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## NF-kappaB regulation in the immune system

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#	Paper	IF	Citations
2268	Signal transduction. Decoding NF-kappaB signaling. <b>2002</b> , 298, 1189-90		53
2267	Erratum: NF- $\kappa$ B regulation in the immune system. <i>Nature Reviews Immunology</i> , <b>2002</b> , 2, 975-975	36.5	39
2266	NF-kappaB in pancreatic cancer. <b>2003</b> , 33, 15-26		44
2265	Inhibition of Helicobacter pylori-induced nuclear factor-kappa B activation and interleukin-8 gene expression by ecabet sodium in gastric epithelial cells. <b>2003</b> , 8, 542-53		19
2264	NF-kappaB and virus infection: who controls whom. <b>2003</b> , 22, 2552-60		288
2263	Transcriptional activation of the NF-kappaB p65 subunit by mitogen- and stress-activated protein kinase-1 (MSK1). <b>2003</b> , 22, 1313-24		620
2262	Essential role of RelA Ser311 phosphorylation by zetaPKC in NF-kappaB transcriptional activation. <b>2003</b> , 22, 3910-8		261
2261	Role of the TAB2-related protein TAB3 in IL-1 and TNF signaling. <b>2003</b> , 22, 6277-88		216
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950	Arvelexin from <i>Brassica rapa</i> suppresses NF- $\kappa$ B-regulated pro-inflammatory gene expression by inhibiting activation of I $\kappa$ B kinase. <b>2011</b> , 164, 145-58	46
949	TLR2 and TLR4 gene promoter methylation status during chronic periodontitis. <b>2011</b> , 38, 975-83	45
948	Skin organ culture as a model to study oxidative stress, inflammation and structural alterations associated with UVB-induced photodamage. <b>2011</b> , 20, 749-55	38
947	Melatonin, and to a lesser extent growth hormone, restores colonic smooth muscle physiology in old rats. <b>2011</b> , 51, 405-15	19
946	Genome-wide association study identifies 12 new susceptibility loci for primary biliary cirrhosis. <b>2011</b> , 43, 329-32	396
945	Nanoparticle-induced unfolding of fibrinogen promotes Mac-1 receptor activation and inflammation. <b>2011</b> , 6, 39-44	685
944	Variants of the RELA gene are associated with schizophrenia and their startle responses. <b>2011</b> , 36, 1921-31	34
943	Characterization of the porcine p65 subunit of NF- $\kappa$ B and its association with virus antibody levels. <b>2011</b> , 48, 914-23	5
942	Phosphatidylserine inhibits NF $\kappa$ B and p38 MAPK activation in human monocyte derived dendritic cells. <b>2011</b> , 48, 1771-7	16
941	Cloning and expression analysis of the mitochondrial ubiquitin ligase activator of NF- $\kappa$ B (MULAN) in Atlantic salmon ( <i>Salmo salar</i> ). <b>2011</b> , 49, 558-65	4
940	Requirement of the NF- $\kappa$ B pathway for induction of Wnt-5A by interleukin-1 $\beta$ in condylar chondrocytes of the temporomandibular joint: functional crosstalk between the Wnt-5A and NF- $\kappa$ B signaling pathways. <b>2011</b> , 19, 111-7	57
939	Suppression of cyclooxygenase-2 and inducible nitric oxide synthase expression by epimuquibilin A via IKK/I $\kappa$ B/NF- $\kappa$ B pathways in lipopolysaccharide-stimulated RAW 264.7 cells. <b>2011</b> , 4, 426-431	21
938	NF- $\kappa$ B inhibition compromises cardiac fibroblast viability under hypoxia. <b>2011</b> , 317, 899-909	7

937	Coenzyme Q10 counteracts testicular injury induced by sodium arsenite in rats. <b>2011</b> , 655, 91-8	33
936	Thalidomide modulates Mycobacterium leprae-induced NF- $\kappa$ B pathway and lower cytokine response. <b>2011</b> , 670, 272-9	15
935	Effect of propolis and caffeic acid phenethyl ester (CAPE) on NF $\kappa$ B activation by HTLV-1 Tax. <b>2011</b> , 90, 108-15	20
934	Role of immunoregulatory transcription factors in differential immunomodulatory effects of tocotrienols. <b>2011</b> , 51, 129-43	30
933	Anti-inflammatory actions of a taurine analogue, ethane $\beta$ sultam, in phagocytic cells, in vivo and in vitro. <b>2011</b> , 81, 743-51	19
932	Effects of dihydroxyphenyl lactic acid on inflammatory responses in spinal cord injury. <b>2011</b> , 1372, 160-8	11
931	NF- $\kappa$ B cellular and molecular regulatory mechanisms and pathways: therapeutic pattern or pseudoregulation?. <b>2011</b> , 271, 5-14	44
930	[Molecular mechanisms regulating the activity of macrophages]. <b>2011</b> , 37, 437-51	6
929	Phenotypic and functional plasticity of cells of innate immunity: macrophages, mast cells and neutrophils. <b>2011</b> , 12, 1035-44	680
928	Synergistic effect of tumor necrosis factor-alpha and hydrogen peroxide on the induction of IL-8 production in human intestinal Caco-2 cells. <b>2011</b> , 34, 440-7	14
927	A gene expression signature identifies two prognostic subgroups of basal breast cancer. <b>2011</b> , 126, 407-20	192
926	Effect of the modulation of leucine zipper tumor suppressor 2 expression on proliferation of various cancer cells functions as a tumor suppressor. <b>2011</b> , 346, 125-36	10
925	Activation of NF- $\kappa$ B by nucleocapsid protein of the porcine reproductive and respiratory syndrome virus. <b>2011</b> , 42, 76-81	32
924	Classical swine fever virus NS2 protein promotes interleukin-8 expression and inhibits MG132-induced apoptosis. <b>2011</b> , 42, 355-62	20
923	S-propargyl-cysteine (ZYZ-802), a sulphur-containing amino acid, attenuates beta-amyloid-induced cognitive deficits and pro-inflammatory response: involvement of ERK1/2 and NF- $\kappa$ B pathway in rats. <b>2011</b> , 40, 601-10	37
922	Comparative genomics identifies candidate genes for infectious salmon anemia (ISA) resistance in Atlantic salmon (Salmo salar). <b>2011</b> , 13, 232-41	46
921	Immunohistochemical study of nuclear factor- $\kappa$ B activity in colorectal cancer. <b>2011</b> , 10, 406-409	1
920	Association of the NFKBIA gene polymorphisms with susceptibility to autoimmune and inflammatory diseases: a meta-analysis. <b>2011</b> , 60, 11-8	19

919	Methyl-1-hydroxy-2-naphthoate, a novel naphthol derivative, inhibits lipopolysaccharide-induced inflammatory response in macrophages via suppression of NF- $\kappa$ B, JNK and p38 MAPK pathways. <b>2011</b> , 60, 851-9	15
918	Role of the Toll-like receptor pathway in the recognition of orthopedic implant wear-debris particles. <b>2011</b> , 32, 5535-42	100
917	The suppressive effects of lanthanum on the production of inflammatory mediators in mice challenged by LPS. <b>2011</b> , 142, 693-703	16
916	Classical and alternative nuclear factor- $\kappa$ B pathways: a comparison among normal prostate, benign prostate hyperplasia and prostate cancer. <b>2011</b> , 17, 873-8	6
915	Poly(ADP-ribose)polymerase-1 modulates microglial responses to amyloid $\beta$ <b>2011</b> , 8, 152	69
914	Gallus Heat shock cognate protein 70, a novel binding partner of Apoptin. <b>2011</b> , 8, 324	5
913	Cigarette smoke increases TLR4 and TLR9 expression and induces cytokine production from CD8(+) T cells in chronic obstructive pulmonary disease. <b>2011</b> , 12, 149	54
912	Divergent responses to peptidoglycans derived from different E. coli serotypes influence inflammatory outcome in trout, <i>Oncorhynchus mykiss</i> , macrophages. <b>2011</b> , 12, 34	15
911	Activated oncogenic pathways and therapeutic targets in extranodal nasal-type NK/T cell lymphoma revealed by gene expression profiling. <b>2011</b> , 223, 496-510	107
910	High-fat diet increases NF- $\kappa$ B signaling in the prostate of reporter mice. <b>2011</b> , 71, 147-56	53
909	Honokiol inhibits LPS-induced maturation and inflammatory response of human monocyte-derived dendritic cells. <b>2011</b> , 226, 2338-49	40
908	Selective effects of NF- $\kappa$ B1 deficiency in CD4+ T cells on Th2 and TFh induction by alum-precipitated protein vaccines. <b>2011</b> , 41, 1573-82	20
907	Expression of N-methyl D-aspartate receptor subunits in amoeboid microglia mediates production of nitric oxide via NF- $\kappa$ B signaling pathway and oligodendrocyte cell death in hypoxic postnatal rats. <b>2011</b> , 59, 521-39	61
906	Signaling pathway of inflammatory responses in the mouse liver caused by TiO <sub>2</sub> nanoparticles. <b>2011</b> , 96, 221-9	140
905	Herbal medicinal products target defined biochemical and molecular mediators of inflammatory autoimmune arthritis. <b>2011</b> , 19, 21-9	66
904	Discovery of imidazo[1,2-b]pyridazines as IKK $\alpha$ inhibitors. Part 2: improvement of potency in vitro and in vivo. <b>2011</b> , 21, 904-8	13
903	Novel dihydrothieno[2,3-e]indazole derivatives as I $\kappa$ B kinase inhibitors. <b>2011</b> , 21, 1758-62	10
902	Discovery of imidazo[1,2-b]pyridazines as IKK $\alpha$ inhibitors. Part 3: exploration of effective compounds in arthritis models. <b>2011</b> , 21, 4550-5	20

901	Alcohol abuse and <i>Streptococcus pneumoniae</i> infections: consideration of virulence factors and impaired immune responses. <b>2011</b> , 45, 523-39	37
900	Robust stability and instability of biochemical networks with parametric uncertainty. <b>2011</b> , 47, 1139-1146	22
899	Common bean ( <i>Phaseolus vulgaris</i> L.) hydrolysates inhibit inflammation in LPS-induced macrophages through suppression of NF- $\kappa$ B pathways. <b>2011</b> , 127, 1175-85	66
898	Alternative for anti-TNF antibodies for arthritis treatment. <b>2011</b> , 19, 1887-95	11
897	Endoplasmic reticulum stress induced by surfactant protein C BRICHOS mutants promotes proinflammatory signaling by epithelial cells. <b>2011</b> , 44, 404-14	52
896	Activation of the NF- $\kappa$ B pathway by adeno-associated virus (AAV) vectors and its implications in immune response and gene therapy. <b>2011</b> , 108, 3743-8	60
895	Critical role of cRel subunit of NF- $\kappa$ B in sepsis survival. <b>2011</b> , 79, 1848-54	22
894	Diversity of interferon antagonist activities mediated by NSP1 proteins of different rotavirus strains. <b>2011</b> , 85, 1970-9	63
893	Novel aspects of fibrin(ogen) fragments during inflammation. <b>2011</b> , 17, 568-73	151
892	Amelioration of experimental autoimmune uveoretinitis by aldose reductase inhibition in Lewis rats. <b>2011</b> , 52, 8033-41	10
891	Malt1-dependent RelB cleavage promotes canonical NF- $\kappa$ B activation in lymphocytes and lymphoma cell lines. <b>2011</b> , 108, 14596-601	186
890	Constitutive intestinal NF- $\kappa$ B does not trigger destructive inflammation unless accompanied by MAPK activation. <b>2011</b> , 208, 1889-900	123
889	A20-binding inhibitor of nuclear factor- $\kappa$ B (NF- $\kappa$ B)-2 (ABIN-2) is an activator of inhibitor of NF- $\kappa$ B (I $\kappa$ B) kinase alpha (IKK $\alpha$ )-mediated NF- $\kappa$ B transcriptional activity. <b>2011</b> , 286, 32277-88	24
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887	NF- $\kappa$ B1 inhibits TLR-induced IFN- $\gamma$ production in macrophages through TPL-2-dependent ERK activation. <b>2011</b> , 186, 1989-96	32
886	Regulation of keratin expression by retinoids. <b>2011</b> , 3, 136-140	46
885	From MALT lymphoma to the CBM signalosome: three decades of discovery. <b>2011</b> , 10, 2485-96	67
884	Nuclear factor $\kappa$ B-dependent neurite remodeling is mediated by Notch pathway. <b>2011</b> , 31, 11697-705	43

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882	Genomic analysis reveals a novel nuclear factor- $\kappa$ B (NF- $\kappa$ B)-binding site in Alu-repetitive elements. <b>2011</b> , 286, 38768-38782	44
881	Tumor suppressor protein (p)53, is a regulator of NF- $\kappa$ B repression by the glucocorticoid receptor. <b>2011</b> , 108, 17117-22	68
880	Nuclear factor- $\kappa$ B contributes to neuron-dependent induction of glutamate transporter-1 expression in astrocytes. <b>2011</b> , 31, 9159-69	65
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869	Anti-inflammatory effects of bangpungtongsung-san, a traditional herbal prescription. <b>2012</b> , 2012, 892943	16
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865	Protective Effect of Proanthocyanidin against Diabetic Oxidative Stress. <b>2012</b> , 2012, 623879	28
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862	Viral mediated redirection of NEMO/I $\kappa$ B $\alpha$ to autophagosomes curtails the inflammatory cascade. <b>2012</b> , 8, e1002517	71
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856	Numbl inhibits glioma cell migration and invasion by suppressing TRAF5-mediated NF- $\kappa$ B activation. <b>2012</b> , 23, 2635-44	68
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848	Identification of an N-terminal truncation of the NF- $\kappa$ B p65 subunit that specifically modulates ribosomal protein S3-dependent NF- $\kappa$ B gene expression. <b>2012</b> , 287, 43019-29	26



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846	Dendritic cell sphingosine 1-phosphate receptor-3 regulates Th1-Th2 polarity in kidney ischemia-reperfusion injury. <b>2012</b> , 189, 2584-96	60
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836	Nodakenin suppresses lipopolysaccharide-induced inflammatory responses in macrophage cells by inhibiting tumor necrosis factor receptor-associated factor 6 and nuclear factor- $\kappa$ B pathways and protects mice from lethal endotoxin shock. <b>2012</b> , 342, 654-64	57
835	Luminescent detection of DNA-binding proteins. <b>2012</b> , 40, 941-55	84
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831	Targeting the Role of Astrocytes in the Progression of Alzheimers Disease. <b>2012</b> , 7, 20-27	5
830	Molecular mechanisms of treg-mediated T cell suppression. <b>2012</b> , 3, 51	377

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823	D-allose ameliorates cisplatin-induced nephrotoxicity in mice. <b>2012</b> , 228, 215-21	14
822	Plantagiolides I and J, two new withanolide glucosides from <i>Tacca plantaginea</i> with nuclear factor- $\kappa$ B inhibitory and peroxisome proliferator-activated receptor transactivational activities. <b>2012</b> , 60, 1494-501	13
821	Interleukin receptor activates a MYD88-ARNO-ARF6 cascade to disrupt vascular stability. <b>2012</b> , 492, 252-5	114
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818	Effect of tick saliva on signalling pathways activated by TLR-2 ligand and <i>Borrelia afzelii</i> in dendritic cells. <b>2012</b> , 34, 421-9	25
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811	Reproductive hormones and interleukin-6 in serious leisure male athletes. <b>2012</b> , 112, 3765-73	22
810	Dichloromethane fraction of <i>Laminaria japonica</i> ethanolic extract inhibits lipopolysaccharide-induced nitric oxide synthase and cyclooxygenase-2 expression in RAW 264.7 cells via NF- $\kappa$ B pathway. <b>2012</b> , 35, 1650-8	10
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804	RNF11 modulates microglia activation through NF- $\kappa$ B signalling cascade. <b>2012</b> , 528, 174-9	25
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788	Effects of taraxasterol on inflammatory responses in lipopolysaccharide-induced RAW 264.7 macrophages. <b>2012</b> , 141, 206-11	71
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784	17-Hydroxy-jolkinolide B, a diterpenoid from <i>Euphorbia fischeriana</i> , inhibits inflammatory mediators but activates heme oxygenase-1 expression in lipopolysaccharide-stimulated murine macrophages. <b>2012</b> , 12, 101-9	28
783	Effects of ghrelin on pulmonary NOD2 mRNA expression and NF- $\kappa$ B activation when protects against acute lung injury in rats challenged with cecal ligation and puncture. <b>2012</b> , 13, 440-5	22
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772	Dioscoreanone suppresses LPS-induced nitric oxide production and inflammatory cytokine expression in RAW 264.7 macrophages by NF- $\kappa$ B and ERK1/2 signaling transduction. <b>2012</b> , 113, 3427-35	19
771	A moderate increase in ambient temperature modulates the Atlantic cod ( <i>Gadus morhua</i> ) spleen transcriptome response to intraperitoneal viral mimic injection. <b>2012</b> , 13, 431	51
770	Neuronal RING finger protein 11 (RNF11) regulates canonical NF- $\kappa$ B signaling. <b>2012</b> , 9, 67	14
769	Porcine reproductive and respiratory syndrome virus nonstructural protein 2 contributes to NF- $\kappa$ B activation. <b>2012</b> , 9, 83	42
768	Matrine alleviates <i>Staphylococcus aureus</i> lipoteichoic acid-induced endometritis via suppression of TLR2-mediated NF- $\kappa$ B activation. <b>2019</b> , 70, 201-207	21
767	Protective effect of oxytocin on LPS-induced acute lung injury in mice. <b>2019</b> , 9, 2836	33
766	Synthesis and discovery of asiatic acid based 1,2,3-triazole derivatives as antitumor agents blocking NF- $\kappa$ B activation and cell migration. <b>2019</b> , 10, 584-597	12
765	Mechanical regulation of macrophage function - cyclic tensile force inhibits NLRP3 inflammasome-dependent IL-1 $\beta$ secretion in murine macrophages. <b>2019</b> , 39, 3	24
764	Platelet-rich plasma plays an antibacterial, anti-inflammatory and cell proliferation-promoting role in an in vitro model for diabetic infected wounds. <b>2019</b> , 12, 297-309	22
763	TRPC6 modulates adhesion of neutrophils to airway epithelial cells via NF- $\kappa$ B activation and ICAM-1 expression with ozone exposure. <b>2019</b> , 377, 56-66	7
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761	Lour. Methanol Extract Exhibits Anti-Inflammatory Activity by Targeting Syk, Src, and IRAK1 Kinase Activity. <b>2019</b> , 2019, 6879346	4
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756	Sarcodia suieae acetyl-xylogalactan regulate RAW 264.7 macrophage NF-kappa B activation and IL-1 beta cytokine production in macrophage polarization. <b>2019</b> , 9, 19627	11
755	Clostridium tyrobutyricum alleviates Staphylococcus aureus-induced endometritis in mice by inhibiting endometrial barrier disruption and inflammatory response. <b>2019</b> , 10, 6699-6710	7
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750	Thrombin Induces Secretion of Multiple Cytokines and Expression of Protease-Activated Receptors in Mouse Mast Cell Line. <b>2019</b> , 2019, 4952131	6
749	Identification and functional characterization of grass carp (Ctenopharyngodon idella) tumor necrosis factor receptor 2 and its soluble form with potentiality for targeting inflammation. <b>2019</b> , 86, 393-402	6
748	Knockdown of dorsal/relish increases larvae susceptibility to microbes in Spodoptera litura. <b>2019</b> , 22, 87-95	1
747	Chimeric Antigen Receptor Library Screening Using a Novel NF- $\kappa$ B/NFAT Reporter Cell Platform. <b>2019</b> , 27, 287-299	21
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745	TACI expression and plasma cell differentiation are impaired in the absence of functional IBNS. <b>2019</b> , 97, 485-497	2
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741	GLUT6 is a lysosomal transporter that is regulated by inflammatory stimuli and modulates glycolysis in macrophages. <b>2019</b> , 593, 195-208	24
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736	Arctigenin inhibits RANKL-induced osteoclastogenesis and hydroxyapatite resorption in vitro and prevents titanium particle-induced bone loss in vivo. <b>2019</b> , 120, 5367-5376	6
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726	Pharmacological potential of alkylamides from <i>Acmella oleracea</i> flowers and synthetic isobutylalkyl amide to treat inflammatory pain. <b>2020</b> , 28, 175-186	13
725	Artemisinin alleviates atherosclerotic lesion by reducing macrophage inflammation via regulation of AMPK/NF- $\kappa$ B/NLRP3 inflammasomes pathway. <b>2020</b> , 28, 70-79	17
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719	Grape Seed Proanthocyanidin Extract Mitigates Titanium Dioxide Nanoparticle (TiO-NPs)-Induced Hepatotoxicity Through TLR-4/NF- $\kappa$ B Signaling Pathway. <b>2020</b> , 196, 579-589	32
718	Effect of coffee constituents, caffeine and caffeic acid on anxiety and lipopolysaccharide-induced sickness behavior in mice. <b>2020</b> , 64, 103638	13
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621	Curcumin ameliorates Staphylococcus aureus-induced mastitis injury through attenuating TLR2-mediated NF- $\kappa$ B activation. <b>2020</b> , 142, 104054	4
620	miR-200b regulates cellular senescence and inflammatory responses by targeting ZEB2 in pulmonary emphysema. <b>2020</b> , 48, 656-663	13
619	Schizandrin attenuates lung lesions induced by Avian pathogenic Escherichia coli in chickens. <b>2020</b> , 142, 104059	3
618	Eckol from Ecklonia cava ameliorates TNF- $\alpha$ /NF- $\kappa$ B-induced inflammatory responses via regulating MAPKs and NF- $\kappa$ B signaling pathway in HaCaT cells. <b>2020</b> , 82, 106146	12
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603	Mechanisms of traditional Chinese medicines in the treatment of allergic rhinitis using a network biology approach. <b>2021</b> , 8, 82-89	2
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600	Protective effects of propolis on hepatic steatosis and fibrosis among patients with nonalcoholic fatty liver disease (NAFLD) evaluated by real-time two-dimensional shear wave elastography: A randomized clinical trial. <b>2021</b> , 35, 1669-1679	10
599	Protease-activated receptor 4 plays a role in lipopolysaccharide-induced inflammatory mechanisms in murine macrophages. <b>2021</b> , 394, 853-862	0
598	The Role and Therapeutic Potential of NF- $\kappa$ B Pathway in Severe COVID-19 Patients. <b>2021</b> , 29, 91-100	100
597	Evaluation of dried porcine solubles in diets of Rice field eel ( <i>Monopterus albus</i> ). <b>2021</b> , 531, 735897	3
596	Glycogen synthase kinase-3: A putative target to combat severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) pandemic. <b>2021</b> , 58, 92-101	10

595	Amorphous silica nanoparticles induce inflammation via activation of NLRP3 inflammasome and HMGB1/TLR4/MYD88/NF-kb signaling pathway in HUVEC cells. <b>2021</b> , 404, 124050	18
594	Hydroalcoholic extract of <i>Tagetes minuta</i> L. inhibits inflammatory bowel disease through the activity of pheophytins on the NF- $\kappa$ B signalling pathway. <b>2021</b> , 268, 113603	2
593	Moderators of skeletal muscle maintenance are compromised in sarcopenic obese mice. <b>2021</b> , 194, 111404	0
592	Identification of Paracentrone in Fucoxanthin-Fed Mice and Anti-Inflammatory Effect against Lipopolysaccharide-Stimulated Macrophages and Adipocytes. <b>2021</b> , 65, e2000405	2
591	The Role of NLRP3 Inflammasome Activities in Bone Diseases and Vascular Calcification. <b>2021</b> , 44, 434-449	11
590	<i>Taraxacum mongolicum</i> protects against <i>Staphylococcus aureus</i> -infected mastitis by exerting anti-inflammatory role via TLR2-NF- $\kappa$ B/MAPKs pathways in mice. <b>2021</b> , 268, 113595	8
589	The discovery of quinoline derivatives, as NF- $\kappa$ B inducing kinase (NIK) inhibitors with anti-inflammatory effects in vitro, low toxicities against T cell growth. <b>2021</b> , 29, 115856	3
588	Limonin ameliorates dextran sulfate sodium-induced chronic colitis in mice by inhibiting PERK-ATF4-CHOP pathway of ER stress and NF- $\kappa$ B signaling. <b>2021</b> , 90, 107161	8
587	Mechanisms involved in regulation of periodontal ligament cell production of pro-inflammatory cytokines: Implications in periodontitis. <b>2021</b> , 56, 249-255	15
586	Effects of plant-derived isoquinoline alkaloids on growth performance and intestinal function of broiler chickens under heat stress. <b>2021</b> , 100, 957-963	10
585	Acyclovir inhibits channel catfish virus replication and protects channel catfish ovary cells from apoptosis. <b>2021</b> , 292, 198249	7
584	Dieckol alleviates dextran sulfate sodium-induced colitis via inhibition of inflammatory pathway and activation of Nrf2/HO-1 signaling pathway. <b>2021</b> , 36, 782-788	5
583	Covalent Modification of Proteins by Plant-Derived Natural Products: Proteomic Approaches and Biological Impacts. <b>2021</b> , 21, e1900386	1
582	Nucleophosmin contributes to vascular inflammation and endothelial dysfunction in atherosclerosis progression. <b>2021</b> , 161, e377-e393	11
581	Platonin, a Cyanine Photosensitizing Dye, Ameliorates Inflammatory Responses in Vascular Smooth Muscle Cells by Modulating Inflammatory Transcription Factors. <b>2021</b> , 11, 1130	0
580	Design and evaluation of IKK-activated GSK3 $\beta$ inhibitory peptide as an inflammation-responsive anti-colitic therapeutic. <b>2021</b> , 9, 6584-6596	1
579	Potential effect of astragaloside IV on the lipopolysaccharide induced inflammation via the inactivation of NF- $\kappa$ B signaling pathway. <b>2021</b> , 17, 379	
578	Targeting Acute Inflammation. <b>2021</b> , 269-286	



577	Crustacea (Carotenoids Namely Astaxanthins) Against Cancer. <b>2021</b> , 145-178	
576	Probing nucleus-enriched proteins in single living cells via a subcellular-resolved plasmonic immunosandwich assay. <b>2021</b> , 146, 2878-2885	2
575	In vitro effects of Type I interferons (IFN $\alpha$ and IFN $\beta$ ) on bovine hepatocytes cultured with or without Kupffer cells. <b>2021</b> , 33, 305-317	0
574	Medicinally Privileged Sultams: Synthesis and Mechanism of Action. <b>2020</b> , 20, 2193-2206	4
573	Regulation of Bcl-XL by non-canonical NF- $\kappa$ B in the context of CD40-induced drug resistance in CLL. <b>2021</b> , 28, 1658-1668	6
572	Polydatin inhibits LPS-induced inflammatory response in BV2 microglia by disrupting the formation of lipid rafts. <b>2021</b> , 43, 138-144	1
571	Transcriptome Analysis Reveals Altered Inflammatory Pathway in an Inducible Glial Cell Model of Myotonic Dystrophy Type 1. <b>2021</b> , 11,	6
570	Seco-type $\beta$ Apocarotenoid Generated by $\beta$ Carotene Oxidation Exerts Anti-inflammatory Effects against Activated Macrophages. <b>2021</b> , 70, 549-558	1
569	Low-Molecular-Weight Chitosan Attenuates Lipopolysaccharide-Induced Inflammation in IPEC-J2 Cells by Inhibiting the Nuclear Factor- $\kappa$ B Signalling Pathway. <b>2021</b> , 26,	2
568	Epigenetic Effects of Prenatal Stress. <b>2021</b> , 89-111	1
567	Substrate-specific recognition of IKKs mediated by USP16 facilitates autoimmune inflammation. <b>2021</b> , 7,	5
566	Visfatin: An emerging adipocytokine bridging the gap in the evolution of cardiovascular diseases. <b>2021</b> , 236, 6282-6296	7
565	DOCK2 contributes to endotoxemia-induced acute lung injury in mice by activating proinflammatory macrophages. <b>2021</b> , 184, 114399	5
564	USP14 negatively regulates RIG-I-mediated IL-6 and TNF- $\alpha$ production by inhibiting NF- $\kappa$ B activation. <b>2021</b> , 130, 69-76	2
563	Nutraceutical potential of dietary phytochemicals in edible flowers-A review. <b>2021</b> , 45, e13642	10
562	The Impact of Hepatitis C Virus Genotypes on Oxidative Stress Markers and Catalase Activity. <b>2021</b> , 2021, 6676057	1
561	Role of Pirin, an Oxidative Stress Sensor Protein, in Epithelial Carcinogenesis. <b>2021</b> , 10,	2
560	Temperature Plays an Essential Regulatory Role in the Tumor Immune Microenvironment. <b>2021</b> , 17, 169-195	1



559	The role of curcumin in aging and senescence: Molecular mechanisms. <b>2021</b> , 134, 111119	34
558	Immunomodulatory effects of wheat bran arabinoxylan on RAW264.7 macrophages via the NF- $\kappa$ B signaling pathway using RNA-seq analysis. <b>2021</b> , 140, 110067	8
557	Targeted deletion of Atg5 in intestinal epithelial cells promotes dextran sodium sulfate-induced colitis. <b>2021</b> , 68, 156-163	1
556	Influences of Selenium-Enriched Yeast on Growth Performance, Immune Function, and Antioxidant Capacity in Weaned Pigs Exposure to Oxidative Stress. <b>2021</b> , 2021, 5533210	3
555	L. Attenuates Cigarette Smoke and Lipopolysaccharide-Induced COPD in Rats via Inflammation Inhibition and Antioxidant and Antifibrosis Pathways. <b>2021</b> , 2021, 6103158	2
554	IL-8 as a Potential Therapeutic Target for Periodontitis and Its Inhibition by Caffeic Acid Phenethyl Ester In Vitro. <b>2021</b> , 22,	3
553	Paeoniflorin treatment regulates TLR4/NF- $\kappa$ B signaling, reduces cerebral oxidative stress and improves white matter integrity in neonatal hypoxic brain injury. <b>2021</b> , 25, 97-109	3
552	Hypoxia-Induced Cyr61/CCN1 Production in Infantile Hemangioma. <b>2021</b> , 147, 412e-423e	2
551	Fish NF- $\kappa$ B couples TCR and IL-17 signals to regulate ancestral T-cell immune response against bacterial infection. <b>2021</b> , 35, e21457	3
550	Dual effect of selenium loaded chitosan nanoparticles on growth, antioxidant, immune related genes expression, transcriptomics modulation of caspase 1, cytochrome P450 and heat shock protein and <i>Aeromonas hydrophila</i> resistance of Nile Tilapia ( <i>Oreochromis niloticus</i> ). <b>2021</b> , 110, 91-99	5
549	Protective Effect of Brassica napus L. Hydrosols against Inflammation Response in RAW 264.7 Cells. <b>2021</b> , 27, 273-279	0
548	Potential Application of Plant-Based Functional Foods in the Development of Immune Boosters. <b>2021</b> , 12, 637782	5
547	Identification of differentially expressed genes and the role of PDK4 in CD14+ monocytes of coronary artery disease. <b>2021</b> , 41,	0
546	Anti-Neuroinflammatory Effects and Mechanism of Action of Extract in BV2 Microglia. <b>2021</b> , 10,	0
545	Frutescone O from Blocked TLR4-Mediated Myd88/NF- $\kappa$ B and MAPK Signaling Pathways in LPS Induced RAW264.7 Macrophages. <b>2021</b> , 12, 643188	0
544	Global Research Trends of Ferroptosis: A Rapidly Evolving Field With Enormous Potential. <b>2021</b> , 9, 646311	11
543	Sustainable Drug Discovery of Multi-Target-Directed Ligands for Alzheimer's Disease. <b>2021</b> , 64, 4972-4990	18
542	Melatonin attenuates hepatic ischemia-reperfusion injury in rats by inhibiting NF- $\kappa$ B signaling pathway. <b>2021</b> , 20, 551-551	1

541	Development of a robust bioassay of monoclonal antibodies and biosimilars against TNF- $\beta$ by NF- $\kappa$ B-inducible lentiviral reporter gene. <b>2021</b> , 93, 107418	
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539	Sargahydroquinonic Acid, a Cyclooxygenase-2 Inhibitor, Attenuates Inflammatory Responses by Regulating NF- $\kappa$ B Inactivation and Nrf2 Activation in Lipopolysaccharide-Stimulated Cells. <b>2021</b> , 44, 2120-2131	3
538	Nuclear factor-kappa B (NF- $\kappa$ B) in pathophysiology of Parkinson disease: Diverse patterns and mechanisms contributing to neurodegeneration. <b>2021</b> , 54, 4101	5
537	Hippo Pathway Counter-Regulates Innate Immunity in Hepatitis B Virus Infection. <b>2021</b> , 12, 684424	1
536	Erythorbyl laurate suppresses TNF- $\beta$ -induced adhesion of monocytes to the vascular endothelium. <b>2021</b> , 80, 104428	2
535	Immune response scenario and vaccine development for SARS-CoV-2 infection. <b>2021</b> , 94, 107439	5
534	Puerarin exhibits antiinflammatory properties in gunpowder smog-induced acute lung injury in rats via regulation of the renin-angiotensin system and the NFB signaling pathway. <b>2021</b> , 22, 809	1
533	G protein-coupled receptor kinase 5 deletion suppresses synovial inflammation in a murine model of collagen antibody-induced arthritis. <b>2021</b> , 11, 10481	0
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531	Neuroprotective Natural Products for Alzheimer's Disease. <b>2021</b> , 10,	17
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529	SRPK1/AKT axis promotes oxaliplatin-induced anti-apoptosis via NF- $\kappa$ B activation in colon cancer. <b>2021</b> , 19, 280	2
528	Recent Advances in Chemotherapeutic Implications of Deguelin: A Plant-Derived Retinoid. <b>2021</b> , 11, 169-181	5
527	The Effect of COVID-19 on NF- $\kappa$ B and Neurological Manifestations of Disease. <b>2021</b> , 58, 4178-4187	9
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525	Molecular and cellular pathways contributing to brain aging. <b>2021</b> , 17, 6	14
524	Evasion of Antiviral Innate Immunity by Porcine Reproductive and Respiratory Syndrome Virus. <b>2021</b> , 12, 693799	3

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522	Exploring the role of Aquaporins (AQPs) in LPS induced systemic inflammation and the ameliorative effect of <i>Garcinia</i> in male Wistar rat. <b>2021</b> , 29, 801-823	3
521	Chrysomycin A Attenuates Neuroinflammation by Down-Regulating NLRP3/Cleaved Caspase-1 Signaling Pathway in LPS-Stimulated Mice and BV2 Cells. <b>2021</b> , 22,	1
520	Role of NF- <b>B</b> in Ageing and Age-Related Diseases: Lessons from Genetically Modified Mouse Models. <b>2021</b> , 10,	16
519	Danshensu alleviates pseudo-typed SARS-CoV-2 induced mouse acute lung inflammation. <b>2021</b> ,	4
518	Role of Nrf2 in Synaptic Plasticity and Memory in Alzheimer's Disease. <b>2021</b> , 10,	3
517	Protective Effects Induced by a Hydroalcoholic Extract in Isolated Mouse Heart. <b>2021</b> , 13,	4
516	Structural characterization and immunomodulatory mechanisms of two novel glucans from <i>Morchella importuna</i> fruiting bodies. <b>2021</b> , 183, 145-157	3
515	Network pharmacology of triptolide in cancer cells: implications for transcription factor binding. <b>2021</b> , 39, 1523-1537	3
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512	Feasibility and Mechanism Analysis of Shenfu Injection in the Treatment of Idiopathic Pulmonary Fibrosis. <b>2021</b> , 12, 670146	1
511	Size-Confined Effects of Nanostructures on Fibronectin-Induced Macrophage Inflammation on Titanium Implants. <b>2021</b> , 10, e2100994	4
510	Gancaonin N from Attenuates the Inflammatory Response by Downregulating the NF- <b>B</b> /MAPK Pathway on an Acute Pneumonia In Vitro Model. <b>2021</b> , 13,	3
509	Chronic Inflammation in Chronic Kidney Disease Progression: Role of Nrf2. <b>2021</b> , 6, 1775-1787	26
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507	Salivary Pro-Inflammatory Markers and Smoking Status Influences the Treatment Effectiveness of Periodontal Disease Patients with Hypertension. <b>2021</b> , 18,	
506	The effect of <i>Astragalus</i> polysaccharide on growth, gut and liver health, and anti-viral immunity of zebrafish. <b>2021</b> , 540, 736677	10

505	Neuroendocrine-immune regulation mechanism in crustaceans: A review.	2
504	ZDHHC11 Positively Regulates NF- $\kappa$ B Activation by Enhancing TRAF6 Oligomerization. <b>2021</b> , 9, 710967	2
503	Impact of a long-term high-glucose environment on pro-inflammatory responses in macrophages stimulated with lipopolysaccharide. <b>2021</b> , 394, 2129-2139	0
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501	Anti-Inflammatory Activity of 4-((1,2)-3-Hydroxy-1-(4-hydroxyphenyl)-1-methoxypropan-2-yl)-2-methoxyphenol Isolated from Maxim. in LPS-Stimulated RAW 264.7 Macrophages and Zebrafish Larvae Model. <b>2021</b> , 14,	1
500	Trigoxyphin L Induces Apoptosis of Human Retinoblastoma Y79 Cells via PI3K/AKT/NF- $\kappa$ B Pathway. <b>2021</b> , 17, 420-427	
499	Sargachromenol Purified from Inhibits Inflammatory Responses via Activation of Nrf2/HO-1 Signaling in LPS-Stimulated Macrophages. <b>2021</b> , 19,	3
498	Porcine Reproductive and Respiratory Syndrome Virus Infection Upregulates Negative Immune Regulators and T-Cell Exhaustion Markers. <b>2021</b> , 95, e0105221	2
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496	The Acute Hepatic NF- $\kappa$ B-Mediated Proinflammatory Response to Endotoxemia Is Attenuated in Intrauterine Growth-Restricted Newborn Mice. <b>2021</b> , 12, 706774	0
495	Resveratrol as an Adjunctive Therapy for Excessive Oxidative Stress in Aging COVID-19 Patients. <b>2021</b> , 10,	7
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493	Transcriptomics Underlying Pulmonary Ozone Pathogenesis Regulated by Inflammatory Mediators in Mice. <b>2021</b> , 10,	1
492	Dietary high protein-induced diarrhea and intestinal inflammation by activation of NF- $\kappa$ B signaling in piglets. <b>2021</b> , 7, 1070-1077	0
491	Geranylgeraniol Inhibits Lipopolysaccharide-Induced Inflammation in Mouse-Derived MG6 Microglial Cells via NF- $\kappa$ B Signaling Modulation. <b>2021</b> , 22,	0
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489	Advances in Anti-inflammatory Activity, Mechanism and Therapeutic Application of Ursolic Acid. <b>2021</b> ,	1
488	The NF- $\kappa$ B Pathway: Modulation by and Other Protozoan Parasites. <b>2021</b> , 11, 748404	1

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478	Effects of <i>Bacillus</i> spp. Mixture on Growth, Immune Responses, Expression of Immune-Related Genes, and Resistance of Nile Tilapia Against <i>Streptococcus agalactiae</i> Infection. <b>2021</b> , 1	0
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