothiocyanate on Nuclear Factor- κ B Activation and Cyclooxygenase-2 and Inducible Nitric Oxide Synthase Expression Induced by Toll-like Receptor Agonists. **2011**, 54, 279-283
- 201 Apoptotic Pathways upon Arsenite Treatment. **2012**, 149-187
- 200 Molecular and Cellular Biology. **2012**, 43-52
- 199 Cancer-Related Fatigue (CRF). **2012**, 131-170
- 198 1-Modulating NF- κ B Activity by Tocotrienols. **2012**, 225-232
- 197 NF- κ B **2013**, 1-9
- 196 Tumor Resistance to Antibody-Mediated Immunotherapy and Reversal of Resistance: Rituximab as Prototype. **2013**, 93-124
- 195 Overcoming Inherent Resistance to Proteasome Inhibitors in Head and Neck Cancer: Challenges and New Approaches. **2014**, 205-231
- 194 Role of Antioxidant Signaling in Mitochondrial Adaptation to Muscle Contraction. **2014**, 3117-3140
- 193 Smoking, Oxidative/Carbonyl Stress, and Regulation of Redox Signaling in Lung Inflammation. **2014**, 817-848
- 192 Biomarkers of Necrosis and Myocardial Remodeling. **2014**, 1-24
- 191 MicroRNAs in the Molecular Pathology of Gliomas. **2014**, 77-116
- 190 Quantitative analysis of bortezomib-induced IL-8 gene expression in ovarian cancer cells. **2014**, 1172, 295-304 1
- 189 Biomarkers of Necrosis and Myocardial Remodeling. **2015**, 659-688

188 Encyclopedia of Inflammatory Diseases. **2015**, 1-11

187 Immune Homeostasis: Activation and Downregulation of NF- κ B. **2015**, 1-44

186 Metabolic and Antioxidant Adaptation to Exercise: Role of Redox Signaling. **2015**, 101-125

185 Biochemical predictors of coronary atherosclerosis in patients with metabolic disorders. **2015**, 6, 33-37

184 Anti-Inflammatory Activity. **2016**, 1905-2024

1

183 NF- κ B. **2016**, 1-9

182 The Expression of NF- κ Bp65 and BCL-2 Protein in Pleomorphic Adenoma. **2016**, 06, 1-5

181 Compendium of Inflammatory Diseases. **2016**, 976-986

180 Paradoxical hyperhidrosis in a patient with ectodermal dysplasia and immunodeficiency. **2016**, 3, 61-66

179 NF- κ B: Its Role in Pancreatic Cancer. **2017**, 327-339

178 NF- κ B Role and Potential Drug Targets in Gastrointestinal Cancer. **2017**, 45-71

177 Chapter 5:Small Molecule Inhibitors of NF- κ B and Their Therapeutic Potential in Leukaemia. **2018**, 125-146

176 HAT-HDAC System in Asthma. **2018**, 243-275

175 Chapter 4:Pyrrrolobenzodiazepines as Transcription Factor Inhibitors: An Overview. **2018**, 81-124

174 Cardamonin Inhibits the Expression of Inducible Nitric Oxide Synthase Induced by TLR2, 4, and 6 Agonists. **2018**, 24, 102-107

173 Molecular Mechanisms of Apoptosis in Naive and Memory Human T Cell Subsets. **2019**, 1139-1159

172 A Novel Mechanism for NF- κ B-Activation via I κ B-Aggregation: Implications for Hepatic Mallory-denk-body Induced Inflammation.

171 The high expression of TNF- α and NF- κ B in tumor microenvironment predicts good prognosis of patients with BCLC-0-B hepatocellular carcinoma.. **2019**, 8, 532-541

0

- 170 Pankreas duktal adenokarsinomunda NF-Kappa B ekspresyonu. **2019**, 44, 1-1
- 169 Response gene to complement-32 promotes cell survival via the NF- κ B pathway in non-small-cell lung cancer. **2020**, 19, 107-114 4
- 168 Exportin Crm1 is important for Swi6 nucleocytoplasmic shuttling and MBF transcription activation in *Saccharomyces cerevisiae*.
- 167 Decreased SIRT1 expression in the peripheral blood of patients with Graves' disease. **2020**, 246, 161-173 3
- 166 -quinoline-benzenesulfonamide derivatives exert potent anti-lymphoma effect by targeting NF- κ B. **2020**, 23, 101884
- 165 Application of glucocorticoids in patients with novel coronavirus infection: From bench to bedside. **2020**, 03, 255-268
- 164 Redox Signaling. **2020**, 1-10
- 163 RKIP & GSK3 β : The interaction of two intracellular signaling network regulators and their role in cancer. **2020**, 147-173 1
- 162 Osteoclasts in Cardiovascular Calcification. **2020**, 391-419
- 161 Successful stories of drug repurposing for cancer therapy in hepatocellular carcinoma. **2020**, 213-229 1
- 160 The significant role of a functional polymorphism in the gene in breast cancer: evidence from an Iranian cohort. **2021**, 17, 4895-4905 1
- 159 NF- κ B in Lymphopoiesis. **2006**, 51-69
- 158 Regulation of Intracellular Signal Transduction Pathways by Mechanosensitive Ion Channels. **2008**, 303-327 1
- 157 Boosting Muscle Regeneration. **2008**, 335-358 2
- 156 Fibrosis regression and innovative antifibrotic therapies: from bench to bedside. 173-180
- 155 Inflammatory pathways in liver homeostasis and liver injury. 32-41
- 154 Molecular Signaling of CD95- and TNFR-Mediated apoptosis in Naïve and Various Memory Subsets of T-Cells. **2009**, 695-709
- 153 Altered Signal Transduction in Melanoma. **2006**, 119-147

152 Cytokines in the Tumor Stroma. **2007**, 233-244

151 Individualized target therapy of malignant lymphomas: an outlook. **2007**, 176, 177-88

150 The PRC2-dependent epigenetic reprogramming of the bladder epithelium exacerbates urinary tract infections.

149 Combinatorial dynamics of protein synthesis time delay and negative feedback loop in NF- κ B signalling pathway. **2020**, 14, 284-291

0

148 Defibrinated bovine plasma inhibits retroviral transcription by blocking p52 activation of the NF κ B element in the long terminal repeat. **2007**, 71, 119-28

1

147 TLR2 and TLR4 as Potential Biomarkers of Environmental Particulate Matter Exposed Human Myeloid Dendritic Cells. **2007**, 2, 226-40

7

146 Signals and genes induced by angiogenic growth factors in comparison to inflammatory cytokines in endothelial cells. **2007**, 37, 57-62

21

145 HER-2 and NF- κ B as the targets for therapy-resistant breast cancer. **2006**, 26, 4235-43

47

144 Regulation and function of nuclear I κ B α in inflammation and cancer. **2012**, 1, 56-66

9

143 To NF κ B or not to NF κ B: The Dilemma on How to Inhibit a Cancer Cell Fate Regulator. **2012**, 4, 73-85

13

142 Effects of traditional Chinese medicine Wei-Wei-Kang-Granule on the expression of EGFR and NF- κ B in chronic atrophic gastritis rats. **2012**, 9, 1-7

5

141 NF κ B function and regulation in cutaneous T-cell lymphoma. **2013**, 3, 433-45

12

140 A review of the anticancer potential of the antimalarial herbal cryptolepis sanguinolenta and its major alkaloid cryptolepine. **2013**, 47, 137-47

16

139 Colorectal cancer and NF- κ B signaling pathway. **2011**, 4, 127-32

44

138 Role of p58IPK in Endoplasmic Reticulum Stress-associated Apoptosis and Inflammation. **2014**, 9, 134-43

8

137 Ethanol extract of Portulaca Oleracea L. reduced the carbon tetrachloride induced liver injury in mice involving enhancement of NF- κ B activity. **2014**, 6, 746-55

12

136 Local administration of IKK small molecule inhibitor may enhance fracture healing in osteoporosis patient. **2015**, 8, 1411-5

1

135 Balance of inflammatory pathways and interplay of immune cells in the liver during homeostasis and injury. **2014**, 13, 67-81

16

134	Tumor-suppressive microRNA-497 targets IKK α to regulate NF- κ B signaling pathway in human prostate cancer cells. 2015 , 5, 1795-804	23
133	Chinese medicine Tongxinluo reduces atherosclerotic lesion by attenuating oxidative stress and inflammation in microvascular endothelial cells. 2015 , 8, 6323-33	7
132	Simultaneous Analysis of Wnt and NF- κ B Signaling Pathways in Doxorubicin Sensitive and Methotrexate Resistant PLC/PRF/5 Cells. 2016 , 17, 730-9	4
131	Regulation of biomechanical signals by NF-kappaB transcription factors in chondrocytes. 2008 , 45, 245-56	6
130	Anti-inflammatory activity of hydrosols from <i>Tetragonia tetragonoides</i> in LPS-induced RAW 264.7 cells. 2017 , 16, 521-530	7
129	Spontaneous Development of Cutaneous Squamous Cell Carcinoma in Mice with Cell-specific Deletion of Inhibitor of κ B Kinase 2. 2017 , 67, 407-415	4
128	Tanshinone IIA attenuates osteoclastogenesis in ovariectomized mice by inactivating NF-kB and Akt signaling pathways. 2018 , 10, 1457-1468	12
127	Neuronal Ablation of IKK2 Decreases Lesion Size and Improves Functional Outcome after Spinal Cord Injury in Mice. 2017 , 5,	
126	Differential susceptibility of mouse strains on pancreatic injury and regeneration in cerulein-induced pancreatitis. 2017 , 10, 9934-9944	
125	[Expression and clinical significance of nuclear factor κ B/B cell lymphoma-2 signal pathway and glycogen synthase kinase 3 β in oral squamous cell carcinoma]. 2015 , 33, 11-5	1
124	Assessment of inflammatory markers and mitochondrial factors in a rat model of sepsis-induced myocardial dysfunction. 2020 , 12, 901-911	2
123	Reduced I κ B α promotes hepatocellular carcinoma cell proliferation and migration via regulation of NF- κ B/Erbin axis. 2020 , 20, 216	
122	Role of Obesity in the Tumorigenesis of Gastric Cancer. 2020 , 11, 148	
121	Novel therapeutic strategy: antiinflammatory reagents: Role of NF- κ B in endometriosis. 2022 , 249-259	
120	Illustrated etiopathogenesis of Huntington's disease. 2022 , 175-214	
119	Inhibition of macrophage migration inhibitory factor alleviates LPS-induced inflammation response of HEI-OC1 cells via suppressing NF- κ B signaling. 2021 , 150, 155776	
118	Phytoprogestins: Unexplored Food Compounds with Potential Preventive and Therapeutic Effects in Female Diseases.. 2021 , 13,	2
117	Target-Based Small Molecule Drug Discovery Towards Novel Therapeutics for Inflammatory Bowel Diseases. 2021 , 27, S38-S62	4

116	A narrative review of liver regeneration-from models to molecular basis.. 2021 , 9, 1705	0
115	Oxidative Stress, Mitochondrial Function and Adaptation to Exercise: New Perspectives in Nutrition. 2021 , 11,	3
114	Astrocyte-derived microparticles initiate a neuroinflammatory cycle due to carbon monoxide poisoning.. 2021 , 18, 100398	2
113	Aging and Redox Pathways in Diabetes. 2022 , 349-368	1
112	Redox Signaling. 2021 , 4165-4174	
111	Topical application of TAK1 inhibitor encapsulated by gelatin particle alleviates corneal neovascularization.. 2022 , 12, 657-674	1
110	Captopril alleviates oxidative damage in diabetic retinopathy.. 2021 , 120246	
109	Anti-inflammatory activity of <i>Anchusa italica</i> Retz. in LPS-stimulated RAW264.7 cells mediated by the Nrf2/HO-1, MAPK and NF- κ B signaling pathways. 2021 , 286, 114899	1
108	Gankyrin: At the crossroads of cancer diagnosis, disease prognosis, and development of efficient cancer therapeutics. 2022 , 4, 100023	0
107	Reduced κ B α ; promotes hepatocellular carcinoma cell proliferation and migration via regulation of NF- κ B/Erbin axis. 2020 , 20, 1-1	1
106	Endothelial Function and Microcirculation. 2022 , 103-142	
105	Decoding the role of macrophages in periodontitis and type 2 diabetes using single-cell RNA-sequencing.. 2022 , 36, e22136	1
104	A Nitrobenzoyl Sesquiterpenoid Insulicolide A Prevents Osteoclast Formation Suppressing c-Fos-NFATc1 Signaling Pathway.. 2021 , 12, 753240	0
103	Titanium Culture Vessel Capable of Controlling Culture Temperature for Evaluation of Cell Thermotolerance. 2022 , 63,	0
102	Role of EGF Receptor Regulatory Networks in the Host Response to Viral Infections.. 2021 , 11, 820355	1
101	Mechanism of Rhubarb for Diabetic Kidney Disease through the AMPK/NF- κ B Signaling Pathway Based on Network Pharmacology. 2022 , 7,	0
100	Thermal dysregulation in patients with multiple sclerosis during SARS-CoV-2 infection. The potential therapeutic role of exercise.. 2022 , 59, 103557	1
99	Liver cancer: the tumor microenvironment and associated pathways. 2022 , 59-81	

98	Clinical and Apoptotic Factors Defining and Predicting Steroid Resistance in Nephrotic Syndrome in Children.. 2022 , 9, 2333794X221085392	
97	Natural Products as Novel Neuroprotective Agents; Computational Predictions of the Molecular Targets, ADME Properties, and Safety Profile.. 2022 , 11,	1
96	Exportin Crm1 is important for Swi6 nuclear shuttling and MBF transcription activation in <i>Saccharomyces cerevisiae</i> .. 2022 , 23, 10	
95	Zhilong Huoxue Tongyu Capsules Ameliorate Early Brain Inflammatory Injury Induced by Intracerebral Hemorrhage Inhibition of Canonical NF- κ B Signalling Pathway.. 2022 , 13, 850060	0
94	Electroacupuncture ameliorates neuroinflammation in animal models.. 2022 , 9645284221076515	0
93	Medicinal Plants in Cancer Treatment: Contribution of Nuclear Factor-Kappa B (NF- κ B) Inhibitors.. 2022 ,	0
92	MicroRNA-142-3p facilitates inflammatory response by targeting ZEB2 and activating NF- κ B signaling in gouty arthritis.. 2022 , 1-15	0
91	UBAP2L promotes gastric cancer metastasis by activating NF- κ B through PI3K/AKT pathway.. 2022 , 8, 123	0
90	Osteoporosis and periodontal diseases - An update on their association and mechanistic links.. 2022 ,	4
89	The Role of Micro RNAs in Regulating PI3K/AKT Signaling Pathways in Glioblastoma.. 2022 , 17, 122-136	2
88	Characterization of a small-molecule inhibitor targeting NEMO/IKK β to suppress colorectal cancer growth.. 2022 , 7, 71	1
87	mA mRNA modification maintains colonic epithelial cell homeostasis via NF- κ B-mediated antiapoptotic pathway.. 2022 , 8, eab15723	4
86	Differential recognition of canonical NF- κ B dimers by Importin β .. 2022 , 13, 1207	1
85	Chrysin Protects Against Titanium Particle-Induced Osteolysis by Attenuating Osteoclast Formation and Function by Inhibiting NF- κ B and MAPK Signaling.. 2022 , 13, 793087	2
84	The Traditional Chinese Medicine Hua Tuo Zai Zao Wan Alleviates Atherosclerosis by Deactivation of Inflammatory Macrophages.. 2022 , 2022, 2200662	0
83	Immunomodulatory effects of polysaccharide on splenic lymphocytes infected with via NF- κ B and MAPKs pathways.. 2021 , 1-10	1
82	Deficiency of IKK in Macrophages Mitigates Fibrosis Progression in the Kidney after Renal Ischemia-Reperfusion Injury.. 2021 , 2021, 5521051	0
81	The Cholesterol Metabolite Cholest-5-en-3-One Alleviates Hyperglycemia and Hyperinsulinemia in Obese (J) Mice.. 2021 , 12,	1

- 80 Factor L2 ameliorates the Progression of K/BxN Serum-Induced Arthritis by Blocking TLR7 Mediated IRAK4/IKK β /IRF5 and NF-kB Signaling Pathways.. **2021**, 12, 773592 ○
- 79 Tip110/SART3-Mediated Regulation of NF- κ B Activity by Targeting I κ B Stability Through USP15.. **2022**, 12, 843157 ○
- 78 Data_Sheet_1.pdf. **2018**,
- 77 Image_1.TIF. **2018**,
- 76 DataSheet_1.pdf. **2019**,
- 75 Image1.JPEG. **2018**,
- 74 Image2.JPEG. **2018**,
- 73 Image3.JPEG. **2018**,
- 72 Image4.JPEG. **2018**,
- 71 Image5.JPEG. **2018**,
- 70 Image6.JPEG. **2018**,
- 69 Image_1.pdf. **2018**,
- 68 Presentation_1.PDF. **2018**,
- 67 Data_Sheet_1.docx. **2020**,
- 66 Table_1.XLSX. **2020**,
- 65 Table_2.XLSX. **2020**,
- 64 Isorhynchophylline ameliorates the progression of osteoarthritis by inhibiting the NF- κ B pathway.. **2022**, 174971
- 63 Lipocalin 2 potentially contributes to tumorigenesis from colitis via IL-6/STAT3/NF-kB signaling pathway.. **2022**, 1

62	Docosahexaenoic acid enrichment of tumor phospholipid membranes increases tumor necroptosis in mice bearing triple negative breast cancer patient-derived xenografts.. 2022 , 109018	2
61	Small molecules of herbal origin for osteoarthritis treatment: in vitro and in vivo evidence.. 2022 , 24, 105	1
60	Dietary supplementation of L-carnitine relieved detrimental impacts of a high-fat diet in juvenile <i>Trachinotus ovatus</i> . 2022 , 24, 101139	0
59	<i>Artemisia dracunculus</i> L. Ethanolic Extract and an Isolated Component, DMC2, Ameliorate Inflammatory Signaling in Pancreatic β -Cells via Inhibition of p38 MAPK. 2022 , 12, 708	
58	Proteasome Inhibitors: A Novel Tool to Suppress Human Cytomegalovirus Replication and Virus-Induced Immune Modulation. 2003 , 8, 555-567	24
57	A Small Molecule Selected from a DNA-Encoded Library of Natural Products That Binds to TNF- β and Attenuates Inflammation In Vivo. 2201258	1
56	Signaling pathway(s) of TNFR2 required for the immunoregulatory effect of CD4+Foxp3+ regulatory T cells. 2022 , 108, 108823	1
55	N-Butanol Extract of Modified You-Gui-Yin Attenuates Osteoclastogenesis and Ameliorates Osteoporosis by Inhibiting RANKL-Mediated NF- κ B Signaling. 13,	0
54	17 β -estradiol, a lifespan-extending compound, attenuates liver fibrosis by modulating collagen turnover rates in male mice.	0
53	Age-Dependent Reduction in the Expression Levels of Genes Involved in Progressive Myoclonus Epilepsy Correlates with Increased Neuroinflammation and Seizure Susceptibility in Mouse Models.	
52	Hybrid Polyelectrolyte Nanocomplexes for Non-Viral Gene Delivery with Favorable Efficacy and Safety Profile. 2022 , 14, 1310	
51	Inhaled nitric oxide: role in the pathophysiology of cardio-cerebrovascular and respiratory diseases. 2022 , 10,	3
50	Cytokine- and chemokine-induced inflammatory colorectal tumor microenvironment: Emerging avenue for targeted therapy.	2
49	p53/sirtuin 1/NF- κ B Signaling Axis in Chronic Inflammation and Maladaptive Kidney Repair After Cisplatin Nephrotoxicity. 13,	0
48	IKK β promotes lung adenocarcinoma growth through activation of ERK signaling via DARPP-32-mediated inhibition of PP1 activity.	
47	Molecular cloning and functional characterization of HMGB1 and HMGB2 in large yellow croaker <i>Larimichthys crocea</i> . 2022 ,	0
46	Put out the fire: The pleiotropic anti-inflammatory action of non-vitamin K oral anticoagulants. 2022 , 182, 106335	1
45	Effects of air exposure stress on crustaceans: Histopathological changes, antioxidant and immunity of the red swamp crayfish <i>Procambarus clarkii</i> . 2022 , 135, 104480	1

- 44 From Microarray to Bedside: Targeting NF- κ B for Therapy of Lymphomas. **2005**, 11, 2-6 5
- 43 Potentiation of a Dendritic Cell Vaccine for Murine Renal Cell Carcinoma by CpG Oligonucleotides. **2005**, 11, 1302-1311 3
- 42 Rituximab (Chimeric Anti-CD20 Monoclonal Antibody) Inhibits the Constitutive Nuclear Factor- κ B Signaling Pathway in Non-Hodgkin's Lymphoma B-Cell Lines: Role in Sensitization to Chemotherapeutic Drug-induced Apoptosis. **2005**, 65, 264-276 38
- 41 Health effects of omega-3 polyunsaturated fatty acids in common diseases. **2021**, 28, 1098-1108 1
- 40 Anticancer Effect of Aristolochia tagala and Curcuma caesia Acting Through Tumor Necrosis Factor- α . **2022**, 366-394
- 39 Umbelliferone and scopoletin target tyrosine kinases on fibroblast-like synoviocytes to block NF- κ B signaling to combat rheumatoid arthritis. 13,
- 38 Isolinsinone Suppresses Osteoclast Formation Through NF- κ B Signaling Pathways and Relieves Ovariectomy-Induced Bone Loss. 13,
- 37 IKK β Aggravates Renal Fibrogenesis by Positively Regulating the Wnt/ β -catenin Pathway.
- 36 Sigesbeckia orientalis Extract Ameliorates the Experimental Diabetic Nephropathy by Downregulating the Inflammatory and Oxidative Stress Signaling Pathways. **2022**, 2022, 1-13
- 35 Beneficial effects of capsaicin and dihydrocapsaicin on endothelial inflammation, nitric oxide production and antioxidant activity. **2022**, 154, 113521 0
- 34 Phosphorylation of extracellular signal-regulated kinase 1 and 2, protein kinase B, and signal transducer and activator of transcription 3 are differently inhibited by an epidermal growth factor receptor inhibitor, EKB-569, in tumor cells and normal human keratinocytes. **2004**, 3, 21-27 5
- 33 Insights into functional connectivity in mammalian signal transduction pathways by pairwise comparison of protein interaction partners of critical signaling hubs. **2022**, 13, 298-313 0
- 32 Targeting of Nrf2/PPAR γ /NLRP3 Signaling Pathway by Stevia rebaudiana Bertoni Extract Provides a Novel Insight into Its Protective Effect against Acute Gouty Arthritis-Induced Synovial Inflammation, Oxidative Stress and Apoptosis in a Rat Model. **2022**, 10, 1751 0
- 31 The positive regulatory loop of TCF4N/p65 promotes glioblastoma tumourigenesis and chemosensitivity. **2022**, 12, 0
- 30 A single-cell mass cytometry platform to map the effects of preclinical drugs on cartilage homeostasis. 1
- 29 The development of small-molecule inhibitors targeting HPK1. **2022**, 244, 114819 0
- 28 Modulation of signaling cross-talk between pJNK and pAKT generates optimal apoptotic response. **2022**, 18, e1010626 0
- 27 Paeoniflorin-6'-O-benzene sulfonate protected the intestinal epithelial barrier by restoring the inhibitory effect of GRK2 and β -arrestin 2 on ERK1 / 2-NF- κ B. 0

- 26 In-cell chemical crosslinking identifies hotspots for p62- $\text{I}\kappa\text{B}$ interaction that underscore a critical role of p62 in limiting NF- κB activation through $\text{I}\kappa\text{B}$ stabilization. ○
- 25 Emerging role of $\text{I}\kappa\text{B}$ in inflammation: Emphasis on psoriasis. **2022**, 12, ○
- 24 Effects of the emerging contaminant 1,3,6,8-tetrabromocarbazole on the NF- κB and correlated mechanism in human hepatocellular carcinoma cells. **2022**, 247, 114199 ○
- 23 Netrin-4: Focus on Its Role in Axon Guidance, Tissue Stability, Angiogenesis and Tumors. ○
- 22 Phthalate derivative DEHP disturbs the antiproliferative effect of camptothecin in human lung cancer cells by attenuating DNA damage and activating Akt/ NF- κB signaling pathway. ○
- 21 In vitro and in silico perspectives to explain anticancer activity of a novel syringic acid analog ((4-(1H-1, 3-benzodiazol-2-yl)-2, 6-dimethoxy phenol)) through apoptosis activation and NF κB inhibition in K562 leukemia cells. **2023**, 152, 106349 ○
- 20 Arteannuin-B and (3-Chlorophenyl)-2-Spiroisoxazoline Derivative Exhibit Anti-Inflammatory Effects in LPS-Activated RAW 264.7 Macrophages and BALB/c Mice-Induced Proinflammatory Responses via Downregulation of NF- κB /P38 MAPK Signaling. **2022**, 27, 8068 ○
- 19 17 β -estradiol, a lifespan-extending compound, attenuates liver fibrosis by modulating collagen turnover rates in male mice. ○
- 18 TAK1 blockade as a therapy for retinal neovascularization. **2022**, 106617 ○
- 17 In-cell chemical crosslinking identifies hotspots for SQSTM-1/p62- $\text{I}\kappa\text{B}$ interaction that underscore a critical role of p62 in limiting NF- κB activation through $\text{I}\kappa\text{B}$ stabilization. **2023**, 100495 ○
- 16 Saccharide-bearing macromolecules with melanoidin characteristics from Shanxi aged vinegar exert immunoenhancing effects on macrophage RAW264.7 cells. ○
- 15 Targeting STING: From antiviral immunity to treat osteoporosis. 13, ○
- 14 Targeting a transcription factor NF- κB by green tea catechins using in silico and in vitro studies in pancreatic cancer. 9, ○
- 13 The role of the canonical nf- κB signaling pathway in the development of acute liver failure. 1-21 ○
- 12 CDK1 bridges NF- κB and β -catenin signaling in response to H. pylori infection in gastric tumorigenesis. **2023**, 42, 112005 ○
- 11 Activation of peroxisome proliferator-activated receptor- γ prevents monocrotaline-induced pulmonary arterial hypertension by suppressing of nuclear factor-kappa B mediated autophagy. ○
- 10 Downregulation of pro-inflammatory markers NF- κB 1, RelA and COX-2 using Aconitum chasmanthum Stapf ex Holmes -in vitro and in-silico study. **2023**, 197, 116564 ○
- 9 An intra-articular injectable phospholipids-based gel for the treatment of rheumatoid arthritis. **2023**, 18, 100777 ○

- 8 Nanotechnology to the Rescue: Therapeutic Strategies Based on Brown Algae for Neurodegenerative Diseases. **2023**, 13, 1883 1
- 7 Asiaticoside Increases Caspase-9 Activity in MCF-7 Cells and Inhibits TNF- α and IL-6 Expression in Nude Mouse Xenografts via the NF- κ B Pathway. **2023**, 28, 2101 0
- 6 Transcriptional Regulation during Aberrant Activation of NF- κ B Signalling in Cancer. **2023**, 12, 788 0
- 5 Friend or Foe: Regulation, Downstream Effectors of RRAD in Cancer. **2023**, 13, 477 0
- 4 Effect of Bifidobacterium on osteoclasts: TNF- α /NF- κ B inflammatory signal pathway-mediated mechanism. 14, 0
- 3 Mechanisms of diabetic foot ulceration: A review. **2023**, 15, 299-312 0
- 2 IKK β Promotes lung adenocarcinoma growth through ERK signaling activation via DARPP-32-mediated inhibition of PP1 activity. **2023**, 7, 0
- 1 Icariin, the main prenylflavonoid of Epimedii Folium, ameliorated chronic kidney disease by modulating energy metabolism via AMPK activation. **2023**, 116543 0