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Cyclooxygenase in biology and disease

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#	Paper	IF	Citations
2056	Number of Negative Points: A novel method for predicting radiosensitivity in head and neck tumor cell lines. 1994 , 20, 453		
2055	Cancer chemoprevention: progress and promise. 1998 , 90, 1514-28		124
2054	The inhibitory effect of <i>Gleditsia sinensis</i> on cyclooxygenase-2 expression in human esophageal squamous cell carcinoma. 1998 , 23, 121		2
2053	HGF triggers activation of the COX-2 gene in rat gastric epithelial cells: action mediated through the ERK2 signaling pathway. <i>FASEB Journal</i> , 1999 , 13, 2186-94	0.9	82
2052	Myofibroblasts. II. Intestinal subepithelial myofibroblasts. 1999 , 277, C183-201		447
2051	Effects of nitric oxide and nitric oxide-derived species on prostaglandin endoperoxide synthase and prostaglandin biosynthesis. <i>FASEB Journal</i> , 1999 , 13, 1121-36	0.9	153
2050	Signaling pathways and diabetic embryopathy. 1999 , 17, 167-74		12
2049	Evaluation of Novel New NSAIDs: A Review of COX-2 Inhibitors, with an Emphasis on Gastrointestinal Toxicity. 1999 , 12, 401-411		
2048	Expression of cyclooxygenase-1 and -2 in the baboon endometrium during the menstrual cycle and pregnancy. 1999 , 140, 2672-8		64
2047	Hoxa-10 regulates uterine stromal cell responsiveness to progesterone during implantation and decidualization in the mouse. 1999 , 13, 1005-17		245
2046	Reduction of UV-induced skin tumors in hairless mice by selective COX-2 inhibition. 1999 , 20, 1939-44		282
2045	Arachidonic acid is preferentially metabolized by cyclooxygenase-2 to prostacyclin and prostaglandin E2. 1999 , 274, 11660-6		213
2044	Overexpression of cyclooxygenase-2 induces cell cycle arrest. Evidence for a prostaglandin-independent mechanism. 1999 , 274, 34141-7		84
2043	Low molecular weight group IIA and group V phospholipase A(2) enzymes have different intracellular locations in mouse bone marrow-derived mast cells. 1999 , 274, 31476-84		52
2042	COX-2 and Alzheimer's disease: potential roles in inflammation and neurodegeneration. 1999 , 8, 1521-1536		46
2041	Induction of prostaglandin G/H synthase-2 in a canine model of spontaneous prostatic adenocarcinoma. 1999 , 91, 1398-403		51
2040	Galpha(13) stimulates Rho-dependent activation of the cyclooxygenase-2 promoter. 1999 , 274, 27562-6		37

2039	Cyclooxygenases in Reproductive Medicine and Biology. 1999 , 6, 285-292	14
2038	Suppression of inducible cyclooxygenase and inducible nitric oxide synthase by apigenin and related flavonoids in mouse macrophages. 1999 , 20, 1945-52	469
2037	Cyclooxygenase-2 in Barrett's esophagus, Barrett's adenocarcinomas, and esophageal SCC: ready for clinical trials. 1999 , 94, 2313-5	4
2036	Identification of human prostaglandin E synthase: a microsomal, glutathione-dependent, inducible enzyme, constituting a potential novel drug target. 1999 , 96, 7220-5	858
2035	The binding of arachidonic acid in the cyclooxygenase active site of mouse prostaglandin endoperoxide synthase-2 (COX-2). A putative L-shaped binding conformation utilizing the top channel region. 1999 , 274, 23305-10	104
2034	Clearance of apoptotic thymocytes is decreased by inhibitors of eicosanoid synthesis. 1999 , 6, 593-5	7
2033	Oncogenic mutant of Galpha12 stimulates cell proliferation through cyclooxygenase-2 signaling pathway. 1999 , 18, 7185-9	27
2032	Cyclo-oxygenase-2: pharmacology, physiology, biochemistry and relevance to NSAID therapy. 1999 , 128, 1121-32	202
2031	Selective cyclo-oxygenase-2 inhibitors aggravate ischaemia-reperfusion injury in the rat stomach. 1999 , 128, 1659-66	70
2030	The analgesic NSAID lornoxicam inhibits cyclooxygenase (COX)-1/-2, inducible nitric oxide synthase (iNOS), and the formation of interleukin (IL)-6 in vitro. 1999 , 48, 369-79	84
2029	Management of oxidative stress in the CNS: the many roles of glutathione. 1999 , 1, 119-40	41
2028	Cellular localization of cyclo-oxygenase isozymes in Crohn's disease and colorectal cancer. 1999 , 14, 212-8	27
2027	Interactions between the inducible cyclooxygenase (COX-2) and nitric oxide synthase (iNOS) pathways: implications for therapeutic intervention in osteoarthritis. 1999 , 7, 367-70	31
2026	TNFalpha-induced cyclooxygenase 2 not only increases the vasopermeability of blood-brain barrier but also enhances the neutrophil survival in Escherichia coli-induced brain inflammation. 1999 , 57, 371-82	16
2025	Prostaglandin-H-synthase isozyme expression in normal and neoplastic human skin. 1999 , 82, 648-56	93
2024	Arachidonic acid oxygenation by COX-1 and COX-2. Mechanisms of catalysis and inhibition. 1999 , 274, 22903-6	386
2023	Selective cyclooxygenase-2 inhibitors as non-ulcerogenic anti-inflammatory agents. <i>Expert Opinion on Therapeutic Patents</i> , 1999 , 9, 831-849	6.8 23
2022	Regulation of gene expression by dietary fat. 1999 , 19, 63-90	518

2021	The prevention of colorectal cancer by aspirin use. 1999 , 53, 303-8		55
2020	Cyclooxygenase 2 inhibitors: discovery, selectivity and the future. 1999 , 20, 465-9		168
2019	Pharmacogenetics of cytochromes P450. 1999 , 20, 12-24, 25-137		169
2018	Discussion. 1999 , 94, 2313-2315		2
2017	The clinical potential of cyclooxygenase-2-specific inhibitors. 1999 , 106, 515-575		55
2016	Distribution and expression of cyclooxygenase (COX) isoenzymes, their physiological roles, and the categorization of nonsteroidal anti-inflammatory drugs (NSAIDs). 1999 , 107, 11S-16S; discussion 16S-17S		77
2015	Profile and mechanisms of gastrointestinal and other side effects of nonsteroidal anti-inflammatory drugs (NSAIDs). 1999 , 107, 27S-35S; discussion 35S-36S		147
2014	Functional coupling and differential regulation of the phospholipase A2-cyclooxygenase pathways in inflammation. 1999 , 66, 535-41		56
2013	Nitric oxide synthase and cyclooxygenases: distribution, regulation, and intervention in arthritis. 1999 , 11, 202-9		135
2012	Cyclo-oxygenase-2-derived prostacyclin mediates embryo implantation in the mouse via PPARdelta. 1999 , 13, 1561-74		448
2011	Prostacyclin-mediated activation of peroxisome proliferator-activated receptor delta in colorectal cancer. 2000 , 97, 13275-80		342
2010	Cyclooxygenase regulates human oropharyngeal carcinomas via the proinflammatory cytokine IL-6: a general role for inflammation?. <i>FASEB Journal</i> , 2000 , 14, 1499-507	0.9	47
2009	Inflammatory mechanisms in Alzheimer's disease: inhibition of beta-amyloid-stimulated proinflammatory responses and neurotoxicity by PPARgamma agonists. 2000 , 20, 558-67		523
2008	Suppression of prostaglandin E(2)-mediated c-fos mRNA induction by interleukin-4 in murine macrophages. 2000 , 127, 451-6		9
2007	Are the biologic and clinical effects of the COX-2-specific inhibitors an advance compared with the effects of traditional NSAIDs?. 2000 , 12, 163-70		14
2006	Immunosuppression and anti-inflammatory agents in ALS. 2000 , 1, 33-43		1
2005	Over-expression of cyclooxygenase-2 in human prostate adenocarcinoma. 2000 , 42, 73-8		410
2004	Identification of multiple cis-acting elements mediating the induction of prostaglandin G/H synthase-2 by phorbol ester in murine osteoblastic cells. 2000 , 78, 197-209		33

2003	Basic biology and clinical application of specific cyclooxygenase-2 inhibitors. 2000 , 43, 4-13	237
2002	A selective cyclooxygenase-2 inhibitor decreases proteinuria and retards progressive renal injury in rats. 2000 , 57, 2334-42	120
2001	Coordinate up- and down-regulation of glutathione-dependent prostaglandin E synthase and cyclooxygenase-2 in A549 cells. Inhibition by NS-398 and leukotriene C4. 2000 , 267, 6428-34	170
2000	Tumor necrosis factor has positive and negative self regulatory feed back cycles centered around cAMP. 2000 , 22, 1001-6	46
1999	Cycloheximide-induced cPLA(2) activation is via the MKP-1 down-regulation and ERK activation. 2000 , 12, 457-61	26
1998	Regulation of cyclooxygenase-2 expression in human osteoblastic cells by N-acetylcysteine. 2000 , 136, 390-4	18
1997	Pharmacotherapy in congestive heart failure: COX-2 inhibition: a cautionary note in congestive heart failure. 2000 , 6, 272-276	7
1996	Persistent accumulation of cyclooxygenase-1 (COX-1) expressing microglia/macrophages and upregulation by endothelium following spinal cord injury. 2000 , 111, 122-30	57
1995	Mechanisms to prevent the toxicity of chronic neuroinflammation on forebrain cholinergic neurons. 2000 , 402, 77-85	40
1994	Tryptanthrin inhibits nitric oxide and prostaglandin E(2) synthesis by murine macrophages. 2000 , 407, 197-204	92
1993	Spreading depression-induced cyclooxygenase-2 expression in the cortex. 2000 , 25, 645-51	36
1992	NSAID treatment suppresses VSV propagation in mouse CNS. 2000 , 276, 44-51	45
1991	The contributions of cyclooxygenase-2 to tumor angiogenesis. 2000 , 19, 19-27	271
1990	The induction of cyclooxygenase-2 by 17beta-estradiol in endothelial cells is mediated through protein kinase C. 2000 , 49, 460-5	46
1989	Assay of cyclooxygenase-1 and 2 in human monocytes. 2000 , 49, 737-43	26
1988	Selective accumulation of cyclooxygenase-1-expressing microglial cells/macrophages in lesions of human focal cerebral ischemia. 2000 , 99, 609-14	52
1987	Cyclooxygenase-2 contributes to functional hyperemia in whisker-barrel cortex. 2000 , 20, 763-70	225
1986	Cyclooxygenase regulates human oropharyngeal carcinomas via the proinflammatory cytokine IL-6: a general role for inflammation?. <i>FASEB Journal</i> , 2000 , 14, 1499-1507	0.9 61

1985	Time-Dependent Variations in Serum Nitrite, 6-Keto-Prostaglandin F _{1α} and Thromboxane B ₂ Levels Induced by Lipopolysaccharide in Mice. 2000 , 31, 499-513	12
1984	COX-2 inhibitors. 2000 , 173, 433-436	20
1983	The isolated perfused bovine udder as a model of dermal eicosanoid release. 2000 , 28, 643-9	9
1982	Immunosuppression and anti-inflammatory agents in ALS. 2000 , 1, S33-S43	4
1981	Nitric oxide synthase/COX cross-talk: nitric oxide activates COX-1 but inhibits COX-2-derived prostaglandin production. 2000 , 165, 1582-7	160
1980	Xenobiotic-metabolizing cytochromes P450 convert prostaglandin endoperoxide to hydroxyheptadecatrienoic acid and the mutagen, malondialdehyde. 2000 , 275, 11784-90	57
1979	Regulation of cyclooxygenase 2 mRNA stability by the mitogen-activated protein kinase p38 signaling cascade. 2000 , 20, 4265-74	362
1978	Cyclooxygenase-2 expression in macrophages: modulation by protein kinase C-α. 2000 , 165, 3985-91	88
1977	Role of mitogen-activated protein kinase cascades in mediating lipopolysaccharide-stimulated induction of cyclooxygenase-2 and IL-1 beta in RAW264 macrophages. 2000 , 164, 3018-25	189
1976	Celecoxib clinical profile. 2000 , 39 Suppl 2, 21-8; discussion 57-9	29
1975	Advances in Eicosanoid Research. 2000 ,	
1974	Expression of cyclooxygenase-2 and prostanoid receptors by human myometrium. 2000 , 85, 3468-75	74
1973	Uterine expression of prostaglandin H ₂ synthase in late pregnancy and during parturition in prostaglandin F receptor-deficient mice. 2000 , 141, 315-24	74
1972	Physiologic characteristics and clinical importance of the cyclooxygenase isoforms in dogs and cats. 2000 , 217, 721-9	58
1971	Cyclooxygenase 2 promotes cell survival by stimulation of dynein light chain expression and inhibition of neuronal nitric oxide synthase activity. 2000 , 20, 8571-9	75
1970	Oxygenation of the endocannabinoid, 2-arachidonylglycerol, to glyceryl prostaglandins by cyclooxygenase-2. 2000 , 275, 33744-9	308
1969	Regulation of constitutive cyclooxygenase-2 expression in colon carcinoma cells. 2000 , 275, 33951-6	205
1968	Expression of cyclooxygenase-2 in transitional cell carcinoma of the urinary bladder in dogs. 2000 , 61, 478-81	110

1967	Sp1 increases expression of cyclooxygenase-2 in hypoxic vascular endothelium. Implications for the mechanisms of aortic aneurysm and heart failure. 2000 , 275, 24583-9	98
1966	Identification of a novel prostaglandin f(2alpha) synthase in <i>Trypanosoma brucei</i> . 2000 , 192, 1327-38	94
1965	Serum withdrawal-induced post-transcriptional stabilization of cyclooxygenase-2 mRNA in MDA-MB-231 mammary carcinoma cells requires the activity of the p38 stress-activated protein kinase. 2000 , 275, 39507-15	59
1964	Feedback control of cyclooxygenase-2 expression through PPARgamma. 2000 , 275, 28028-32	223
1963	Specific inhibition of cyclooxygenase 2 restores antitumor reactivity by altering the balance of IL-10 and IL-12 synthesis. 2000 , 164, 361-70	404
1962	Effects of celecoxib and naproxen on renal function in the elderly. 2000 , 160, 1465-70	197
1961	Cyclooxygenase-2 expression in inflammatory lung lesions of nonhuman primates. 2000 , 37, 512-6	13
1960	Overview of the arthritis Cost Consequence Evaluation System (ACCES): a pharmacoeconomic model for celecoxib. 2000 , 39 Suppl 2, 33-42; discussion 57-9	23
1959	Induction of cyclooxygenase-2 by angiotensin II in cultured rat vascular smooth muscle cells. 2000 , 35, 68-75	121
1958	The cyclooxygenase-2 inhibitor celecoxib induces apoptosis by blocking Akt activation in human prostate cancer cells independently of Bcl-2. 2000 , 275, 11397-403	528
1957	Regulation of cyclooxygenase-2 by hypoxia and peroxisome proliferators in the corneal epithelium. 2000 , 275, 2837-44	101
1956	Immediate-early MEK-1-dependent stabilization of rat smooth muscle cell cyclooxygenase-2 mRNA by Galpha(q)-coupled receptor signaling. 2000 , 275, 23012-9	46
1955	Inhibition of NF-kappaB and AP-1 activation by R- and S-flurbiprofen. <i>FASEB Journal</i> , 2001 , 15, 2-4	0.9 27
1954	Mouse group X secretory phospholipase A2 induces a potent release of arachidonic acid from spleen cells and acts as a ligand for the phospholipase A2 receptor. 2000 , 381, 31-42	76
1953	Induction of COX-2 expression by nitric oxide in rheumatoid synovial cells. 2000 , 268, 928-31	26
1952	Selective inhibition of cyclooxygenase-2 with antisense oligodeoxynucleotide restricts induction of rat adjuvant-induced arthritis. 2000 , 269, 415-21	11
1951	Differential regulation of COX-2 transcription by Ras- and Rho-family of GTPases. 2000 , 276, 406-10	39
1950	Synthesis and biological evaluation of 3,4-diaryloxazolones: A new class of orally active cyclooxygenase-2 inhibitors. 2000 , 43, 214-23	90

1949	Are COX-2 selective inhibitors nephrotoxic?. 2000 , 35, 976-7	22
1948	Expression of prostaglandin E synthase mRNA is induced in beta-amyloid treated rat astrocytes. 2000 , 283, 221-3	55
1947	Nonsteroidal anti-inflammatory analgesics. Indications and contraindications for pain management in dogs and cats. 2000 , 30, 783-804, vi-vii	55
1946	[Non-steroidal anti-inflammatory agents with selective inhibitory activity on cyclooxygenase-2. Interest and future prospects]. 2000 , 21, 978-88	9
1945	Nonsteroidal anti-inflammatory drugs in the elderly. 2000 , 1, 40-50	37
1944	Discordant effect of aspirin and indomethacin on intestinal tumor burden in Apc(Min/+)mice. 2000 , 62, 269-75	31
1943	Non-steroidal anti-inflammatory drugs might also be pro-inflammatory by increasing tumor necrosis factor. 2000 , 54, 168-9	18
1942	Expression of cyclooxygenase-1 and cyclooxygenase-2 in the human prostate. 2000 , 56, 671-6	221
1941	Mechanisms of NSAID-induced gastrointestinal injury defined using mutant mice. 2000 , 119, 699-705	109
1940	Inducible cyclooxygenase-2 gene expression in the human thyroid epithelial cell line Nthy-ori3-1. 2000 , 49, 139-43	14
1939	Spreading depression-induced expression of c-fos and cyclooxygenase-2 in transgenic mice that overexpress human copper/zinc-superoxide dismutase. 2000 , 17, 713-8	11
1938	Regional expression and role of cyclooxygenase-2 following experimental traumatic brain injury. 2000 , 17, 69-81	107
1937	Selective inhibitors of COX-2--are they safe for the stomach?. 2000 , 35, 1121-4	3
1936	Superinduction of cyclooxygenase-2 by NO(*) and agonist challenge involves transcriptional regulation mediated by AP-1 activation. 2000 , 39, 1532-40	17
1935	Suppression of azoxymethane-induced preneoplastic lesions and inhibition of cyclooxygenase-2 activity in the colonic mucosa of rats drinking a crude green tea extract. 2000 , 38, 60-4	47
1934	Reply. 2000 , 119, 600-602	6
1933	Cyclooxygenase 2 expression in Barrett's esophagus and adenocarcinoma: Ex vivo induction by bile salts and acid exposure. 2000 , 118, 487-96	385
1932	Nonsteroidal anti-inflammatory drugs, COX-2 and colorectal cancer. 2000 , 112-113, 493-8	26

1931	The health benefits of wine. 2000 , 20, 561-93		326
1930	Cyclo-oxygenase isoenzymes. Structural basis for selective inhibition of cyclo-oxygenases by anti-inflammatory agents. 2001 , 33 Suppl 2, S2-7		14
1929	Design and synthesis of 4,5-diphenyl-4-isoxazolines: novel inhibitors of cyclooxygenase-2 with analgesic and antiinflammatory activity. 2001 , 44, 2921-7		155
1928	Apoptosis signaling pathways mediated by cyclooxygenase-2 inhibitors in prostate cancer cells. 2001 , 41, 221-35		54
1927	Effects of COX-2 inhibitors on aortic prostacyclin production in cholesterol-fed rabbits. 2001 , 157, 393-402		35
1926	Five-lipoxygenase inhibitors can mediate apoptosis in human breast cancer cell lines through complex eicosanoid interactions. <i>FASEB Journal</i> , 2001 , 15, 2007-9	0.9	164
1925	Prostaglandin biology. 2001 , 30, 863-76		36
1924	Ultraviolet B(UVB)-induced cox-2 expression in murine skin: an immunohistochemical study. 2001 , 280, 1042-7		108
1923	Cyclooxygenase-2 stimulates production of amyloid beta-peptide in neuroblastoma x glioma hybrid NG108-15 cells. 2001 , 281, 483-90		24
1922	Constitutive expression and localization of COX-1 and COX-2 in rabbit iris and ciliary body. 2001 , 72, 611-21		35
1921	Cyclooxygenase-2: a major therapeutic advance?. 2001 , 110, 42S-45S		13
1920	Introduction. The role of COX-2-specific inhibitors in clinical practice. 2001 , 110 Suppl 3A, 1S-2S		10
1919	Recommendations for the clinical use of cyclooxygenase-2-specific inhibitors. 2001 , 110 Suppl 3A, 3S-5S		10
1918	Renal aspects of treatment with conventional nonsteroidal anti-inflammatory drugs versus cyclooxygenase-2-specific inhibitors. 2001 , 110 Suppl 3A, 33S-42S		154
1917	Expression of cyclooxygenase-2 in human transitional cell carcinoma of the urinary bladder. 2001 , 158, 849-53		113
1916	Inflammatory responses to amyloidosis in a transgenic mouse model of Alzheimer's disease. 2001 , 158, 1345-54		247
1915	Inhibition of tumor angiogenesis by non-steroidal anti-inflammatory drugs: emerging mechanisms and therapeutic perspectives. 2001 , 4, 314-21		41
1914	Release of markedly increased quantities of prostaglandin D2 from the skin in vivo in humans after the application of cinnamic aldehyde. 2001 , 45, 62-7		25

1913	Downregulation of neuronal cyclooxygenase-2 expression in end stage Alzheimer's disease. 2001 , 22, 823-36	91
1912	Comparison of once-daily and twice-daily administration of celecoxib for the treatment of osteoarthritis of the knee. 2001 , 23, 213-27	58
1911	Osteoarthritis management: the role of cyclooxygenase-2-selective inhibitors. 2001 , 23, 313-326; discussion 311-2	15
1910	A double-blind, randomized comparison of intramuscularly and intravenously administered parecoxib sodium versus ketorolac and placebo in a post-oral surgery pain model. 2001 , 23, 1018-31	80
1909	Rofecoxib: clinical pharmacology and clinical experience. 2001 , 23, 1323-38	57
1908	Upper gastrointestinal safety evaluation of parecoxib sodium, a new parenteral cyclooxygenase-2-specific inhibitor, compared with ketorolac, naproxen, and placebo. 2001 , 23, 1422-8	51
1907	Prostanoid production via COX-2 as a causative mechanism of rodent postoperative ileus. 2001 , 121, 1354-71	211
1906	New physiological and pathophysiological aspects on the thromboxane A(2)-prostacyclin regulatory system. 2001 , 1532, 1-14	22
1905	Inhibitors of cyclooxygenase-2 (COX-2) suppressed the proliferation and differentiation of human leukaemia cell lines. 2001 , 37, 1570-8	58
1904	Non-steroidal anti-inflammatory drugs inhibit matrix metalloproteinase-2 expression via repression of transcription in lung cancer cells. 2001 , 508, 365-8	52
1903	Role of cyclooxygenase inhibitors for the prevention of colorectal cancer. 2001 , 30, 1001-10	26
1902	COX-2 inhibitors. Are they nonsteroidal anti-inflammatory drugs with a better safety profile?. 2001 , 30, 1011-25, viii	15
1901	Cyclooxygenase-2 in Carcinogenesis of the Gastrointestinal Tract. 2001 , 36, 897-903	32
1900	Clinical potential of cyclo-oxygenase-2 inhibitors. 2001 , 15, 563-72	12
1899	Traumatic brain injury induces prolonged accumulation of cyclooxygenase-1 expressing microglia/brain macrophages in rats. 2001 , 18, 881-90	49
1898	Cyclooxygenase-2 is upregulated in inflamed gingival tissues. 2001 , 72, 461-9	83
1897	Cyclooxygenase-independent actions of cyclooxygenase inhibitors. <i>FASEB Journal</i> , 2001 , 15, 2057-72	0.9 642
1896	Cytokines and Bone Remodeling. 2001 , 373-403	4

1895	Retinoic acid and lipopolysaccharide act synergistically to increase prostanoid concentrations in rats in vivo. 2001 , 131, 2628-35	13
1894	Suppression of tumor angiogenesis by nonsteroidal anti-inflammatory drugs: a new function for old drugs. 2001 , 1, 808-11	6
1893	COX-2 inhibition and thrombotic tendency: a need for surveillance. 2001 , 175, 214-7	35
1892	Effects of tobacco smoke and benzo[a]pyrene on human endothelial cell and monocyte stress responses. 2001 , 280, H1293-300	107
1891	. 2001 ,	14
1890	COX-2 expression and cell cycle progression in human fibroblasts. 2001 , 281, C188-94	24
1889	Regulation of PGE(2) and PGI(2) release from human umbilical vein endothelial cells by actin cytoskeleton. 2001 , 281, C1038-45	21
1888	Prostaglandin endoperoxide H synthase expression in human thyroid epithelial cells. 2001 , 280, C701-8	15
1887	Urogenital distribution of a mouse membrane-associated prostaglandin E(2) synthase. 2001 , 281, F1173-7	56
1886	Dynamics of nuclear localization sites for COX-2 in vascular endothelial cells. 2001 , 281, C166-78	63
1885	The influence of the phase of the estrous cycle on sheep endometrial tissue response to lipopolysaccharide. 2001 , 79, 463-9	13
1884	Roles of prostaglandins and leukotrienes in acute inflammation caused by bacterial infection. 2001 , 14, 257-63	45
1883	Spin doctors. 2001 , 7, 139-41	
1882	A pharmacokinetic study of intramuscular (i.m.) parecoxib sodium in normal subjects. 2001 , 41, 1111-9	53
1881	A three-step kinetic mechanism for selective inhibition of cyclo-oxygenase-2 by diarylheterocyclic inhibitors. 2001 , 357, 709-718	77
1880	[Changes in ulcerogenic response to non-steroidal anti-inflammatory drugs (NSAIDs) in adjuvant arthritic rats]. 2001 , 121, 743-51	12
1879	A three-step kinetic mechanism for selective inhibition of cyclo-oxygenase-2 by diarylheterocyclic inhibitors. 2001 , 357, 709-18	39
1878	The expression of cyclooxygenase 2 and inducible nitric oxide synthase indicates no active inflammation in vulvar vestibulitis. 2001 , 80, 638-644	34

1877	Correlation of expression of cyclooxygenase-2, vascular endothelial growth factor, and peroxisome proliferator-activated receptor delta with head and neck squamous cell carcinoma. 2001 , 127, 1253-9	69
1876	Overexpression of cyclooxygenase-2 in rabbit basilar artery endothelial cells after subarachnoid hemorrhage. 2001 , 48, 626-33; discussion 633-5	32
1875	Eicosanoid production by human monocytes: does COX-2 contribute to a self-limiting inflammatory response?. 2001 , 50, 249-53	30
1874	Cyclooxygenase-1 and cyclooxygenase-2 expression in rat kidney and adrenal gland after stimulation with systemic lipopolysaccharide: in situ hybridization and immunocytochemical studies. 2001 , 303, 235-52	42
1873	Effects of prostaglandin E2 and nitric oxide inhibitors on the expression of interleukin-10, interleukin-12 and MHC class-II molecules in Mycobacterium microti-infected and interferon-gamma-treated mouse peritoneal macrophages. 2001 , 46, 259-64	6
1872	Expression and cellular localization of COX-1 and -2 in Helicobacter pylori gastritis. 2001 , 15, 187-93	31
1871	Characterization of platelet-derived growth factor-induced p38 mitogen-activated protein kinase activation in vascular smooth muscle cells. 2001 , 31, 672-80	14
1870	Mycophenolate mofetil combined with a cyclooxygenase-2 inhibitor ameliorates murine lupus nephritis. 2001 , 60, 653-63	45
1869	Direct superoxide scavenging activity of nonsteroidal anti-inflammatory drugs: determination by electron spin resonance using the spin trap method. 2001 , 41, 138-41	25
1868	Cyclo-oxygenase 2 tissue distribution and developmental pattern of expression in the chicken. 2001 , 28, 425-32	13
1867	Biliary cancer growth factor pathways, cyclo-oxygenase-2 and potential therapeutic strategies. 2001 , 16, 363-72	57
1866	The expression of cyclooxygenase 2 and inducible nitric oxide synthase indicates no active inflammation in vulvar vestibulitis. 2001 , 80, 638-644	5
1865	Effect of Helicobacter pylori eradication on cyclooxygenase 2 (COX-2) and inducible nitric oxide synthase (iNOS) expression during gastric adaptation to aspirin (ASA) in humans. 2001 , 53, 336-42	4
1864	Effect of ginger constituents and synthetic analogues on cyclooxygenase-2 enzyme in intact cells. <i>Bioorganic Chemistry</i> , 2001 , 29, 156-63	5.1 151
1863	Is COX-2 inhibition a panacea for cancer prevention?. 2001 , 94, 613-4	37
1862	Cyclic tensile strain suppresses catabolic effects of interleukin-1beta in fibrochondrocytes from the temporomandibular joint. 2001 , 44, 608-17	62
1861	COX-2 inhibition: an advance or only pharmaceutical "hype"?. 2001 , 45, 209-15	5
1860	Dendritic cells issued in vitro from bone marrow produce PGE(2) that contributes to the immunomodulation induced by antigen-presenting cells. 2001 , 209, 19-28	86

1859	Effects of a COX-2 preferential agent nimesulide on TNBS-induced acute inflammation in the gut. 2001 , 25, 301-10	38
1858	Role of peroxisome proliferator-activated receptor β activation in gastric mucosal ulcer healing. 2001 , 9, 347-359	2
1857	Regulation of cyclo-oxygenase-2. 2001 , 15, 787-800	13
1856	Association between cyclo-oxygenase-2 overexpression and missense p53 mutations in gastric cancer. 2001 , 84, 335-9	90
1855	Increased susceptibility to ischemic brain injury in cyclooxygenase-1-deficient mice. 2001 , 21, 1436-41	73
1854	NSAIDs inhibit alpha V beta 3 integrin-mediated and Cdc42/Rac-dependent endothelial-cell spreading, migration and angiogenesis. 2001 , 7, 1041-7	250
1853	Inhibition of human brain tumor cell growth by the anti-inflammatory drug, flurbiprofen. 2001 , 20, 6864-70	40
1852	Colorectal cancer prevention and treatment by inhibition of cyclooxygenase-2. 2001 , 1, 11-21	888
1851	Interrelationship between nitric oxide and prostaglandins in bovine granulosa cells. 2001 , 66, 179-202	12
1850	Ajoene, a natural product with non-steroidal anti-inflammatory drug (NSAID)-like properties?. 2001 , 61, 587-93	49
1849	Stimulation of cyclooxygenase-2-activity by nitric oxide-derived species in rat chondrocyte: lack of contribution to loss of cartilage anabolism. 2001 , 61, 965-78	40
1848	Inhibition of the expression of inducible nitric oxide synthase and cyclooxygenase-2 in macrophages by 7HQ derivatives: involvement of IkappaB-alpha stabilization. 2001 , 418, 133-9	11
1847	Reduction of spontaneous mutagenesis in mismatch repair-deficient and proficient cells by dietary antioxidants. 2001 , 480-481, 85-95	30
1846	Ischemic preconditioning, the most effective gastroprotective intervention: involvement of prostaglandins, nitric oxide, adenosine and sensory nerves. 2001 , 427, 263-76	49
1845	Hyperbaric oxygen treatment reduces carrageenan-induced acute inflammation in rats. 2001 , 431, 265-8	50
1844	The ever-emerging anti-inflammatories. Have there been any real advances?. 2001 , 95, 11-9	33
1843	Clinical implications of drug interactions with coxibs. 2001 , 21, 1223-32	29
1842	Positive and negative regulation of NF-kappaB by COX-2: roles of different prostaglandins. 2001 , 276, 38658-64	181

1841	Il-10 is a central regulator of cyclooxygenase-2 expression and prostaglandin production. 2001 , 166, 2674-80	72
1840	Aberrant cyclooxygenase isozyme expression in human intrahepatic cholangiocarcinoma. 2001 , 48, 80-6	58
1839	Expression of cyclo-oxygenase-2 in naturally occurring squamous cell carcinomas in dogs. 2001 , 49, 867-75	78
1838	Regulation of prostaglandin synthesis in the human uterus. 2001 , 10, 223-235	14
1837	Discovery and design of selective cyclooxygenase-2 inhibitors as non-ulcerogenic, anti-inflammatory drugs with potential utility as anti-cancer agents. 2001 , 2, 79-106	65
1836	Effects of prostaglandin E2 and cAMP elevating drugs on GM-CSF release by cultured human airway smooth muscle cells. Relevance to asthma therapy. 2001 , 24, 44-48	68
1835	Indomethacin and telomerase activity in tumor growth retardation. 2001 , 18, 929	2
1834	Characterization of the cyclooxygenase-2 promoter in an adenoviral vector and its application for the mitigation of toxicity in suicide gene therapy of gastrointestinal cancers. 2001 , 3, 385-94	100
1833	Chronic immune activation and inflammation as the cause of malignancy. 2001 , 85, 473-83	394
1832	Activation of the PPAR pathway induces apoptosis and COX-2 inhibition in HT-29 human colon cancer cells. 2001 , 22, 1379-83	160
1831	Cytotoxic necrotizing factor from Escherichia coli induces RhoA-dependent expression of the cyclooxygenase-2 Gene. 2001 , 69, 6839-45	30
1830	Butylated hydroxytoluene (BHT) induction of pulmonary inflammation: a role in tumor promotion. 2001 , 27, 197-216	68
1829	Lipopolysaccharide-induced increase of prostaglandin E(2) is mediated by inducible nitric oxide synthase activation of the constitutive cyclooxygenase and induction of membrane-associated prostaglandin E synthase. 2001 , 167, 3962-71	51
1828	Overexpression of 15-lipoxygenase-1 in PC-3 human prostate cancer cells increases tumorigenesis. 2001 , 22, 1765-73	111
1827	Cyclooxygenase-2 inducing Mcl-1-dependent survival mechanism in human lung adenocarcinoma CL1.0 cells. Involvement of phosphatidylinositol 3-kinase/Akt pathway. 2001 , 276, 48997-9002	145
1826	Prostaglandin E2 increases growth and motility of colorectal carcinoma cells. 2001 , 276, 18075-81	486
1825	Comparative efficacy and safety of celecoxib and naproxen in the treatment of osteoarthritis of the hip. 2001 , 29, 467-79	78
1824	Prostaglandin E(2) regulates the level and stability of cyclooxygenase-2 mRNA through activation of p38 mitogen-activated protein kinase in interleukin-1 beta-treated human synovial fibroblasts. 2001 , 276, 31720-31	160

1823	Metabolism of prostaglandin glycerol esters and prostaglandin ethanolamides in vitro and in vivo. 2001 , 276, 36993-8	107
1822	Activator protein-1 transcription factor mediates bombesin-stimulated cyclooxygenase-2 expression in intestinal epithelial cells. 2001 , 276, 22941-7	98
1821	Comparative analysis of pharmacologic and/or genetic disruption of cyclooxygenase-1 and cyclooxygenase-2 function in female reproduction in mice. 2001 , 142, 3198-206	84
1820	Increased expression of cyclooxygenase-2 in malignant pheochromocytomas. 2001 , 86, 5615-9	65
1819	Neue Aspekte der postoperativen Darmatonie*. 2001 , 36, 402-408	1
1818	Dissection of metabolic, vascular, and nerve conduction interrelationships in experimental diabetic neuropathy by cyclooxygenase inhibition and acetyl-L-carnitine administration. 2002 , 51, 2619-28	83
1817	Regulation of MDR-1 (P-glycoprotein) by cyclooxygenase-2. 2002 , 277, 38915-20	131
1816	The analgesic efficacy of valdecoxib vs. oxycodone/acetaminophen after oral surgery. 2002 , 133, 611-21; quiz 625	77
1815	NSAID inhibition of GI cancer growth: clinical implications and molecular mechanisms of action. 2002 , 97, 542-53	98
1814	Prostaglandin E2 promotes integrin alpha Vbeta 3-dependent endothelial cell adhesion, rac-activation, and spreading through cAMP/PKA-dependent signaling. 2002 , 277, 45838-46	112
1813	Prostaglandin E2 induces hypoxia-inducible factor-1alpha stabilization and nuclear localization in a human prostate cancer cell line. 2002 , 277, 50081-6	167
1812	Proliferative action of mast-cell tryptase is mediated by PAR2, COX2, prostaglandins, and PPARgamma : Possible relevance to human fibrotic disorders. 2002 , 99, 15072-7	205
1811	Persistent accumulation of cyclooxygenase-1-expressing microglial cells and macrophages and transient upregulation by endothelium in human brain injury. 2002 , 96, 892-9	64
1810	Cyclooxygenase 2 selective inhibitors in cancer treatment and prevention. 2002 , 11, 1749-64	8
1809	Expression of cyclooxygenases 1 and 2 and prostaglandin E synthase in bovine endometrial tissue during the estrous cycle. 2002 , 67, 161-9	156
1808	Lipid mediator-induced expression of bactericidal/ permeability-increasing protein (BPI) in human mucosal epithelia. 2002 , 99, 3902-7	246
1807	Heterotrimeric G-proteins activate Cl- channels through stimulation of a cyclooxygenase-dependent pathway in a model liver cell line. 2002 , 277, 11721-7	11
1806	Celecoxib induces apoptosis by inhibiting 3-phosphoinositide-dependent protein kinase-1 activity in the human colon cancer HT-29 cell line. 2002 , 277, 27613-21	235

1805	Cyclin D1 and cyclin E are co-localized with cyclo-oxygenase 2 (COX-2) in pyramidal neurons in Alzheimer disease temporal cortex. 2002 , 61, 678-88	86
1804	Protein regulators of eicosanoid synthesis: role in inflammation. 2002 , 3, 467-84	30
1803	Chronic immune activation and inflammation in the pathogenesis of AIDS and cancer. 2002 , 84, 231-76	119
1802	Prostaglandin E2 synthesis and suppression of fibroblast proliferation by alveolar epithelial cells is cyclooxygenase-2-dependent. 2002 , 27, 752-8	127
1801	Common promoter variant in cyclooxygenase-2 represses gene expression: evidence of role in acute-phase inflammatory response. 2002 , 22, 1631-6	291
1800	Transcriptional and posttranscriptional regulation of cyclooxygenase-2 expression by fluid shear stress in vascular endothelial cells. 2002 , 22, 1415-20	113
1799	Cyclooxygenase-2 inhibitors: promise or peril?. 2002 , 11, 275-86	23
1798	Cyclooxygenase-2-dependent prostacyclin formation is regulated by low density lipoprotein cholesterol in vitro. 2002 , 22, 983-8	28
1797	Differential effects of foods traditionally regarded as 'heating' and 'cooling' on prostaglandin E(2) production by a macrophage cell line. 2002 , 9, 596-606	16
1796	Induction of cyclo-oxygenase-2 expression in naturally occurring gastric ulcers. 2002 , 50, 923-34	6
1795	Aspirin-Induced Inhibition of Ovarian Tumor Cell Growth. 2002 , 100, 677-682	2
1794	Role of EP(1) and EP(4) PGE(2) subtype receptors in serum-induced 3T6 fibroblast cycle progression and proliferation. 2002 , 282, C280-8	33
1793	Cerebrovascular inflammation following subarachnoid hemorrhage. 2002 , 88, 227-49	160
1792	Areas of emerging interest in analgesia: cardiovascular complications. 2002 , 9, 259-69	18
1791	Acute pain management: unmet needs and new advances in pain management. 2002 , 25, 3-10	6
1790	Cyclooxygenase-2 and atherosclerosis. 2002 , 13, 497-504	35
1789	Crystallization and preliminary X-ray crystallographic studies of Trypanosoma brucei prostaglandin F(2 alpha) synthase. 2002 , 132, 859-61	7
1788	The cyclo-oxygenase-2 inhibitor celecoxib perturbs intracellular calcium by inhibiting endoplasmic reticulum Ca ²⁺ -ATPases: a plausible link with its anti-tumour effect and cardiovascular risks. 2002 , 366, 831-7	130

1787	Prostaglandin Synthases. 2002 , 189-229	6
1786	The role of eicosanoids, cyclooxygenases, and nonsteroidal anti-inflammatory drugs in colorectal tumorigenesis and chemoprevention. 2002 , 34, 117-25	11
1785	Cyclooxygenase-2, player or spectator in cyclooxygenase-2 inhibitor-induced apoptosis in prostate cancer cells. 2002 , 94, 585-91	190
1784	Frequent co-localization of Cox-2 and laminin-5 gamma2 chain at the invasive front of early-stage lung adenocarcinomas. 2002 , 160, 1129-41	85
1783	The oxygen radical scavenger pyrrolidine dithiocarbamate enhances interleukin-1beta-induced cyclooxygenase-2 expression in cerebral microvascular smooth muscle cells. 2002 , 64, 405-13	8
1782	Prostaglandin E(2) stimulates prostatic intraepithelial neoplasia cell growth through activation of the interleukin-6/GP130/STAT-3 signaling pathway. 2002 , 290, 249-55	91
1781	Recombinant glucocorticoid induced tumour necrosis factor receptor (rGITR) induced COX-2 activity in murine macrophage Raw 264.7 cells. 2002 , 19, 187-92	27
1780	Atorvastatin reduces the expression of cyclooxygenase-2 in a rabbit model of atherosclerosis and in cultured vascular smooth muscle cells. 2002 , 160, 49-58	104
1779	Rapid development of colitis in NSAID-treated IL-10-deficient mice. 2002 , 123, 1527-42	233
1778	Rofecoxib inhibits cyclooxygenase 2 expression and activity and reduces cell proliferation in Barrett's esophagus. 2002 , 123, 60-7	131
1777	The role of rofecoxib, a cyclooxygenase-2-specific inhibitor, for the treatment of non-cancer pain: a review. 2002 , 3, 272-83	12
1776	Efficacy and Tolerability of Meloxicam, a COX-2 Preferential Nonsteroidal Anti-Inflammatory Drug. 2002 , 22, 799-818	47
1775	Rasayanas: evidence for the concept of prevention of diseases. 2002 , 30, 155-71	72
1774	Cyclooxygenase-2 overexpression inhibits platelet-derived growth factor-induced mesangial cell proliferation through induction of the tumor suppressor gene p53 and the cyclin-dependent kinase inhibitors p21waf-1/cip-1 and p27kip-1. 2002 , 277, 9763-71	41
1773	The biochemistry of n-3 polyunsaturated fatty acids. 2002 , 277, 8755-8	443
1772	The role of COX-2 inhibitors in lung cancer. 2002 , 74, 1648-52	28
1771	Beta-catenin regulates expression of cyclooxygenase-2 in articular chondrocytes. 2002 , 296, 221-6	60
1770	Pyrrolidine dithiocarbamate induces cyclooxygenase-2 expression in NIH 3T3 fibroblast cells. 2002 , 298, 230-4	7

1769	The endocrine disruptor nonylphenol preferentially blocks cyclooxygenase-1. 2002 , 70, 2209-14	42
1768	NSAID inhibition of RGM1 gastric monolayer wound re-epithelialization: comparison of selective Cox-2 versus non-selective Cox inhibitors. 2002 , 70, 3029-37	12
1767	Aspirin-induced inhibition of ovarian tumor cell growth. 2002 , 100, 677-82	13
1766	Overexpression of cyclo-oxygenase 2 in squamous cell carcinoma of the hypopharynx. 2002 , 33, 100-4	49
1765	Cyclooxygenase-2 expression in endometrial cancer: correlation with microvessel count and expression of vascular endothelial growth factor and thymidine phosphorylase. 2002 , 33, 213-9	99
1764	Antineoplastic properties of arachidonic acid and its metabolites. 2002 , 66, 5-12	14
1763	Oxidative metabolism of endocannabinoids. 2002 , 66, 211-20	124
1762	Downregulation of COX-2 and iNOS by amentoflavone and quercetin in A549 human lung adenocarcinoma cell line. 2002 , 66, 485-92	78
1761	Inhibition of NAD ⁺ -dependent 15-hydroxyprostaglandin dehydrogenase (15-PGDH) by cyclooxygenase inhibitors and chemopreventive agents. 2002 , 67, 461-5	31
1760	The stimulatory effects of nasal discharge from patients with perennial allergic rhinitis on normal human neutrophils are normalized after treatment with a new mixed formula of Chinese herbs. 2002 , 2, 1627-39	14
1759	Differential expression of cyclooxygenase-2 around the time of elongation in the pig conceptus. 2002 , 71, 229-37	42
1758	Enzymatic formation of prostaglandin D ₂ , E ₂ , and F ₂ β in the parasitic protozoan <i>Trypanosoma brucei</i> . 2002 , 1233, 461-466	3
1757	Overexpression of cyclooxygenase-2 stimulates amyloid β peptide production in neuronal cells. 2002 , 1233, 349-353	1
1756	Cyclooxygenase-1 gene knockout does not alter middle cerebral artery occlusion in a mouse stroke model. 2002 , 330, 57-60	19
1755	Management of gastrointestinal pain. 2002 , 18, 133-58	12
1754	Role of acid and bile in the genesis of Barrett's esophagus. 2002 , 12, 39-45	19
1753	Managing chronic arthritis. 2002 , 18, 411-37	15
1752	Proapoptotic and antiproliferative potential of selective cyclooxygenase-2 inhibitors in human liver tumor cells. 2002 , 36, 885-894	1

1751	Prostaglandin E2 Production and Cyclooxygenase-2 Induction in Human Urinary Tract Infections and Bladder Cancer. 2002 , 168, 1568-1573	40
1750	Anticoagulant from Taraxacum platycarpum. 2002 , 66, 1859-64	12
1749	Cyclooxygenase-2 regulates prostaglandin E2 signaling in hippocampal long-term synaptic plasticity. 2002 , 87, 2851-7	247
1748	Ethanol and LPS modulate NF-kappaB activation, inducible NO synthase and COX-2 gene expression in rat liver cells in vivo. 2002 , 7, a99-108	17
1747	Antiinflamatórios não esteróides inibidores da ciclooxigenase-2 (COX-2): aspectos atuais. 2002 , 52, 498	11
1746	Clinical experience with cyclooxygenase-2 inhibitors. 2002 , 41, 16-22	11
1745	Ethanol and LPS modulate NF-KappaB activation, inducible no synthase and Cox-2 gene expression in rat liver cells in vivo. 2002 , 7, a99	25
1744	Efficacy and safety of the COX-2 specific inhibitor valdecoxib in the management of osteoarthritis of the hip: a randomized, double-blind, placebo-controlled comparison with naproxen. 2002 , 10, 290-6	87
1743	Prostaglandin production from arachidonic acid and evidence for a 9,11-endoperoxide prostaglandin H2 reductase in Leishmania. 2002 , 32, 1693-700	6
1742	Selective inhibition of COX-2 is beneficial to mice infected intranasally with VSV. 2002 , 67, 143-55	18
1741	Effect of misoprostol and indomethacin on cyclooxygenase induction and eicosanoid production in carrageenan-induced air pouch inflammation in rats. 2002 , 70, 227-39	6
1740	Synthesis of 4-alkyl-1,2-diphenyl-3,5-dioxopyrazolidines possessing aryl methylsulfonyl and sulfonamide pharmacophores for evaluation as selective cyclooxygenase-2 (COX-2) inhibitors. 2002 , 39, 1309-1314	5
1739	Nimesulide, a preferential cyclooxygenase 2 inhibitor, suppresses peroxisome proliferator-activated receptor induction of cyclooxygenase 2 gene expression in human synovial fibroblasts: evidence for receptor antagonism. 2002 , 46, 494-506	27
1738	The risk of cardiovascular thrombotic events with selective cyclooxygenase-2 inhibitors. 2002 , 47, 349-55	54
1737	Expression of cyclooxygenase-1 and cyclooxygenase-2 in bronchial epithelium and nonsmall cell lung carcinoma. 2002 , 94, 1023-1031	74
1736	Immunohistochemical analysis and in situ hybridization of cyclooxygenase-2 expression in intraductal papillary-mucinous tumors of the pancreas. 2002 , 94, 1565-73	52
1735	Cellular localization of cyclooxygenase-1 and cyclooxygenase-2 in the normal mouse, rat, and human retina. 2002 , 452, 392-9	46
1734	Many actions of cyclooxygenase-2 in cellular dynamics and in cancer. 2002 , 190, 279-86	379

1733	Differential effects of foods traditionally regarded as heating and cooling on prostaglandin E2 production by a macrophage cell line. 2002 , 9, 596-606	43
1732	Inhibition of cyclooxygenase 2 by nimesulide improves cognitive outcome more than motor outcome following diffuse traumatic brain injury in rats. 2002 , 147, 193-9	75
1731	Lipid mediators in epithelial cell-cell interactions. 2002 , 59, 754-60	10
1730	Cyclooxygenase-2 expression in pediatric sarcomas. 2002 , 5, 356-64	39
1729	Cyclooxygenase-2 inhibition augments the hepatic antitumor effect of oral Salmonella typhimurium in a model of mouse metastatic colon cancer. 2002 , 45, 1023-8	9
1728	Limitation of the in vitro whole blood assay for predicting the COX selectivity of NSAIDs in clinical use. 2002 , 53, 255-65	62
1727	Synthesis and activity of a new methoxytetrahydropyran derivative as dual cyclooxygenase-2/5-lipoxygenase inhibitor. 2002 , 12, 779-82	62
1726	N-3 and n-6 fatty acids stimulate restitution by independent mechanisms in the IEC-6 model of intestinal wound healing. 2002 , 13, 27-35	11
1725	Chemoprevention of superficial bladder cancer. 2002 , 43, 277-86	30
1724	Immunohistochemical localization of cyclooxygenase-2 in radicular cysts. 2002 , 35, 854-8	19
1723	Induction of cyclooxygenase-2 by overexpression of the human catalase gene in cerebral microvascular endothelial cells. 2000 , 75, 614-23	23
1722	Cyclooxygenase-2 is a neuronal target gene of NF-kappaB. 2002 , 3, 16	73
1721	Non-steroidal anti-inflammatory analgesics: a review of current practice. 2002 , 12, 89-97	36
1720	Inhibitor of cyclooxygenase-2 induces cell-cycle arrest in the epithelial cancer cell line via up-regulation of cyclin dependent kinase inhibitor p21. 2002 , 86, 1150-6	31
1719	Fructose-1,6-diphosphate attenuates prostaglandin E2 production and cyclo-oxygenase-2 expression in UVB-irradiated HaCaT keratinocytes. 2002 , 137, 497-503	28
1718	Isomeric acetoxy analogues of rofecoxib: a novel class of highly potent and selective cyclooxygenase-2 inhibitors. 2002 , 12, 2753-6	27
1717	Quantitative high-performance liquid chromatography/electrospray ionization tandem mass spectrometric analysis of 2- and 3-series prostaglandins in cultured tumor cells. 2002 , 308, 168-77	66
1716	Synthesis of isotopically labeled arachidonic acids to probe the reaction mechanism of prostaglandin H synthase. 2002 , 124, 10785-96	43

1715	Oxidation of biological systems: oxidative stress phenomena, antioxidants, redox reactions, and methods for their quantification. 2002 , 30, 620-50	1498
1714	New avenues for the prevention of colorectal cancer: targeting cyclo-oxygenase-2 activity. 2002 , 16, 945-56	10
1713	COX-2 inhibits Fas-mediated apoptosis in cholangiocarcinoma cells. 2002 , 35, 552-9	111
1712	Proapoptotic and antiproliferative potential of selective cyclooxygenase-2 inhibitors in human liver tumor cells. 2002 , 36, 885-94	120
1711	Expression of cyclooxygenase-2 protein in colorectal carcinomas. 2002 , 31, 147-54	33
1710	Regulation of cytosolic phospholipase A2, cyclooxygenase-1 and -2 expression by PMA, TNF α LPS and M-CSF in human monocytes and macrophages. 2003 , 246, 31-38	43
1709	Anti-inflammatory vs. inflammatory treatments for actinic keratoses. 2003 , 2, 135-40	1
1708	Peroxisome proliferator-activated receptor gamma activation counters the detrimental effect of Helicobacter pylori lipopolysaccharide on gastric mucin synthesis. 2003 , 11, 223-36	4
1707	Mucinous colon carcinomas with microsatellite instability have a lower microvessel density and lower vascular endothelial growth factor expression. 2003 , 442, 111-7	16
1706	Potential of diclofenac-induced anti-inflammatory response by aminoguanidine in carrageenan-induced acute inflammation in rats: the role of nitric oxide. 2003 , 52, 378-82	21
1705	Inhibition of angiogenesis by NSAIDs: molecular mechanisms and clinical implications. 2003 , 81, 627-36	81
1704	NSAIDs and aspirin: friends or foes?. 2003 , 70, 89-90	3
1703	Cyclooxygenase-2 (COX-2) expression in high-risk premalignant oral lesions. 2003 , 39, 497-505	49
1702	Molecular based treatment of oral cancer. 2003 , 39, 749-58	18
1701	Single doses of parecoxib sodium intravenously are as effective as ketorolac in reducing pain after oral surgery. 2003 , 61, 1030-7	36
1700	Positive and negative regulation of prostaglandin E2 biosynthesis in human colorectal carcinoma cells by cancer chemopreventive agents. 2003 , 66, 51-61	23
1699	Prostaglandin production from arachidonic acid and evidence for a 9,11-endoperoxide prostaglandin H2 reductase in Leishmania. 2003 , 33, 221-8	27
1698	Enhanced expression of cyclooxygenase-2 by UV in aged human skin in vivo. 2003 , 124, 903-10	48

1697	Cyclooxygenase-2 and prostaglandins in articular tissues. 2003 , 33, 155-67	251
1696	Chemoprevention of colon cancer by Korean food plant components. 2003 , 523-524, 99-107	39
1695	Prevention of short-term ultraviolet B radiation-mediated damages by resveratrol in SKH-1 hairless mice. 2003 , 186, 28-37	219
1694	Cyclooxygenase-2 modulates cellular growth and promotes tumorigenesis. 2003 , 7, 207-22	149
1693	Galphaq signaling is required for Rho-dependent transcriptional activation of the cyclooxygenase-2 promoter in fibroblasts. 2003 , 194, 127-38	13
1692	Gastrin and EGF synergistically induce cyclooxygenase-2 expression in Swiss 3T3 fibroblasts that express the CCK2 receptor. 2003 , 196, 454-63	18
1691	Chemotherapeutic efficacy of topical celecoxib in a murine model of ultraviolet light B-induced skin cancer. 2003 , 38, 33-9	41
1690	Tumor progression: Small GTPases and loss of cell-cell adhesion. 2003 , 25, 452-63	143
1689	Differential inhibition of fracture healing by non-selective and cyclooxygenase-2 selective non-steroidal anti-inflammatory drugs. 2003 , 21, 670-5	267
1688	AINS et aspirine : Amis ou ennemis ?. 2003 , 70, 7-8	1
1687	Cyclooxygenase-2 and gastric carcinogenesis. 2003 , 111, 915-25	97
1686	COX-2 expression in striated muscle under physiological conditions. 2003 , 9, 313-6	6
1685	Effects of aspirin and indomethacin on endothelial cell proliferation in vitro. 2003 , 18, 1180-7	18
1684	Activation of brain prostanoid EP3 receptors via arachidonic acid cascade during behavioral suppression induced by Delta8-tetrahydrocannabinol. 2004 , 88, 148-54	12
1683	Cyclooxygenase-1-coupled prostaglandin biosynthesis constitutes an essential prerequisite for skin repair. 2003 , 120, 880-90	64
1682	Relationship between cyclooxygenase-2 and nitric oxide synthase-2 in rat cortex after stress. 2003 , 18, 1701-5	58
1681	Helicobacter pylori stimulates host cyclooxygenase-2 gene transcription: critical importance of MEK/ERK-dependent activation of USF1/2 and CREB transcription factors. 2003 , 5, 821-34	84
1680	Cyclooxygenase-2 promotes angiogenesis in pTa/T1 urothelial bladder carcinoma but does not predict recurrence. 2003 , 92, 389-92	15

1679	COX-2, inflammatory secreted PLA2, and cytoplasmic PLA2 protein expression in small bowel adenocarcinomas compared with colorectal adenocarcinomas. 2003 , 16, 130-6	44
1678	Dual inhibition of cyclooxygenase-2 (COX-2) and 5-lipoxygenase (5-LOX) as a new strategy to provide safer non-steroidal anti-inflammatory drugs. 2003 , 38, 645-59	314
1677	Cyclooxygenase-2 up-regulation in reflux nephropathy. 2003 , 170, 1624-7	11
1676	[Helicobacter pylori, cyclooxygenase-2 and gastric cancer]. 2003 , 120, 189-93	
1675	[Role of cyclooxygenase-2 in the pathogenesis of chronic liver diseases]. 2003 , 121, 743-8	5
1674	Theoretical studies on the inhibition mechanism of cyclooxygenase-2. Is there a unique recognition site?. 2003 , 46, 1372-82	45
1673	Intestinal myofibroblasts in innate immune responses of the intestine. 2003 , 124, 1866-78	199
1672	Molecular mechanisms involved in the antiproliferative effect of two COX-2 inhibitors, nimesulide and NS-398, on colorectal cancer cell lines. 2003 , 35, 557-65	15
1671	Expression of cyclooxygenase-2 in rat testis. 2003 , 6, 302-9	24
1670	Effects of cyclooxygenase inhibitors on nitric oxide production and survival in a mice model of sepsis. 2003 , 48, 37-37	4
1669	Methanolic extract of adlay seed suppresses COX-2 expression of human lung cancer cells via inhibition of gene transcription. 2003 , 51, 7333-7	37
1668	Synaptic plasticity and cell cycle activation in neurons are alternative effector pathways: the 'Dr. Jekyll and Mr. Hyde concept' of Alzheimer's disease or the yin and yang of neuroplasticity. 2003 , 71, 83-248	158
1667	Non steroidal anti-inflammatory drugs and COX-2 inhibitors as anti-cancer therapeutics: hopes, hopes and reality. 2003 , 35, 476-87	56
1666	Correlation between cyclooxygenase-2 and tumor angiogenesis in non-small cell lung cancer. 2003 , 42, 163-70	70
1665	Role of cyclooxygenase 2, p38 and p42/44 MAPK in the secretion of prostacyclin induced by epidermal growth factor, endothelin-1 and angiotensin II in rat ventricular cardiomyocytes. 2003 , 35, 81-9	22
1664	Increased activity of cyclooxygenase-2 signals early neurodegenerative events in the rat retina following transient ischemia. 2003 , 77, 137-45	46
1663	Lung cancer and cyclooxygenase-2. 2003 , 76, 1327-35	69
1662	Functional analysis of the molecular determinants of cyclooxygenase-2 acetylation by 2-acetoxyphenylhept-2-ynyl sulfide. 2003 , 409, 127-33	7

1661	Protein kinase C alpha and zeta regulate nitric oxide-induced NF-kappa B activation that mediates cyclooxygenase-2 expression and apoptosis but not dedifferentiation in articular chondrocytes. 2003 , 303, 206-11	42
1660	Cyclooxygenase-2 and prostate carcinogenesis. 2003 , 191, 125-35	195
1659	Enhancement of chemotherapeutic drug-induced apoptosis by a cyclooxygenase-2 inhibitor in hypopharyngeal carcinoma cells. 2003 , 201, 157-63	14
1658	Valdecoxib: a review. 2003 , 25, 817-51	59
1657	Phospholipase A(2). 2003 , 69, 87-97	92
1656	Effects of topical nonsteroidal antiinflammatory drugs on the expression of matrix metalloproteinases in the cornea. 2003 , 29, 989-97	43
1655	Cyclooxygenase expression is elevated in retinoic acid-differentiated U937 cells. 2003 , 1633, 51-60	17
1654	Suppressive effect of selective cyclooxygenase-2 inhibitor on cytokine release in human neutrophils. 2003 , 3, 1519-28	47
1653	Human microsomal prostaglandin E synthase-1: purification, functional characterization, and projection structure determination. 2003 , 278, 22199-209	141
1652	Cyclooxygenase-2 in lung cancer. 2003 , 37, 138-62	37
1651	Inhibition of PGE2 production by nimesulide compared with diclofenac in the acutely inflamed joint of patients with arthritis. 2003 , 63 Suppl 1, 31-6	16
1650	Clinical pharmacology of etoricoxib: a novel selective COX2 inhibitor. 2003 , 4, 265-84	29
1649	Cyclooxygenase-2 in human and experimental ischemic proliferative retinopathy. 2003 , 108, 198-204	138
1648	Nonsteroidal anti-inflammatory agents in neonates. 2003 , 5, 385-405	38
1647	Ceramide-induced and age-associated increase in macrophage COX-2 expression is mediated through up-regulation of NF-kappa B activity. 2003 , 278, 10983-92	88
1646	T-cell-derived interleukin-17 regulates the level and stability of cyclooxygenase-2 (COX-2) mRNA through restricted activation of the p38 mitogen-activated protein kinase cascade: role of distal sequences in the 3'-untranslated region of COX-2 mRNA. 2003 , 278, 26897-907	64
1645	beta-Catenin mutation is selected during malignant transformation in colon carcinogenesis. 2003 , 24, 91-7	31
1644	Monocyte chemoattractant protein 1 (MCP-1) released from Helicobacter pylori stimulated gastric epithelial cells induces cyclooxygenase 2 expression and activation in T cells. 2003 , 52, 1257-64	32

1643	Metformin lactic acidosis, acute renal failure and rofecoxib. 2003 , 91, 909-10		17
1642	Meloxicam and selective COX-2 inhibitors in the management of pain in the palliative care population. 2003 , 20, 297-306		13
1641	Dyslipidemia, but not hyperglycemia, induces inflammatory adhesion molecules in human retinal vascular endothelial cells. 2003 , 44, 5016-22		60
1640	Effects of hypoxia on monocyte inflammatory mediator production: Dissociation between changes in cyclooxygenase-2 expression and eicosanoid synthesis. 2003 , 278, 38607-16		33
1639	Interaction of hepatocyte growth factor and non-steroidal anti-inflammatory drugs during gastric epithelial wound healing. 2003 , 67, 118-28		6
1638	Prostaglandin E2 regulates cell migration via the intracellular activation of the epidermal growth factor receptor. 2003 , 278, 35451-7		368
1637	IL-1beta-mediated up-regulation of HIF-1alpha via an NFkappaB/COX-2 pathway identifies HIF-1 as a critical link between inflammation and oncogenesis. <i>FASEB Journal</i> , 2003 , 17, 2115-7	0.9	528
1636	Differentiation status-dependent regulation of cyclooxygenase-2 expression and prostaglandin E2 production by epidermal growth factor via mitogen-activated protein kinase in articular chondrocytes. 2003 , 278, 9691-7		49
1635	Cyclooxygenase-2 inhibits tumor necrosis factor alpha-mediated apoptosis in renal glomerular mesangial cells. 2003 , 278, 10629-40		28
1634	Selective cyclo-oxygenase-2 inhibitors impair adipocyte differentiation through inhibition of the clonal expansion phase. 2003 , 44, 1652-9		32
1633	Non-steroidal anti-inflammatory drugs inhibit nitric oxide-induced apoptosis and dedifferentiation of articular chondrocytes independent of cyclooxygenase activity. 2003 , 278, 15319-25		55
1632	Use of NSAIDs for the chemoprevention of colorectal cancer. 2003 , 37, 1664-74		58
1631	Cyclooxygenase-2-deficient mice are resistant to endotoxin-induced inflammation and death. <i>FASEB Journal</i> , 2003 , 17, 1325-7	0.9	105
1630	Cyclooxygenase-2 expression by nonsteroidal anti-inflammatory drugs in human airway smooth muscle cells: role of peroxisome proliferator-activated receptors. 2003 , 170, 1043-51		80
1629	Methanandamide increases COX-2 expression and tumor growth in murine lung cancer. <i>FASEB Journal</i> , 2003 , 17, 2157-9	0.9	29
1628	Induction of cyclooxygenase-2 accounts for restraint stress-induced oxidative status in rat brain. 2003 , 28, 1579-88		117
1627	Role of prostaglandin H2 synthase 2 in murine parturition: study on ovariectomy-induced parturition in prostaglandin F receptor-deficient mice. 2003 , 69, 195-201		27
1626	COX-2 dependent inflammation increases spinal Fos expression during rodent postoperative ileus. 2003 , 52, 527-34		69

1625	Specific COX-2 inhibitor, NS-398, suppresses cellular proliferation and induces apoptosis in human hepatocellular carcinoma cells. 2003 , 23, 113	3
1624	Cyclooxygenase-2 and colorectal cancer. 2003 , 37, 124-37	23
1623	Anti-angiogenic and anti-tumor activities of isoflavonoids from the rhizomes of <i>Belamcanda chinensis</i> . 2003 , 69, 617-22	42
1622	Analysis of Cyclooxygenase 2 (COX-2) Expression During Malignant Melanoma Progression. 2003 , 2, 711-716	103
1621	Cyclooxygenase-2 biology. 2003 , 9, 2177-90	176
1620	Rofecoxib (Vioxx), a specific cyclooxygenase-2 inhibitor, is chemopreventive in a mouse model of colon cancer. 2003 , 26, S62-5	12
1619	Combination of a COX-2 inhibitor with radiotherapy or radiochemotherapy in the treatment of thoracic cancer. 2003 , 26, S85-91	13
1618	Cyclooxygenase-2 promoter for tumour-specific targeting of adenoviral vectors to melanoma. 2003 , 13, 287-92	21
1617	. 2003 , 26, S85-S91	7
1616	Celecoxib Reduces Skin Damage After Radiation: Selective Reduction of Chemokine and Receptor mRNA Expression in Irradiated Skin but Not in Irradiated Mammary Tumor. 2003 , 26, S114-S121	13
1615	Effect of combined cyclooxygenase-2 and matrix metalloproteinase inhibition on human sarcoma xenografts. 2003 , 25, 709-14	14
1614	Cyclooxygenase-2 expression does not correlate with outcome in osteosarcoma or rhabdomyosarcoma. 2003 , 25, 282-5	34
1613	. 2003 , 26, S62-S65	7
1612	Celecoxib reduces skin damage after radiation: selective reduction of chemokine and receptor mRNA expression in irradiated skin but not in irradiated mammary tumor. 2003 , 26, S114-21	43
1611	Combination of radiation and celebrex (celecoxib) reduce mammary and lung tumor growth. 2003 , 26, S103-9	24
1610	. 2003 , 26, S103-S109	19
1609	COXIBs: interpreting the swell of phase IV data. 2003 , 9, 337-9	2
1608	Aspirin and microvascular surgery: an update. 2003 , 112, 1368-70	5

1607	Transcriptional regulation of cyclooxygenase 2 by bradykinin and interleukin-1beta in human airway smooth muscle cells: involvement of different promoter elements, transcription factors, and histone h4 acetylation. 2003 , 23, 9233-44	106
1606	Therapeutic potential of selective cyclooxygenase-2 inhibitors in the management of tumor angiogenesis. 2003 , 37, 179-92	94
1605	Angiogenic effects of prostaglandin E2 are mediated by up-regulation of CXCR4 on human microvascular endothelial cells. 2003 , 102, 1966-77	153
1604	Pharmacology of COX-2 inhibitors. 2003 , 37, 25-51	3
1603	Fructooligosaccharide associated with celecoxib reduces the number of aberrant crypt foci in the colon of rats. 2003 , 43, 347-56	8
1602	Vitreous induces components of the prostaglandin E2 pathway in human retinal pigment epithelial cells. 2003 , 44, 1767-74	13
1601	Regulation of endothelial cell integrin function and angiogenesis by COX-2, cAMP and Protein Kinase A. 2003 , 90, 577-85	39
1600	[Specific cyclooxygenase-2 inhibitor analgesics: therapeutic advances.]. 2004 , 54, 448-64	17
1599	Endotoxin-induced uveitis in cyclooxygenase-2-deficient mice. 2004 , 45, 2306-13	18
1598	Effect of cyclooxygenase inhibitors on gentamicin-induced nephrotoxicity in rats. 2004 , 37, 979-85	23
1597	Novel targeted agents in the treatment of lung cancer. 2004 , 13, 609-29	2
1596	Parecoxib: a shift in pain management?. 2004 , 4, 165-77	11
1595	Direct and indirect effects of aldosterone on cyclooxygenase-2 and interleukin-6 expression in rat cardiac cells in culture and after myocardial infarction. 2004 , 145, 3135-42	24
1594	Cancer and Inflammation. 2004 ,	2
1593	Cyclooxygenase-2 (Cox-2) expression in lymphomas. 2004 , 45, 1395-9	38
1592	Clinical pharmacology of novel selective COX-2 inhibitors. 2004 , 10, 589-601	51
1591	Cyclooxygenase-2: potential role in regulation of drug efflux and multidrug resistance phenotype. 2004 , 10, 647-57	71
1590	Alteration in heme oxygenase-1 and nitric oxide synthase-2 gene expression during endotoxemia in cyclooxygenase-2-deficient mice. 2004 , 6, 850-7	18

1589	Gastrin-induced cyclooxygenase-2 expression in Barrett's carcinogenesis. 2004 , 10, 4784-92	78
1588	Deguelin-induced inhibition of cyclooxygenase-2 expression in human bronchial epithelial cells. 2004 , 10, 1074-9	55
1587	COX-2-dependent stabilization of survivin in non-small cell lung cancer. <i>FASEB Journal</i> , 2004 , 18, 206-8	116
1586	Formation and antiproliferative effect of prostaglandin E(3) from eicosapentaenoic acid in human lung cancer cells. 2004 , 45, 1030-9	90
1585	Cyclooxygenase 2-dependent expression of survivin is critical for apoptosis resistance in non-small cell lung cancer. 2004 , 64, 6359-62	102
1584	Phospholipase D isozymes mediate epigallocatechin gallate-induced cyclooxygenase-2 expression in astrocyte cells. 2004 , 279, 38125-33	33
1583	Pharmacology and toxicology of COX-2 inhibitors. 2004 , 67-131	1
1582	Steroid hormone modulation of prostaglandin secretion in the ruminant endometrium during the estrous cycle. 2004 , 71, 11-6	74
1581	Regression of mouse prostatic intraepithelial neoplasia by nonsteroidal anti-inflammatory drugs in the transgenic adenocarcinoma mouse prostate model. 2004 , 10, 7727-37	95
1580	Inhibition of cyclooxygenase (COX)-2 expression by Tet-inducible COX-2 antisense cDNA in hormone-refractory prostate cancer significantly slows tumor growth and improves efficacy of chemotherapeutic drugs. 2004 , 10, 8037-47	58
1579	In vivo study on cross talk between inducible nitric-oxide synthase and cyclooxygenase in rat gastric mucosa: effect of cyclooxygenase activity on nitric oxide production. 2004 , 309, 995-1002	33
1578	Expression of key prostaglandin synthases in equine endometrium during late diestrus and early pregnancy. 2004 , 70, 391-9	83
1577	COX-2, MMP-9, and Noguchi Classification Provide Additional Prognostic Information About Adenocarcinoma of the Lung. 2004 , 121, 78-86	21
1576	Cyclooxygenase-2 modulates the insulin-like growth factor axis in non-small-cell lung cancer. 2004 , 64, 6549-55	33
1575	General medicine. 2004 , 150, 278-86	
1574	Cyclooxygenase-2 inhibitors suppress the growth of human hepatocellular carcinoma implants in nude mice. 2004 , 25, 1193-9	66
1573	COX-2 and the cardiovascular system. 2004 , 161-178	
1572	Transcriptional regulation of the cyclooxygenase-2 gene in macrophages by PU.1. 2004 , 279, 6658-65	49

1571	Immunohistochemical localization of cyclooxygenase isoforms in the organ of Corti and the spiral ganglion cells of guinea pig cochlea. 2004 , 66, 297-301	15
1570	Native LDL and oxidized LDL modulate cyclooxygenase-2 expression in HUVECs through a p38-MAPK, NF-kappaB, CRE dependent pathway and affect PGE2 synthesis. 2004 , 14, 353-9	11
1569	Cyclooxygenase-2 pathway correlates with vascular endothelial growth factor expression and tumor angiogenesis in hepatitis B virus-associated hepatocellular carcinoma. 2004 , 24, 853	14
1568	Chemoprevention of gastric cancer: role of COX-2 inhibitors and other agents. 2004 , 22, 320-6	18
1567	Rescue of female infertility from the loss of cyclooxygenase-2 by compensatory up-regulation of cyclooxygenase-1 is a function of genetic makeup. 2004 , 279, 10649-58	96
1566	Increased intrahepatic cyclooxygenase 2, matrix metalloproteinase 2, and matrix metalloproteinase 9 expression is associated with progressive liver disease in chronic hepatitis C virus infection: role of viral core and NS5A proteins. 2004 , 53, 1665-72	120
1565	Molecular characterization and role of bovine upstream stimulatory factor 1 and 2 in the regulation of the prostaglandin G/H synthase-2 promoter in granulosa cells. 2004 , 279, 6327-36	22
1564	Cyclooxygenases 1, 2, and 3 and the production of prostaglandin I2: investigating the activities of acetaminophen and cyclooxygenase-2-selective inhibitors in rat tissues. 2004 , 310, 642-7	40
1563	Antimetastatic activity of a cyclooxygenase-2 inhibitor. 2004 , 91, 359-65	50
1562	Methyl-beta-cyclodextrin inhibits cell growth and cell cycle arrest via a prostaglandin E(2) independent pathway. 2004 , 36, 78-84	11
1561	Cyclooxygenase isozymes: the biology of prostaglandin synthesis and inhibition. 2004 , 56, 387-437	1231
1560	Inhibitors of Eicosanoids. 189-210	7
1559	Vitamins, phytochemicals, diets, and their implementation in cancer chemoprevention. 2004 , 44, 437-52	41
1558	COX-2 Inhibitors. 2004 ,	4
1557	Concomitant overexpression of cyclooxygenase-2 in HER-2-positive on Smad4-reduced human gastric carcinomas is associated with a poor patient outcome. 2004 , 10, 6938-45	23
1556	Five-lipoxygenase-activating protein inhibitor MK-886 induces apoptosis in gastric cancer through upregulation of p27kip1 and bax. 2004 , 19, 31-7	29
1555	Cyclooxygenase-2 expression and angiogenesis in squamous cell carcinoma of the skin and its precursors: a paired immunohistochemical study of 35 cases. 2004 , 151, 837-45	64
1554	A functional polymorphism in the promoter region of the cyclooxygenase-2 gene is not associated with asthma and atopy in an Australian population. 2004 , 34, 1714-8	26

1553	Cyclooxygenase 2 (COX2) expression is associated with poor outcome in ER-negative, but not ER-positive, breast cancer. 2004 , 45, 47-54	73
1552	Non-steroidal anti-inflammatory drugs (NSAIDs) in Alzheimer's disease: old and new mechanisms of action. 2004 , 91, 521-36	185
1551	The expression of COX2 protein induced by Lactobacillus rhamnosus GG, endotoxin and lipoteichoic acid in T84 epithelial cells. 2004 , 39, 19-24	23
1550	Analgesic comparison of meloxicam or ketoprofen for orthopedic surgery in dogs. 2004 , 33, 650-60	38
1549	Role of vasoactive intestinal peptide and inflammatory mediators in enteric neuronal plasticity. 2004 , 16 Suppl 1, 123-8	73
1548	Malignancy in pheochromocytomas. 2004 , 112, 551-9	24
1547	Prostanoids and their receptors that modulate dendritic cell-mediated immunity. 2004 , 82, 353-60	48
1546	Cyclooxygenase-2 (Cox-2) in injured human nerve and a rat model of nerve injury. 2004 , 9, 15-25	44
1545	Herpes simplex virus thymidine kinase gene transduction enhances tumor growth rate and cyclooxygenase-2 expression in murine colon cancer cells. 2004 , 11, 830-40	7
1544	Interaction between cyclooxygenase-2 gene polymorphism and dietary n-6 polyunsaturated fatty acids on colon cancer risk: the Singapore Chinese Health Study. 2004 , 90, 1760-4	85
1543	Differential regulation of prostaglandin E biosynthesis by interferon-gamma in colonic epithelial cells. 2004 , 141, 1091-7	14
1542	Expression of HBx and COX-2 in chronic hepatitis B, cirrhosis and hepatocellular carcinoma: implication of HBx in upregulation of COX-2. 2004 , 17, 1169-79	83
1541	Cyclooxygenase-2 contributes to dysmotility and enhanced excitability of myenteric AH neurones in the inflamed guinea pig distal colon. 2004 , 557, 191-205	72
1540	Vitamin E supplementation increases polyunsaturated fatty acids of RBC membrane in HCV-infected patients. 2004 , 20, 358-63	14
1539	Overexpression of cyclooxygenase-2 is associated with radioresistance in oral squamous cell carcinoma. 2004 , 40, 383-9	46
1538	Pharmacology and signaling of prostaglandin receptors: multiple roles in inflammation and immune modulation. 2004 , 103, 147-66	627
1537	[Pharmacology and classification of cyclooxygenase inhibitors]. 2004 , 28 Spec No 3, C7-17	1
1536	Cyclooxygenase-2: a potential target in breast cancer. 2004 , 31, 64-73	128

1535	Multiple roles of COX-2 in tumor angiogenesis: a target for antiangiogenic therapy. 2004 , 31, 2-11	276
1534	COX-2 inhibition and colorectal cancer. 2004 , 31, 12-21	198
1533	The relationship between mucosal cyclooxygenase-2 (COX-2) expression and experimental radiation-induced mucositis. 2004 , 40, 170-6	70
1532	Expression of cyclooxygenase-2 in adenocarcinomas of the uterine cervix and its relation to angiogenesis and tumor growth. 2004 , 95, 523-9	19
1531	Inhibition of cyclooxygenase-2, but not cyclooxygenase-1, reduces prostaglandin E2 secretion from diabetic rat retinas. 2004 , 498, 275-8	43
1530	Vascular effects of the <i>Mangifera indica</i> L. extract (Vimang). 2004 , 499, 297-305	31
1529	Apocynin prevents cyclooxygenase 2 expression in human monocytes through NADPH oxidase and glutathione redox-dependent mechanisms. 2004 , 37, 156-65	127
1528	Endothelial cell integrins and COX-2: mediators and therapeutic targets of tumor angiogenesis. 2004 , 1654, 51-67	48
1527	Stimulation of angiogenesis by Ras proteins. 2004 , 1654, 23-37	57
1526	Prostaglandin E(2) promotes colorectal adenoma growth via transactivation of the nuclear peroxisome proliferator-activated receptor delta. 2004 , 6, 285-95	288
1525	Celecoxib: a potent cyclooxygenase-2 inhibitor in cancer prevention. 2004 , 28, 127-42	92
1524	Inhibition of IL-6, TNF-alpha, and cyclooxygenase-2 protein expression by prostaglandin E2-induced IL-10 in bone marrow-derived dendritic cells. 2004 , 228, 99-109	57
1523	Role of cyclooxygenase-2 in colorectal cancer. 2004 , 23, 63-75	138
1522	Anti-inflammatory and ulcerogenic effects of indomethacin and tenoxicam in combination with cimetidine. 2004 , 12, 203-10	7
1521	Activation of NFkappaB represents the central event in the neoplastic progression associated with Barrett's esophagus: a possible link to the inflammation and overexpression of COX-2, PPARgamma and growth factors. 2004 , 49, 1075-83	80
1520	Cyclooxygenase-2-dependent expression of angiogenic CXC chemokines ENA-78/CXC Ligand (CXCL) 5 and interleukin-8/CXCL8 in human non-small cell lung cancer. 2004 , 64, 1853-60	113
1519	Cyclooxygenase-2 and inducible nitric oxide synthase expression in human astrocytic gliomas: correlation with angiogenesis and prognostic significance. 2004 , 108, 43-8	105
1518	Inhibitory effect of cyclo-oxygenase-2 inhibitor on the production of matrix metalloproteinases in rheumatoid fibroblast-like synoviocytes. 2004 , 24, 207-11	19

1517	Expression of COX-2, mPGE-synthase1, MDR-1 (P-gp), and Bcl-xL: a molecular pathway of H pylori-related gastric carcinogenesis. 2004 , 202, 305-12	77
1516	Cyclooxygenase inhibitory flavonoids from the stem bark of <i>Semecarpus anacardium</i> Linn. 2004 , 18, 582-4	33
1515	Review article: the ageing bowel and intolerance to aspirin. 2004 , 19, 39-45	9
1514	Significance of COX-2 expression in human renal cell carcinoma cell lines. 2004 , 108, 825-32	49
1513	Preclinical evaluation of the nonsteroidal anti-inflammatory agent celecoxib on malignant mesothelioma chemoprevention. 2004 , 109, 322-8	40
1512	Inducible nitric oxide synthase expression in N-nitrosomethylbenzylamine (NMBA)-induced rat esophageal tumorigenesis. 2004 , 40, 232-40	24
1511	Styrylheterocycles as a novel class inhibitor of cyclooxygenase-2-mediated prostaglandin E(2) production. 2004 , 14, 2105-8	12
1510	Cyclooxygenases: new forms, new inhibitors, and lessons from the clinic. <i>FASEB Journal</i> , 2004 , 18, 790-804	482
1509	Contribution of UVB and UVA to UV-dependent stimulation of cyclooxygenase-2 expression in artificial epidermis. 2004 , 3, 257-62	44
1508	Failure of aspirin to prevent atherothrombosis: potential mechanisms and implications for clinical practice. 2004 , 4, 57-67	25
1507	[Targeted therapies in thoracic oncology]. 2004 , 21, 527-37	1
1506	Aspirin in the XXI century: its major clinical impact, novel mechanisms of action, and new safer formulations. 2004 , 127, 341-3	14
1505	Up-regulation of the enzymes involved in prostacyclin synthesis via Ras induces vascular endothelial growth factor. 2004 , 127, 1391-400	28
1504	Ginsenoside Rh1 possesses antiallergic and anti-inflammatory activities. 2004 , 133, 113-20	181
1503	Alpha-melanocyte-stimulating hormone through melanocortin-4 receptor inhibits nitric oxide synthase and cyclooxygenase expression in the hypothalamus of male rats. 2004 , 79, 278-86	43
1502	Pathophysiology and pharmacologic treatment of acute spinal cord injury. 2004 , 4, 451-64	462
1501	Prostaglandin Biosynthesis and Action in the Ovary. 2004 , 233-247	3
1500	Relationship between cyclooxygenase-2 inhibition and thrombogenesis. 2004 , 9, 51-9	9

1499	Phenolic extractives from the bark of <i>Pinus sylvestris</i> L. and their effects on inflammatory mediators nitric oxide and prostaglandin E2. 2004 , 52, 7532-40	81
1498	Fatty acid regulation of gene transcription. 2004 , 41, 41-78	260
1497	Diosgenin, a plant steroid, induces apoptosis in human rheumatoid arthritis synoviocytes with cyclooxygenase-2 overexpression. 2004 , 6, R373-83	67
1496	Cyclooxygenase-2 and inflammation in atherosclerosis. 2004 , 4, 116-23	93
1495	Comparison of the effects of parecoxib and diclofenac in preemptive analgesia: A prospective, randomized, assessor-blind, single-dose, parallel-group study in patients undergoing elective general surgery. 2004 , 65, 383-97	7
1494	Multifaceted roles of cyclooxygenase-2 in lung cancer. 2004 , 7, 169-84	79
1493	Fibronectin-induced COX-2 mediates MMP-2 expression and invasiveness of rhabdomyosarcoma. 2004 , 318, 594-600	24
1492	Cox-2 inhibition abrogates <i>Chlamydia pneumoniae</i> -induced PGE2 and MMP-1 expression. 2004 , 320, 738-44	19
1491	Augmented heme oxygenase-1 induces prostaglandin uptake via the prostaglandin transporter in micro-vascular endothelial cells. 2004 , 323, 1299-305	6
1490	COX-2-selective inhibitor, etodolac, suppresses choroidal neovascularization in a mice model. 2004 , 325, 461-6	32
1489	Angiogenic effect of prostaglandin I ₂ in relation with its effect on PPAR nuclear receptors. 2004 , 36, 331-2	3
1488	Severity of lung injury in cyclooxygenase-2-deficient mice is dependent on reduced prostaglandin E(2) production. 2004 , 165, 1663-76	105
1487	Involvement of the 3'-untranslated region of cyclooxygenase-2 gene in its post-transcriptional regulation through the glucocorticoid receptor. 2004 , 74, 2505-13	13
1486	Inhibitory effects of the <i>Gentiana macrophylla</i> (Gentianaceae) extract on rheumatoid arthritis of rats. 2004 , 95, 77-81	50
1485	Thioacetamide-induced liver regeneration involves the expression of cyclooxygenase 2 and nitric oxide synthase 2 in hepatocytes. 2004 , 40, 963-70	32
1484	The COX-2 pathway is essential during early stages of skeletal muscle regeneration. 2004 , 287, C475-83	211
1483	Effect of aspirin and indomethacin on prostaglandin E2 synthesis in C6 glioma cells. 2004 , 20, 1-5	4
1482	COX inhibitors and their effects on bone healing. 2004 , 3, 131-136	66

1481	Cyclooxygenase-2 expression in deep endometriosis and matched eutopic endometrium. 2004 , 82, 1309-15	73
1480	COX-2 inhibitors: a review. 2004 , 20, 396-9; quiz 400-2	8
1479	Mechanisms of inflammatory pain: therapeutic implications. 2004 , 10, S5-S11	7
1478	Cyclooxygenase-2 promotes human cholangiocarcinoma growth: evidence for cyclooxygenase-2-independent mechanism in celecoxib-mediated induction of p21waf1/cip1 and p27kip1 and cell cycle arrest. 2004 , 64, 1369-76	117
1477	Cyclooxygenase-2 and gastrointestinal cancer. 2004 , 10, 145-52	57
1476	Contribution of interaction between nitric oxide and cyclooxygenases to the production of prostaglandins in carrageenan-induced inflammation. 2004 , 101, 983-90	58
1475	Cyclosporin A impairs dendritic cell migration by regulating chemokine receptor expression and inhibiting cyclooxygenase-2 expression. 2004 , 103, 413-21	109
1474	Inhibitory effect of Chunghyuldan in prostaglandin E2 and nitric oxide biosynthesis of lipopolysaccharide-induced RAW 264.7 cells. 2004 , 27, 1810-3	15
1473	Inhibition of cyclooxygenase-2 improves cardiac function after myocardial infarction in the mouse. 2004 , 286, H1416-24	86
1472	COX-2 inhibition as a tool to treat and prevent colorectal cancer. 2004 , 52, 81-101	53
1471	Endogenous PGE2 regulates membrane excitability and synaptic transmission in hippocampal CA1 pyramidal neurons. 2005 , 93, 929-41	119
1470	Effects of the omega-3 fatty acid, alpha-linolenic acid, on lipopolysaccharide-challenged synovial explants from horses. 2005 , 66, 1503-8	13
1469	An ethnopharmacological study of medicinal plants in New South Wales. <i>Molecules</i> , 2005 , 10, 1252-62	4.8 15
1468	Cannabinoids and cancer: potential for colorectal cancer therapy. 2005 , 33, 712-4	23
1467	Oxygenation by COX-2 (cyclo-oxygenase-2) of 3-HETE (3-hydroxyeicosatetraenoic acid), a fungal mimetic of arachidonic acid, produces a cascade of novel bioactive 3-hydroxyeicosanoids. 2005 , 390, 737-47	31
1466	Recent developments in nonsteroidal antiinflammatory drugs in cats. 2005 , 41, 347-54	15
1465	Enzymologic and pharmacologic profile of loxoprofen sodium and its metabolites. 2005 , 28, 2075-9	23
1464	Avena Rhealba inhibits A23187-stimulated arachidonic acid mobilization, eicosanoid release, and cPLA2 expression in human keratinocytes: potential in cutaneous inflammatory disorders. 2005 , 28, 601-6	27

1463	5-Arylidene-2-imino-4-thiazolidinones: design and synthesis of novel anti-inflammatory agents. 2005 , 13, 4243-52	219
1462	Nitric oxide and cell viability in inflammatory cells: a role for NO in macrophage function and fate. 2005 , 208, 249-58	261
1461	Simultaneous analysis of prostaglandin glyceryl esters and prostaglandins by electrospray tandem mass spectrometry. 2005 , 343, 203-11	38
1460	Effect of ethanol on follicle stimulating hormone-induced steroidogenic acute regulatory protein (StAR) in cultured rat granulosa cells. 2005 , 37, 105-11	7
1459	The role of oxidative stress in diabetic complications. 2005 , 43, 289-330	236
1458	The role of phospholipases in lipid modification and atherosclerosis. 2005 , 5, 161-82	14
1457	Correlation of cyclooxygenase-2 (COX-2) and aromatase expression in human endometrial cancer: tissue microarray analysis. 2005 , 192, 1262-71; discussion 1271-3	49
1456	Cyclo-oxygenase-1 and -2 differently contribute to prostaglandin E2 synthesis and lipid peroxidation after in vivo activation of N-methyl-D-aspartate receptors in rat hippocampus. 2005 , 93, 1561-7	105
1455	Post-training intrahippocampal infusion of nicotine prevents spatial memory retention deficits induced by the cyclo-oxygenase-2-specific inhibitor celecoxib in rats. 2005 , 95, 1078-90	50
1454	Analgesia for the pregnant, lactating and neonatal to pediatric cat and dog. 2005 , 15, 273-284	8
1453	Non-steroidal anti-inflammatory drugs for the prevention and treatment of cancer. 2005 , 258, 115-23	93
1452	Review article: the potential of combinational regimen with non-steroidal anti-inflammatory drugs in the chemoprevention of colorectal cancer. 2005 , 21, 321-39	39
1451	Gastrin promotes human colon cancer cell growth via CCK-2 receptor-mediated cyclooxygenase-2 induction and prostaglandin E2 production. 2005 , 144, 338-48	51
1450	Effect of nimesulide on the serum levels of hyaluronan and stromelysin-1 in patients with osteoarthritis: a pilot study. 2005 , 58, 13-19	4
1449	Post-training intrahippocampal infusion of the COX-2 inhibitor celecoxib impaired spatial memory retention in rats. 2005 , 511, 159-66	49
1448	Subconjunctivally administered celecoxib-PLGA microparticles sustain retinal drug levels and alleviate diabetes-induced oxidative stress in a rat model. 2005 , 511, 191-8	102
1447	Anisomycin induces COX-2 mRNA expression through p38(MAPK) and CREB independent of small GTPases in intestinal epithelial cells. 2005 , 1745, 393-400	15
1446	Cyclooxygenase-2 and prostaglandin signaling in cholangiocarcinoma. 2005 , 1755, 135-50	31

1445	Inhibition of cyclooxygenase with indomethacin phenethylamide reduces atherosclerosis in apoE-null mice. 2005 , 70, 334-42	11
1444	Neuronal prostaglandin endoperoxide synthase 2 responses to oxygen and glucose deprivation are mediated by mitogen-activated protein kinase ERK1/2. 2005 , 1060, 100-7	4
1443	3D-QSAR and preliminary evaluation of anti-inflammatory activity of series of N-pyrrolylcarboxylic acids. 2005 , 60, 209-18	15
1442	Overexpression of cyclooxygenase-2 in nasopharyngeal carcinoma and association with lymph node metastasis. 2005 , 41, 903-8	16
1441	The role of omega-3 long-chain polyunsaturated fatty acids in health and disease of the retina. 2005 , 24, 87-138	57 ^o
1440	Lipid signaling: sleep, synaptic plasticity, and neuroprotection. 2005 , 77, 65-76	142
1439	Selective COX-2 inhibition is favorable to human early and late-stage osteoarthritic cartilage: a human in vitro study. 2005 , 13, 519-26	59
1438	Evaluation of cyclooxygenase-2 inhibition in an orthotopic murine model of lung cancer for dose-dependent effect. 2005 , 129, 1242-9	9
1437	Differential regulation of cyclooxygenase 2 expression by small GTPases Ras, Rac1, and RhoA. 2005 , 96, 314-29	17
1436	Involvement of phospholipase A2 and lipoxygenase in lipopolysaccharide-induced inducible nitric oxide synthase expression in glial cells. 2005 , 51, 13-21	22
1435	Cyclooxygenase-2 inhibitor celecoxib augments chemotherapeutic drug-induced apoptosis by enhancing activation of caspase-3 and -9 in prostate cancer cells. 2005 , 115, 484-92	88
1434	Gamma-herpesvirus neoplasia: a growing role for COX-2. 2005 , 68, 120-9	11
1433	Synthesis of [11C]celecoxib: a potential PET probe for imaging COX-2 expression. 2005 , 48, 887-895	40
1432	Heterogeneous expression and regulation of hippocampal prostaglandin E2 receptors. 2005 , 81, 817-26	35
1431	Inhibition of angiogenesis-relevant receptor tyrosine kinases by sulindac analogues. 2005 , 6, 527-31	6
1430	An animal model of calcium oxalate urolithiasis based on a cyclooxygenase 2 selective inhibitor. 2005 , 33, 453-9	4
1429	Clinical effects of flurbiprofen tooth patch on radiation-induced oral mucositis. A pilot study. 2005 , 13, 42-8	14
1428	Inhibition of cyclooxygenase-2 suppresses invasiveness of oral squamous cell carcinoma cell lines via down-regulation of matrix metalloproteinase-2 and CD44. 2004 , 21, 737-45	33

1427	Activation of the epidermal growth factor receptor in optic nerve astrocytes leads to early and transient induction of cyclooxygenase-2. 2005 , 46, 2035-41	18
1426	Cyclooxygenase-2 and an early stage of chronic hypoxia-induced pulmonary hypertension in newborn pigs. 2005 , 98, 1111-8; discussion 1091	22
1425	A novel angiogenic role for prostaglandin F2alpha-FP receptor interaction in human endometrial adenocarcinomas. 2005 , 65, 7707-16	89
1424	Defective expression of Tamm-Horsfall protein/uromodulin in COX-2-deficient mice increases their susceptibility to urinary tract infections. 2005 , 289, F49-60	22
1423	Inhibitors of mitogen-activated protein kinases downregulate COX-2 expression in human chondrocytes. 2005 , 2005, 249-55	49
1422	Mechanisms for the prevention of gastrointestinal cancer: the role of prostaglandin E2. 2005 , 69 Suppl 1, 28-32	85
1421	c-Jun/activator protein-1 mediates interleukin-1beta-induced dedifferentiation but not cyclooxygenase-2 expression in articular chondrocytes. 2005 , 280, 29780-7	44
1420	An unusual case of terminal ileal stricture. 2005 , 54, 616, 653	
1419	New indications for established drugs: combined tumor-stroma-targeted cancer therapy with PPARgamma agonists, COX-2 inhibitors, mTOR antagonists and metronomic chemotherapy. 2005 , 5, 393-419	50
1418	Cyclooxygenase- and lipoxygenase-dependent relaxation to arachidonic acid in rabbit small mesenteric arteries. 2005 , 288, H302-9	20
1417	Anti-Inflammatory and Anti-Neoplastic Actions of Resveratrol. 2005 , 1, 189-199	1
1416	Aspirin Resistance: Detection, Mechanisms and Clinical Implications. 2005 , 1, 203-211	2
1415	Mechanisms of colon cancer prevention with and beyond COX-2 inhibition. 2005 , 5, 505-16	7
1414	Diversity and similarity in signaling events leading to rapid Cox-2 induction by tumor necrosis factor-alpha and phorbol ester in human endothelial cells. 2005 , 65, 683-93	44
1413	Analgesic efficacy of preoperative administration of meloxicam or butorphanol in onychectomized cats. 2005 , 226, 913-9	65
1412	Cyclooxygenase-1 gene polymorphisms in patients with different asthma phenotypes and atopy. 2005 , 26, 249-56	22
1411	Role of cyclooxygenases 1 and 2 in the modulation of neuromuscular functions in the distal colon of humans and mice. 2005 , 54, 608-16	41
1410	Angiotensin II and epidermal growth factor induce cyclooxygenase-2 expression in intestinal epithelial cells through small GTPases using distinct signaling pathways. 2005 , 280, 1582-93	50

1409	Role of omega-3 polyunsaturated fatty acids on cyclooxygenase-2 metabolism in brain-metastatic melanoma. 2005 , 46, 1278-84	66
1408	Cyclooxygenase-2 is an independent prognostic factor in gastric cancer and its expression is regulated by the messenger RNA stability factor HuR. 2005 , 11, 7362-8	126
1407	Expression of COX-2 mRNA in peripheral blood monocytes from patients with acute myocardial infarction and its significance. 2005 , 51, 2170-3	12
1406	Oxidative stress augments the production of matrix metalloproteinase-1, cyclooxygenase-2, and prostaglandin E2 through enhancement of NF-kappa B activity in lipopolysaccharide-activated human primary monocytes. 2005 , 175, 5423-9	137
1405	Celecoxib and NS-398 enhance photodynamic therapy by increasing in vitro apoptosis and decreasing in vivo inflammatory and angiogenic factors. 2005 , 65, 9473-8	101
1404	Differential effects of IL-10 on prostaglandin H synthase-2 expression and prostaglandin E2 biosynthesis between spleen and bone marrow macrophages. 2005 , 77, 544-51	9
1403	Effect of inflammation on cyclooxygenase (COX)-2 expression in benign and malignant oesophageal cells. 2005 , 26, 1627-33	50
1402	Monocyte cyclooxygenase-2 overactivity: a new marker of subclinical atherosclerosis in asymptomatic subjects with cardiovascular risk factors?. 2005 , 26, 153-8	34
1401	Hepatic oval cell response to the choline-deficient, ethionine supplemented model of murine liver injury is attenuated by the administration of a cyclo-oxygenase 2 inhibitor. 2006 , 27, 1607-16	33
1400	Modulation of prostaglandin biosynthesis by nitric oxide and nitric oxide donors. 2005 , 57, 217-52	283
1399	Evaluation of tumor-specific promoter activities in melanoma. 2005 , 12, 330-8	45
1398	Regulation of prostaglandin metabolism by calcitriol attenuates growth stimulation in prostate cancer cells. 2005 , 65, 7917-25	179
1397	Overexpression of immediate early genes in active Graves' ophthalmopathy. 2005 , 90, 4784-91	57
1396	Clinical pharmacology of etoricoxib. 2005 , 1, 269-82	12
1395	Postsynaptically synthesized prostaglandin E2 (PGE2) modulates hippocampal synaptic transmission via a presynaptic PGE2 EP2 receptor. 2005 , 25, 9858-70	145
1394	Integrin-mediated adhesion and soluble ligand binding stabilize COX-2 protein levels in endothelial cells by inducing expression and preventing degradation. 2005 , 280, 1077-85	45
1393	Measurement of pro-C-type natriuretic peptide in plasma. 2005 , 51, 2173-6	25
1392	Prostaglandins in non-insectan invertebrates: recent insights and unsolved problems. 2005 , 208, 3-14	97

1391	Cyclooxygenase-2-dependent activation of signal transducer and activator of transcription 3 by interleukin-6 in non-small cell lung cancer. 2005 , 11, 7674-82	94
1390	The cardiovascular toxicity of selective and nonselective cyclooxygenase inhibitors: comparisons, contrasts, and aspirin confounding. 2005 , 45, 742-50	47
1389	Peripheral nerve dysfunction in experimental diabetes is mediated by cyclooxygenase-2 and oxidative stress. 2005 , 7, 1521-9	45
1388	Curcumin inhibits phorbol ester-induced up-regulation of cyclooxygenase-2 and matrix metalloproteinase-9 by blocking ERK1/2 phosphorylation and NF-kappaB transcriptional activity in MCF10A human breast epithelial cells. 2005 , 7, 1612-20	61
1387	Prostaglandin E2 activates mitogen-activated protein kinase/Erk pathway signaling and cell proliferation in non-small cell lung cancer cells in an epidermal growth factor receptor-independent manner. 2005 , 65, 6275-81	190
1386	Cyclooxygenase-2 functions as a downstream mediator of lysophosphatidic acid to promote aggressive behavior in ovarian carcinoma cells. 2005 , 65, 2234-42	99
1385	Selective cyclooxygenase-2 inhibitors development in cardiovascular medicine. 2005 , 112, 1073-9	40
1384	Expression and contribution of three different isoforms of prostaglandin E synthase in the bovine endometrium. 2005 , 73, 36-44	37
1383	Structural and mutational analysis of Trypanosoma brucei prostaglandin H2 reductase provides insight into the catalytic mechanism of aldo-ketoreductases. 2005 , 280, 26371-82	22
1382	Monocyte cyclooxygenase-2 activity: a new therapeutic target for atherosclerosis?. 2005 , 5, 303-11	14
1381	Activation of lipid metabolism contributes to interleukin-8 production during Chlamydia trachomatis infection of cervical epithelial cells. 2005 , 73, 4017-24	33
1380	COX-2 correlates with F-box protein, Skp2 expression and prognosis in human gastric carcinoma. 2005 , 26, 353	1
1379	The Coxib NSAIDs: Potential Clinical and Pharmacologic Importance in Veterinary Medicine. 2005 , 19, 633-643	109
1378	Aberrant methylation of cyclooxygenase-2 in breast cancer patients. 2005 , 59 Suppl 2, S264-7	12
1377	Distribution of cyclooxygenase-1, cyclooxygenase-2, and cytosolic phospholipase A2 in the luteal phase human endometrium and ovary. 2005 , 83, 156-62	29
1376	The risks and benefits of cyclo-oxygenase-2 inhibitors in prostate cancer: a review. 2005 , 3, 278-85	10
1375	Molecular cloning and tissue distribution of microsomal-1 and cytosolic prostaglandin E synthases in macaque. 2005 , 78, 27-37	4
1374	Cyclooxygenase-2: A Potential Target in the Treatment of Oral Cancers. 2005 , 2, 1-7	

1373	Comparative effect of nimesulide and ibuprofen on the urinary levels of collagen type II C-telopeptide degradation products and on the serum levels of hyaluronan and matrix metalloproteinases-3 and -13 in patients with flare-up of osteoarthritis. 2005 , 6, 261-71	24
1372	Respiratory syncytial virus (RSV) infection induces cyclooxygenase 2: a potential target for RSV therapy. 2005 , 174, 4356-64	62
1371	Cyclooxygenase-2 inhibition sensitizes human colon carcinoma cells to TRAIL-induced apoptosis through clustering of DR5 and concentrating death-inducing signaling complex components into ceramide-enriched caveolae. 2005 , 65, 11447-58	79
1370	Prostaglandin E2 enhances intestinal adenoma growth via activation of the Ras-mitogen-activated protein kinase cascade. 2005 , 65, 1822-9	155
1369	Clostridium difficile toxin A regulates inducible cyclooxygenase-2 and prostaglandin E2 synthesis in colonocytes via reactive oxygen species and activation of p38 MAPK. 2005 , 280, 21237-45	68
1368	Zyflamend, a unique herbal preparation with nonselective COX inhibitory activity, induces apoptosis of prostate cancer cells that lack COX-2 expression. 2005 , 52, 202-12	44
1367	Selective cyclooxygenase-2 inhibition reverses microcirculatory and inflammatory sequelae of closed soft-tissue trauma in an animal model. 2005 , 87, 153-60	19
1366	Corn silk induced cyclooxygenase-2 in murine macrophages. 2005 , 69, 1848-53	4
1365	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
1364	Novel therapeutic opportunities for Alzheimer's disease: focus on nonsteroidal anti-inflammatory drugs. <i>FASEB Journal</i> , 2005 , 19, 1592-601	0.9 171
1363	Antioxidant activities of extracts from five anti-viral medicinal plants. 2005 , 96, 201-5	46
1362	The role of selective nitric oxide synthase inhibitor on nitric oxide and PGE2 levels in refractory hemorrhagic-shocked rats. 2005 , 123, 206-14	18
1361	Role of p38 in nitric oxide synthase and cyclooxygenase expression, and nitric oxide and PGE2 synthesis in human gingival fibroblasts stimulated with lipopolysaccharides. 2005 , 77, 60-73	34
1360	Hypergravity induces expression of cyclooxygenase-2 in the heart vessels. 2005 , 330, 928-33	19
1359	Structural and functional differences between cyclooxygenases: fatty acid oxygenases with a critical role in cell signaling. 2005 , 338, 34-44	42
1358	Repetitive mechanical stretching modulates IL-1beta induced COX-2, MMP-1 expression, and PGE2 production in human patellar tendon fibroblasts. 2005 , 363, 166-72	216
1357	15d-PGJ2: the anti-inflammatory prostaglandin?. 2005 , 114, 100-9	260
1356	Analgesia and chemical restraint for the emergent patient. 2005 , 35, 481-515, viii	10

1355	Lipid mediator networks and leukocyte transmigration. 2005 , 73, 197-202	13
1354	Cyclooxygenase-2 promotes early atherosclerotic lesion formation in ApoE-deficient and C57BL/6 mice. 2005 , 39, 443-52	86
1353	NS-398, a selective cyclooxygenase-2 inhibitor, reduces experimental bladder carcinoma outgrowth by inhibiting tumor cell proliferation. 2005 , 66, 434-40	16
1352	Antitumor effects of etodolac, a selective cyclooxygenase-II inhibitor, against human prostate cancer cell lines in vitro and in vivo. 2005 , 66, 1239-44	14
1351	Dehydrodiisoeugenol, an isoeugenol dimer, inhibits lipopolysaccharide-stimulated nuclear factor kappa B activation and cyclooxygenase-2 expression in macrophages. 2005 , 434, 326-32	61
1350	Celecoxib, a selective inhibitor of cyclooxygenase 2 for therapy of diffuse anterior scleritis. 2005 , 139, 1086-9	21
1349	Atorvastatin reduces lipopolysaccharide-induced expression of cyclooxygenase-2 in human pulmonary epithelial cells. 2005 , 6, 27	17
1348	The role of prostaglandins and other eicosanoids in the gastrointestinal tract. 2005 , 128, 1445-61	146
1347	COX-2 inhibitor, NS398, enhances Fas-mediated apoptosis via modulation of the PTEN-Akt pathway in human gastric carcinoma cell lines. 2005 , 24, 141-7	24
1346	Effect of age-related changes in gastric physiology on tolerability of medications for older people. 2005 , 22, 655-61	16
1345	Prospects of antiviral and anti-inflammatory therapy for respiratory syncytial virus infection. 2005 , 3, 945-55	12
1344	Preclinical evaluation of transcriptional targeting strategies for carcinoma of the breast in a tissue slice model system. 2005 , 7, R1141-52	30
1343	Contrasting effects of peroxisome-proliferator-activated receptor (PPAR)gamma agonists on membrane-associated prostaglandin E2 synthase-1 in IL-1beta-stimulated rat chondrocytes: evidence for PPARgamma-independent inhibition by 15-deoxy-Delta12,14prostaglandin J2. 2005 , 7, R1325-37	46
1342	Alterations of metabolic activity in human osteoarthritic osteoblasts by lipid peroxidation end product 4-hydroxynonenal. 2006 , 8, R159	41
1341	Alterations in the virulence potential of enteric pathogens and bacterial-host cell interactions under simulated microgravity conditions. 2006 , 69, 1345-70	62
1340	Prostaglandins and cancer. 2006 , 55, 115-22	620
1339	Conjugated linoleic acid reduces phorbol ester-induced prostaglandin F2alpha production by bovine endometrial cells. 2006 , 89, 3826-32	12
1338	CXCL1 induced by prostaglandin E2 promotes angiogenesis in colorectal cancer. 2006 , 203, 941-51	262

1337	Overexpression of COX-2, Prostaglandin E synthase-1 and prostaglandin E receptors in blood mononuclear cells and plaque of patients with carotid atherosclerosis: regulation by nuclear factor-kappaB. 2006 , 187, 139-49	73
1336	[Cyclooxygenase-2: a new therapeutic target in atherosclerosis?]. 2006 , 126, 782-6	2
1335	Malignant pheochromocytoma. 2006 , 15, 555-71	37
1334	Cytotoxicity of a non-cyclooxygenase-2 inhibitory derivative of celecoxib in non-small-cell lung cancer A549 cells. 2006 , 52, 117-24	22
1333	Hirsutenone inhibits phorbol ester-induced upregulation of COX-2 and MMP-9 in cultured human mammary epithelial cells: NF-kappaB as a potential molecular target. 2006 , 580, 385-92	40
1332	Inhibition of platelet-derived growth factor-induced mesangial cell proliferation by cyclooxygenase-2 overexpression is abolished through reactive oxygen species. 2006 , 580, 2523-8	8
1331	A comparison of valdecoxib and naproxen in the treatment of rheumatoid arthritis symptoms. 2006 , 28, 204-21	7
1330	Group V secretory phospholipase A2 amplifies the induction of cyclooxygenase 2 and delayed prostaglandin D2 generation in mouse bone marrow culture-derived mast cells in a strain-dependent manner. 2006 , 1761, 1489-97	25
1329	Desferrioxamine, an iron chelator, enhances HIF-1alpha accumulation via cyclooxygenase-2 signaling pathway. 2006 , 343, 8-14	78
1328	Cyclooxygenase-2 in hepatocellular carcinoma. 2006 , 32, 28-44	99
1327	Radiation therapy-induced mucositis: relationships between fractionated radiation, NF-kappaB, COX-1, and COX-2. 2006 , 32, 645-51	35
1326	Lipid signaling and synaptic plasticity. 2006 , 12, 425-34	69
1325	Seungma-galgeun-tang attenuates proinflammatory activities through the inhibition of NF-kappaB signal pathway in the BV-2 microglial cells. 2006 , 107, 59-66	12
1324	Selection of tumour specific promoters for adenoviral gene therapy of cholangiocarcinoma. 2006 , 44, 126-33	24
1323	COX-2 expression in the guinea pig cochlea is partly altered by moderate sound exposure. 2006 , 394, 121-6	26
1322	The cyclooxygenase 2 -765 C promoter allele is a protective factor for Alzheimer's disease. 2006 , 395, 240-3	32
1321	A time course analysis of cyclooxygenase-2 suggests a role in spatial memory retrieval in rats. 2006 , 54, 171-9	32
1320	JNK inhibitor SP600125 reduces COX-2 expression by attenuating mRNA in activated murine J774 macrophages. 2006 , 6, 987-96	38

1319	Tolfenamic acid and pancreatic cancer growth, angiogenesis, and Sp protein degradation. 2006 , 98, 855-68	145
1318	Gastric mucosal cell model for estimating relative gastrointestinal toxicity of non-steroidal anti-inflammatory drugs. 2006 , 75, 9-17	15
1317	Relationship between prostaglandin E2 receptors and clinicopathologic features in human prostate cancer tissue. 2006 , 68, 1360-5	21
1316	Microvessel density is a prognostic marker of human gastric cancer. 2006 , 12, 7598-603	40
1315	Ectopic Expression of Caveolin-1 Induces COX-2 Expression in Rabbit Articular Chondrocytes via MAP Kinase Pathway. 2006 , 6, 123	1
1314	Expression of cyclooxygenase-2, p53 and Ki-67 in gastric cancer. 2006 , 21, 871-6	29
1313	The Effect of a Cyclooxygenase-2 Inhibitor on Proliferating Activity in Breast Cancer: First Results. 2006 , 1, 320-323	
1312	Cyclooxygenase-2 and inducible nitric oxide synthase expression in thyroid neoplasms and their clinicopathological correlation. 2006 , 21, 1064-9	7
1311	Gene expression programs in response to hypoxia: cell type specificity and prognostic significance in human cancers. 2006 , 3, e47	476
1310	Cellular and molecular aspects of gastric cancer. 2006 , 12, 2979-90	186
1309	Effect of Aging on the Gastrointestinal Tract. 2006 , 405-433	4
1308	Expression of cyclooxygenase-2 in epithelial ovarian tumors and its relation to vascular endothelial growth factor and p53 expression. 2006 , 16, 247-253	8
1307	Selective cyclooxygenase-2 inhibitors inhibit growth and induce apoptosis of bladder cancer. 2006 , 15, 471	3
1306	Influence of cyclooxygenase inhibitors on gut immune cell distribution and apoptosis rate in experimental sepsis. 2006 , 25, 147-54	16
1305	In vitro effects of arecoline on sperm motility and cyclooxygenase-2 expression. 2006 , 31, 75-82	11
1304	Biological interactions between herpesviruses and cyclooxygenase enzymes. 2006 , 16, 393-403	28
1303	Expression of cyclooxygenase-1 and -2 in the porcine endometrium during the oestrous cycle and early pregnancy. 2006 , 41, 251-7	44
1302	Differentiation-dependent regulation of the cyclooxygenase cascade during adipogenesis suggests a complex role for prostaglandins. 2006 , 8, 83-93	39

1301	Ex vivo analysis of antineoplastic agents in precision-cut tissue slices of human origin: effects of cyclooxygenase-2 inhibition in hepatocellular carcinoma. 2006 , 26, 604-12	21
1300	Expression of cyclooxygenase-2 in epithelial ovarian tumors and its relation to vascular endothelial growth factor and p53 expression. 2006 , 16 Suppl 1, 247-53	23
1299	COX-1 inhibition enhances scratching behaviour in NC/Nga mice with atopic dermatitis. 2006 , 15, 582-8	14
1298	Translational studies on Cox-2 inhibitors in the prevention and treatment of colon cancer. 2000 , 910, 196-204; discussion 204-6	28
1297	Melatonin reduces infarction volume in a photothrombotic stroke model in the wild-type but not cyclooxygenase-1-gene knockout mice. 2006 , 41, 150-6	23
1296	Immunohistochemical study of cyclooxygenase-2 and p53 expression in skin tumors. 2006 , 33, 319-25	30
1295	<i>Bidens pilosa</i> suppresses interleukin-1beta-induced cyclooxygenase-2 expression through the inhibition of mitogen activated protein kinases phosphorylation in normal human dermal fibroblasts. 2006 , 33, 676-83	22
1294	COX isoforms in the cardiovascular system: understanding the activities of non-steroidal anti-inflammatory drugs. 2006 , 5, 75-86	196
1293	TGF-beta1 induces COX-2 expression and PGE2 synthesis through MAPK and PI3K pathways in human mesangial cells. 2006 , 70, 901-9	66
1292	EP2, a receptor for PGE2, regulates tumor angiogenesis through direct effects on endothelial cell motility and survival. 2006 , 25, 7019-28	99
1291	New insights into the mechanism of action of acetaminophen: Its clinical pharmacologic characteristics reflect its inhibition of the two prostaglandin H2 synthases. 2006 , 79, 9-19	135
1290	Enhanced antisense effect of modified PNAs delivered through functional PMMA microspheres. 2006 , 324, 83-91	5
1289	The roles of polyphenols in cancer chemoprevention. 2006 , 26, 105-21	155
1288	Relapse of inflammatory bowel disease associated with use of nonsteroidal anti-inflammatory drugs. 2006 , 51, 168-72	48
1287	COX-2 inhibitors modulate IL-12 signaling through JAK-STAT pathway leading to Th1 response in experimental allergic encephalomyelitis. 2006 , 26, 73-85	50
1286	The inhibition of lung colonization of B16-F10 melanoma cells in EFA-deficient animals is related to enhanced apoptosis and reduced angiogenesis. 2006 , 23, 159-65	4
1285	Pioglitazone, a synthetic ligand for PPARgamma, induces apoptosis in RB-deficient human colorectal cancer cells. 2006 , 11, 401-11	35
1284	NF-kappaB/PPAR gamma and/or AP-1/PPAR gamma 'on/off' switches and induction of CBP in colon adenocarcinomas: correlation with COX-2 expression. 2007 , 22, 57-68	39

1283	Pathological function of prostaglandin E2 receptors in transitional cell carcinoma of the upper urinary tract. 2006 , 448, 822-9	11
1282	Cyclooxygenase-2 polymorphisms and risk of systemic lupus erythematosus in Koreans. 2006 , 27, 1-5	5
1281	Activation of the human FP prostanoid receptor disrupts mitosis progression and generates aneuploidy and polyploidy. 2006 , 63, 112-21	
1280	[NSAIDs and COX-2-inhibitors: current status]. 2006 , 47, 533-4, 536-8, 540	4
1279	t10,c12 Conjugated linoleic acid induces compensatory growth after immune challenge. 2006 , 17, 735-41	12
1278	Cyclooxygenase-2 inhibition: vascular inflammation and cardiovascular risk. 2006 , 8, 245-51	13
1277	Cyclooxygenase-2-dependent neuronal death proceeds via superoxide anion generation. 2006 , 41, 960-72	84
1276	Managing the spectrum of surgical pain: acute management of the chronic pain patient. 2006 , 202, 169-75	12
1275	GR 63799X, an EP3 receptor agonist, induced S phase arrest and 3T6 fibroblast growth inhibition. 2006 , 529, 16-23	10
1274	Prostanoids as pharmacological targets in COPD and asthma. 2006 , 533, 89-100	68
1273	Prostaglandins modulate nitric oxide synthase activity early in time in the uterus of estrogenized rat challenged with lipopolysaccharide. 2006 , 534, 218-26	16
1272	Cinnamaldehyde reduces IL-1beta-induced cyclooxygenase-2 activity in rat cerebral microvascular endothelial cells. 2006 , 537, 174-80	60
1271	Pharmacological separation between peripheral and central functions of cyclooxygenase-2 with CIAA, a novel cyclooxygenase-2 inhibitor. 2006 , 539, 125-30	8
1270	Long term environmental tobacco smoke activates nuclear transcription factor-kappa B, activator protein-1, and stress responsive kinases in mouse brain. 2006 , 71, 1602-9	36
1269	The synthetic cannabinoid WIN 55,212-2 increases COX-2 expression and PGE2 release in murine brain-derived endothelial cells following Theiler's virus infection. 2006 , 72, 869-80	46
1268	Acacetin suppressed LPS-induced up-expression of iNOS and COX-2 in murine macrophages and TPA-induced tumor promotion in mice. 2006 , 72, 1293-303	122
1267	Cytosolic prostaglandin E2 synthase (cPGES) expression is decreased in discrete cortical regions in psychiatric disease. 2006 , 1103, 164-72	31
1266	Expression of cyclooxygenase-2 in breast carcinogenesis and its relation to HER-2/neu and p53 protein expression in invasive ductal carcinoma. 2006 , 15, 390-8	21

1265	Structure-activity relations of inhibitory effects of various flavonoids on lipopolysaccharide-induced prostaglandin E2 production in rat peritoneal macrophages: comparison between subclasses of flavonoids. 2006 , 13, 310-7	71
1264	Relationship between cyclooxygenase 8473T>C polymorphism and the risk of lung cancer: a case-control study. 2006 , 6, 70	43
1263	Transgenic mouse for conditional, tissue-specific Cox-2 overexpression. 2006 , 44, 177-82	16
1262	Inhibition of human telomerase reverse transcriptase by nonsteroidal antiinflammatory drugs in colon carcinoma. 2006 , 106, 1243-9	25
1261	Cyclooxygenase-2 (COX-2) expression is an independent predictor of prostate cancer recurrence. 2006 , 119, 1082-7	64
1260	Genetic variation in the COX-2 gene and the association with prostate cancer risk. 2006 , 119, 668-72	67
1259	Endometrial receptivity: clinical assessment in relation to fertility, infertility, and antifertility. 2006 , 26, 699-746	53
1258	Photodynamic therapy: combined modality approaches targeting the tumor microenvironment. 2006 , 38, 516-21	123
1257	Synthesis of 18F-labeled cyclooxygenase-2 (COX-2) inhibitor as a potential PET imaging agent. 2006 , 49, 583-593	9
1256	Antitumor effects of celecoxib on K562 leukemia cells are mediated by cell-cycle arrest, caspase-3 activation, and downregulation of Cox-2 expression and are synergistic with hydroxyurea or imatinib. 2006 , 81, 242-55	45
1255	Ibuprofen inhibits skeletal muscle hypertrophy in rats. 2006 , 38, 840-6	77
1254	New evidence of H1-receptor independent COX-2 inhibition by fexofenadine HCl in vitro. 2006 , 78, 129-35	7
1253	Role of PGE2 and EP receptors in the pathogenesis of rheumatoid arthritis and as a novel therapeutic strategy. 2006 , 6, 383-94	75
1252	Iloprost attenuates doxorubicin-induced cardiac injury in a murine model without compromising tumour suppression. 2006 , 27, 1251-6	32
1251	Update on COX-2 inhibitor patents with a focus on optimised formulation and therapeutic scope of drug combinations making use of COX-2 inhibitors. <i>Expert Opinion on Therapeutic Patents</i> , 2006 , 16, 403-430	68 6
1250	COX-2 Enzyme and its Inhibitors. 2006 , 2, 161-178	
1249	Functional prostaglandin-endoperoxide synthase 2 polymorphism predicts poor outcome in sarcoidosis. 2006 , 174, 915-22	45
1248	Roles of prostanoids in colon carcinogenesis and their potential targeting for cancer chemoprevention. 2006 , 12, 2375-82	56

1247	MMP-2 but not MMP-9 associated with COX-2 and survival in gastric cancer. 2006 , 59, 618-23	42
1246	Impact of cyclooxygenase inhibitors in the Women's Health Initiative hormone trials: secondary analysis of a randomized trial. 2006 , 1, e26	2
1245	Homeodomain-interacting protein kinase-2 restrains cytosolic phospholipase A2-dependent prostaglandin E2 generation in human colorectal cancer cells. 2006 , 12, 735-41	43
1244	Chemopreventive properties of black raspberries in N-nitrosomethylbenzylamine-induced rat esophageal tumorigenesis: down-regulation of cyclooxygenase-2, inducible nitric oxide synthase, and c-Jun. 2006 , 66, 2853-9	99
1243	Cyclooxygenase 2 rescues LNCaP prostate cancer cells from sanguinarine-induced apoptosis by a mechanism involving inhibition of nitric oxide synthase activity. 2006 , 66, 3726-36	54
1242	Cyclooxygenase-2 rescues rat mesangial cells from apoptosis induced by adriamycin via upregulation of multidrug resistance protein 1 (P-glycoprotein). 2006 , 17, 977-85	16
1241	An animal model for the rapid induction of tongue neoplasms in human c-Ha-ras proto-oncogene transgenic rats by 4-nitroquinoline 1-oxide: its potential use for preclinical chemoprevention studies. 2006 , 27, 619-30	38
1240	A critical role for prostaglandin E2 in podosome dissolution and induction of high-speed migration during dendritic cell maturation. 2006 , 177, 1567-74	109
1239	Cyclooxygenase 2 expression in colorectal cancer with DNA mismatch repair deficiency. 2006 , 12, 1686-92	26
1238	Repression of prostaglandin dehydrogenase by epidermal growth factor and snail increases prostaglandin E2 and promotes cancer progression. 2006 , 66, 6649-56	94
1237	Arachidonic acid cascade and epithelial barrier function during Caco-2 cell differentiation. 2006 , 47, 1416-23	61
1236	Hypervascular pancreatic mass. 2006 , 55, 122, 140	
1235	COX-2 Is Widely Expressed in Metaplastic Epithelium in Pulmonary Fibrous Disorders. 2006 , 126, 717-724	30
1234	Relation between cyclooxygenase-2 expression and clinicopathologic parameters with patient prognosis in transitional cell carcinoma of the bladder. 2006 , 76, 51-6	11
1233	Cyclooxygenase-1 deficiency in bone marrow cells increases early atherosclerosis in apolipoprotein E- and low-density lipoprotein receptor-null mice. 2006 , 113, 108-17	33
1232	Activation of synoviocytes by the secreted phospholipase A2 motif in the VP1-unique region of parvovirus B19 minor capsid protein. 2006 , 193, 582-90	68
1231	A novel positive feedback loop between peroxisome proliferator-activated receptor-delta and prostaglandin E2 signaling pathways for human cholangiocarcinoma cell growth. 2006 , 281, 33982-96	60
1230	Inhibition of 5-lipoxygenase by MK886 augments the antitumor activity of celecoxib in human colon cancer cells. <i>Molecular Cancer Therapeutics</i> , 2006 , 5, 2716-26	6.1 106

1229	Destruction of pancreatic beta-cells by transgenic induction of prostaglandin E2 in the islets. 2006 , 281, 29330-6		39
1228	RNA interference-mediated cyclooxygenase-2 inhibition prevents prostate cancer cell growth and induces differentiation: modulation of neuronal protein synaptophysin, cyclin D1, and androgen receptor. <i>Molecular Cancer Therapeutics</i> , 2006 , 5, 1117-25	6.1	42
1227	Novel targeting of cyclooxygenase-2 (COX-2) pre-mRNA using antisense morpholino oligonucleotides directed to the 3' acceptor and 5' donor splice sites of exon 4: suppression of COX-2 activity in human amnion-derived WISH and myometrial cells. 2006 , 69, 796-804		15
1226	Cyclooxygenase 2 induced by Kaposi's sarcoma-associated herpesvirus early during in vitro infection of target cells plays a role in the maintenance of latent viral gene expression. 2006 , 80, 6534-52		65
1225	COX2 in a euryhaline teleost, <i>Fundulus heteroclitus</i> : primary sequence, distribution, localization, and potential function in gills during salinity acclimation. 2006 , 209, 1696-708		36
1224	Reactive oxygen species in the cerebral circulation: are they all bad?. 2006 , 8, 1113-20		42
1223	Thioredoxin-1 modulates transcription of cyclooxygenase-2 via hypoxia-inducible factor-1alpha in non-small cell lung cancer. 2006 , 66, 143-50		75
1222	Reciprocal regulation of cyclooxygenase-2 and 15-hydroxyprostaglandin dehydrogenase expression in A549 human lung adenocarcinoma cells. 2006 , 27, 2170-9		47
1221	Utility of immunohistochemical analysis for cyclo-oxygenase 2 in the differential diagnosis of osteblastoma and osteosarcoma. 2007 , 60, 410-4		13
1220	Clinical safety and efficacy of NG440: a novel combination of rho iso-alpha acids from hops, rosemary, and oleanolic acid for inflammatory conditions. 2007 , 85, 872-83		28
1219	COX-2 and SCD, markers of inflammation and adipogenesis, are related to disease activity in Graves' ophthalmopathy. 2007 , 17, 511-7		25
1218	Signaling pathways involved in cyclooxygenase-2 induction by hepatocyte growth factor in non small-cell lung cancer. 2007 , 72, 769-79		34
1217	Induction and function of lipocalin prostaglandin D synthase in host immunity. 2007 , 179, 2565-75		37
1216	Catalytically inactive cyclooxygenase 2 and absence of prostaglandin E2 biosynthesis in murine peritoneal macrophages following in vivo phagocytosis of heat-killed <i>Mycobacterium bovis</i> bacillus Calmette-Guérin. 2007 , 179, 7072-8		14
1215	Tobacco smoke cooperates with interleukin-1beta to alter beta-catenin trafficking in vascular endothelium resulting in increased permeability and induction of cyclooxygenase-2 expression in vitro and in vivo. <i>FASEB Journal</i> , 2007 , 21, 1831-43	0.9	69
1214	COX-2 CA-haplotype is a risk factor for the development of esophageal adenocarcinoma. 2007 , 102, 2373-9		39
1213	Inflammation and lung carcinogenesis: applying findings in prevention and treatment. 2007 , 7, 1405-21		63
1212	Yin Yang 1 enhances cyclooxygenase-2 gene expression in macrophages. 2007 , 292, L1219-26		48

1211	Immunohistochemical evaluation of cyclooxygenase expression in corneal squamous cell carcinoma in horses. 2007 , 68, 165-70	16
1210	Measurement of eicosanoids in cancer tissues. 2007 , 433, 27-50	34
1209	Thinking in and out of the box when it comes to gastric cancer and cyclooxygenase-2. 2007 , 25, 4865-7	7
1208	Selective and nonselective cyclooxygenase-2 inhibitors and experimental fracture-healing. Reversibility of effects after short-term treatment. 2007 , 89, 114-25	91
1207	Differential subcellular localization of COX-2 in macrophages phagocytosing heat-killed <i>Mycobacterium bovis</i> BCG. 2007 , 293, C184-90	8
1206	Prevention of cancer in the upper gastrointestinal tract with COX-inhibition. Still an option?. 2007 , 13, 2261-73	26
1205	Targeted therapies for non-small cell lung cancer. 2007 , 13, 2810-31	13
1204	RhoA regulation of NF-kappaB activation is mediated by COX-2-dependent feedback inhibition of IKK in kidney epithelial cells. 2007 , 293, C1160-70	9
1203	Resistance exercise and cyclooxygenase (COX) expression in human skeletal muscle: implications for COX-inhibiting drugs and protein synthesis. 2007 , 292, R2241-8	44
1202	Paracrine up-regulation of monocyte cyclooxygenase-2 by platelets: role of transforming growth factor-beta1. 2007 , 74, 270-8	12
1201	COX-2 inhibition: a possible role in the management of prostate cancer?. 2007 , 19, 21-32	18
1200	Differential activity of sulindac metabolites against squamous cell carcinoma of the head and neck is mediated by p21waf1/cip1 induction and cell cycle inhibition. 2007 , 6, 30-9	7
1199	Prevention of Alzheimer's disease. 2007 , 19, 693-706	24
1198	Quantifying intrinsic specificity: a potential complement to affinity in drug screening. 2007 , 99, 198101	41
1197	Inflammation in the Pathogenesis of Chronic Diseases. 2007 ,	4
1196	An evidence-based update on nonsteroidal anti-inflammatory drugs. 2007 , 5, 19-34	320
1195	Acrolein induces cyclooxygenase-2 and prostaglandin production in human umbilical vein endothelial cells: roles of p38 MAP kinase. 2007 , 27, 1319-25	74
1194	A novel animal model to investigate fractionated radiotherapy-induced alimentary mucositis: the role of apoptosis, p53, nuclear factor-kappaB, COX-1, and COX-2. <i>Molecular Cancer Therapeutics</i> , 2007 , 6, 2319-27	6.1 50

1193	Increase of carcinogenic risk via enhancement of cyclooxygenase-2 expression and hydroxyestradiol accumulation in human lung cells as a result of interaction between BaP and 17-beta estradiol. 2007 , 28, 1606-12		24
1192	Cyclooxygenase-2 immunoreactivity in equine ocular squamous-cell carcinoma. 2007 , 19, 436-9		14
1191	Nonsteroidal anti-inflammatory drugs induce colorectal cancer cell apoptosis by suppressing 14-3-3epsilon. 2007 , 67, 3185-91		84
1190	P-glycoprotein mediates celecoxib-induced apoptosis in multiple drug-resistant cell lines. 2007 , 67, 4915-23		57
1189	Celecoxib versus ibuprofen in the prevention of heterotopic ossification following total hip replacement: a prospective randomised trial. 2007 , 89, 155-9		60
1188	EP2 prostanoid receptor promotes squamous cell carcinoma growth through epidermal growth factor receptor transactivation and iNOS and ERK1/2 pathways. <i>FASEB Journal</i> , 2007 , 21, 2418-30	0.9	79
1187	Targeted inhibition of COX-2 expression by RNA interference suppresses tumor growth and potentiates chemosensitivity to cisplatin in human gastric cancer cells. 2007 ,		4
1186	Update on the clinical pharmacology of etoricoxib, a potent cyclooxygenase-2 inhibitor. 2007 , 2, 545-565		3
1185	Effects of topical antiglaucoma medications on corneal epithelium as evaluated by gene expression patterns. 2007 , 26, S46-54		5
1184	Progesterone metabolism in bovine endometrial cells and the effect of metabolites on the responsiveness of the cells to OT-stimulation of PGF2alpha. 2007 , 72, 843-50		2
1183	Regulation of intracellular cyclooxygenase levels by gene transcription and protein degradation. 2007 , 46, 108-25		239
1182	Selective inhibition of cyclooxygenase-2 exacerbates methamphetamine-induced dopamine depletion in the striatum in rats. 2007 , 150, 950-8		16
1181	Cyclooxygenase-2 (cox-2) and the inflammogenesis of cancer. 2007 , 42, 93-126		134
1180	Signal transduction pathways for epidermal growth factor stimulated cyclooxygenase-2 induction in astrocytes. 2007 , 85, 280-8		23
1179	Linoleic acid-induced expression of inducible nitric oxide synthase and cyclooxygenase II via p42/44 mitogen-activated protein kinase and nuclear factor-kappaB pathway in retinal pigment epithelial cells. 2007 , 85, 667-77		24
1178	Supernatant of bacterial fermented soybean induces apoptosis of human hepatocellular carcinoma Hep 3B cells via activation of caspase 8 and mitochondria. 2007 , 45, 303-14		24
1177	Anti-inflammatory effects of a triterpenoid isolated from <i>Wilbrandia ebracteata</i> Cogn. 2007 , 80, 1382-7		32
1176	Effects of naturally occurring dihydroflavonols from <i>Inula viscosa</i> on inflammation and enzymes involved in the arachidonic acid metabolism. 2007 , 81, 480-8		53

1175	In vivo pharmacokinetics and in vitro pharmacodynamics of nepafenac, amfenac, ketorolac, and bromfenac. 2007 , 33, 1539-45	81
1174	Apoptosis of murine lupus T cells induced by the selective cyclooxygenase-2 inhibitor celecoxib: molecular mechanisms and therapeutic potential. 2007 , 7, 1414-21	4
1173	Sulforaphane suppresses lipopolysaccharide-induced cyclooxygenase-2 (COX-2) expression through the modulation of multiple targets in COX-2 gene promoter. 2007 , 7, 1776-83	73
1172	Triptolide impairs dendritic cell migration by inhibiting CCR7 and COX-2 expression through PI3-K/Akt and NF-kappaB pathways. 2007 , 44, 2686-96	59
1171	Immunomodulatory effect of selective serotonin reuptake inhibitors (SSRIs) on human T lymphocyte function and gene expression. 2007 , 17, 774-80	76
1170	Effects of parecoxib and dipyron on platelet aggregation in patients undergoing meniscectomy: a double-blind, randomized, parallel-group study. 2007 , 29, 438-47	38
1169	COX-2 expression predicts prostate-cancer outcome: analysis of data from the RTOG 92-02 trial. 2007 , 8, 912-20	88
1168	A comparison of the effectiveness of selected non-steroidal anti-inflammatory drugs and their derivatives against cancer cells in vitro. 2008 , 61, 203-14	27
1167	Regulation of COX-2 Expression in Canine Prostate Carcinoma: Increased COX-2 Expression is Not Related to Inflammation. 2007 , 21, 776-782	19
1166	Clinical Pharmacology. 2007 , 1-36	1
1165	Regulation of Cox-2 by cyclic AMP response element binding protein in prostate cancer: potential role for nexrutine. 2007 , 9, 893-9	40
1164	Alzheimer's disease and genetics of inflammation: a pharmacogenomic vision. 2007 , 8, 1735-45	40
1163	Kaposi's sarcoma associated herpesvirus G-protein coupled receptor activation of cyclooxygenase-2 in vascular endothelial cells. 2007 , 4, 87	17
1162	NSAIDs for the chemoprevention of Alzheimer's disease. 2007 , 42, 229-48	37
1161	Upregulation of cyclooxygenase-2 by motorcycle exhaust particulate-induced reactive oxygen species enhances rat vascular smooth muscle cell proliferation. 2007 , 20, 1170-6	17
1160	Desmethyl derivatives of indomethacin and sulindac as probes for cyclooxygenase-dependent biology. <i>ACS Chemical Biology</i> , 2007 , 2, 479-83	4.9 20
1159	Myricetin down-regulates phorbol ester-induced cyclooxygenase-2 expression in mouse epidermal cells by blocking activation of nuclear factor kappa B. 2007 , 55, 9678-84	27
1158	Celecoxib toxicity is cell cycle phase specific. 2007 , 67, 3801-8	33

- 1157 [Cyclooxygenase 2 and colorectal cancer: therapeutic implications]. **2007**, 30, 280-4
- 1156 Epithelial to mesenchymal transition and peritoneal membrane failure in peritoneal dialysis patients: pathologic significance and potential therapeutic interventions. **2007**, 18, 2004-13 266
- 1155 Activation of Macrophages by the Components Produced from *Cordyceps militaris*. **2007**, 7, 57
- 1154 Lumiracoxib: the evidence of its clinical impact on the treatment of osteoarthritis. **2007**, Volume 2, 0-0
- 1153 In vitro scavenging activity for reactive oxygen species by N-substituted indole-2-carboxylic acid esters. **2007**, 22, 379-86 25
- 1152 Selective cyclooxygenase-2 inhibitor downregulates the paracrine epithelial-mesenchymal interactions of growth in scirrhous gastric carcinoma. **2007**, 120, 686-93 14
- 1151 Nonsteroidal antiinflammatory drug use and risk of bladder cancer in the health professionals follow-up study. **2007**, 120, 2221-5 19
- 1150 Inflammation and cancer: an ancient link with novel potentials. **2007**, 121, 2373-80 778
- 1149 Stromal biology of pancreatic cancer. **2007**, 101, 887-907 246
- 1148 Radiotherapy response in oral squamous carcinoma cell lines: evaluation of apoptotic proteins as prognostic factors. **2007**, 29, 325-34 16
- 1147 Synthesis, characterisation, and biological studies of CdTe quantum dot-naproxen conjugates. **2007**, 2, 183-6 25
- 1146 The membrane protein of SARS-CoV suppresses NF-kappaB activation. **2007**, 79, 1431-9 55
- 1145 Biological characteristics of cancers in the gallbladder and biliary tract and targeted therapy. **2007**, 61, 44-51 35
- 1144 Evaluation of the anti-inflammatory and anti-nociceptive activities of novel synthesized melatonin analogues. **2007**, 42, 1285-92 53
- 1143 Anti-inflammatory property of the urinary metabolites of nobiletin in mouse. **2007**, 17, 5177-81 117
- 1142 Enhancement of glioblastoma radioresponse by a selective COX-2 inhibitor celecoxib: inhibition of tumor angiogenesis with extensive tumor necrosis. **2007**, 67, 888-96 65
- 1141 Association of prostaglandin-endoperoxide synthase 2 gene polymorphisms with asthma and atopy in Chinese children. **2007**, 62, 802-9 14
- 1140 Effect of chronic lithium administration on endothelium-dependent relaxation of rat corpus cavernosum: the role of nitric oxide and cyclooxygenase pathways. **2007**, 99, 177-82 22

1139	Lipopolysaccharide desensitizes monocytes-macrophages to CD40 ligand stimulation. 2007 , 122, 362-70	15
1138	The role of apoptosis in therapy and prophylaxis of epithelial tumours by nonsteroidal anti-inflammatory drugs (NSAIDs). 2007 , 156 Suppl 3, 25-33	69
1137	Cyclooxygenase-1 inhibition delays recovery of the cutaneous barrier disruption caused by mechanical scratching in mice. 2007 , 156, 1178-87	6
1136	Effects of long-term cyclo-oxygenase 2 selective and acid inhibition on Barrett's oesophagus. 2007 , 26, 913-23	13
1135	COX-2 oxidative metabolite of endocannabinoid 2-AG enhances excitatory glutamatergic synaptic transmission and induces neurotoxicity. 2007 , 102, 1966-1977	68
1134	Expression of cyclooxygenase-2, c-kit, progesterone and estrogen receptors in uterine smooth muscle tumors: differential diagnosis. 2007 , 115, 726-35	8
1133	Cyclooxygenase-2 Gene-765 single nucleotide polymorphism as a protective factor against periodontitis in Taiwanese. 2008 , 35, 1-8	24
1132	Mechanisms for prostaglandin E2 formation caused by proteinase-activated receptor-1 activation in rat gastric mucosal epithelial cells. 2007 , 73, 103-14	18
1131	Indomethacin induces apoptosis in 786-O renal cell carcinoma cells by activating mitogen-activated protein kinases and AKT. 2007 , 563, 49-60	50
1130	Interaction between iNOS and COX-2 in hypoxia-induced retinal neovascularization in mice. 2007 , 38, 807-15	19
1129	Inflammatory networks in ageing, age-related diseases and longevity. 2007 , 128, 83-91	374
1128	Expression of Cox-1 and Cox-2 in canine mammary tumours. 2007 , 136, 177-85	45
1127	Inflammatory processes in Alzheimer's disease. 2007 , 184, 69-91	575
1126	Jaceosidin, a pharmacologically active flavone derived from <i>Artemisia argyi</i> , inhibits phorbol-ester-induced upregulation of COX-2 and MMP-9 by blocking phosphorylation of ERK-1 and -2 in cultured human mammary epithelial cells. 2007 , 1095, 458-66	34
1125	Peonidin inhibits phorbol-ester-induced COX-2 expression and transformation in JB6 P+ cells by blocking phosphorylation of ERK-1 and -2. 2007 , 1095, 513-20	19
1124	Regulation of COX-2 mediates acid-induced bone calcium efflux in vitro. 2007 , 22, 907-17	37
1123	A novel natural compound, a cycloanthranilylproline derivative (Fuligocandin B), sensitizes leukemia cells to apoptosis induced by tumor necrosis factor related apoptosis-inducing ligand (TRAIL) through 15-deoxy-Delta 12, 14 prostaglandin J2 production. 2007 , 110, 1664-74	51
1122	Cyclooxygenase-2 Gene Expression. 2006 , 197-218	0

1121	Anti-inflammatory mechanisms of apigenin: inhibition of cyclooxygenase-2 expression, adhesion of monocytes to human umbilical vein endothelial cells, and expression of cellular adhesion molecules. 2007 , 30, 1318-27	125
1120	Cyclooxygenase-2 expression in astrocytomas. Relationship with microvascular parameters, angiogenic factors expression and survival. 2007 , 295, 75-83	26
1119	Prostaglandin E2 enhances mitogen-activated protein kinase/Erk pathway in human cholangiocarcinoma cells: involvement of EP1 receptor, calcium and EGF receptors signaling. 2007 , 305, 19-26	31
1118	The anti-cancer effect of COX-2 inhibitors on gastric cancer cells. 2007 , 52, 1713-21	35
1117	Chemopreventive effect of celecoxib in gastric cancer. 2007 , 15, 1-4	22
1116	Cyclooxygenases, prostanoids, and tumor progression. 2007 , 26, 525-34	264
1115	Non-steroidal anti-inflammatory drugs to potentiate chemotherapy effects: from lab to clinic. 2007 , 61, 52-69	132
1114	Cyclooxygenase inhibitors down regulate P-glycoprotein in human colorectal Caco-2 cell line. 2008 , 25, 1991-2001	43
1113	shRNA-targeted cyclooxygenase (COX)-2 inhibits proliferation, reduces invasion and enhances chemosensitivity in laryngeal carcinoma cells. 2008 , 317, 179-88	21
1112	Cyclooxygenase-2 expression: does it have a probable role in tumorigenesis mechanisms of renal cell carcinoma?. 2008 , 40, 295-301	10
1111	Regulatory T cells in colorectal cancer patients suppress anti-tumor immune activity in a COX-2 dependent manner. 2008 , 57, 813-21	107
1110	Celecoxib inhibits growth of tumors in a syngeneic rat liver metastases model for colorectal cancer. 2008 , 62, 811-9	14
1109	The roles of prostanoids in infection and sickness behaviors. 2008 , 14, 270-8	16
1108	The role of COX-2 in rectal cancer treated with preoperative radiotherapy. 2008 , 452, 499-505	8
1107	Toxoplasma gondii induces prostaglandin E2 synthesis in macrophages via signal pathways for calcium-dependent arachidonic acid production and PKC-dependent induction of cyclooxygenase-2. 2008 , 102, 1043-50	13
1106	Functional polymorphism of the promoter region of the prostacyclin synthase gene and severity of RSV infection in hospitalized children. 2008 , 80, 2015-22	7
1105	6-Shogaol suppressed lipopolysaccharide-induced up-expression of iNOS and COX-2 in murine macrophages. 2008 , 52, 1467-77	135
1104	p38/NF- κ B-dependent expression of COX-2 during differentiation and inflammatory response of chondrocytes. 2008 , 104, 1393-406	95

1103	Resveratrol causes COX-2- and p53-dependent apoptosis in head and neck squamous cell cancer cells. 2008 , 104, 2131-42	61
1102	Modulation of cyclooxygenase in endothelial cells by fibronectin: relevance to angiogenesis. 2008 , 105, 158-66	13
1101	Ang II and EGF synergistically induce COX-2 expression via CREB in intestinal epithelial cells. 2008 , 214, 96-109	32
1100	Prostaglandin E2 upregulates EGF-stimulated signaling in mitogenic pathways involving Akt and ERK in hepatocytes. 2008 , 214, 371-80	44
1099	Vitamin C suppresses proliferation of the human melanoma cell SK-MEL-2 through the inhibition of cyclooxygenase-2 (COX-2) expression and the modulation of insulin-like growth factor II (IGF-II) production. 2008 , 216, 180-8	40
1098	Predominance of cyclooxygenase 1 over cyclooxygenase 2 in the generation of proinflammatory prostaglandins in autoantibody-driven K/BxN serum-transfer arthritis. 2008 , 58, 1354-65	57
1097	Safety, efficacy and anti-inflammatory activity of rho iso-alpha-acids from hops. 2008 , 69, 1534-47	40
1096	Pseudohypericin is necessary for the light-activated inhibition of prostaglandin E2 pathways by a 4 component system mimicking an Hypericum perforatum fraction. 2008 , 69, 2354-62	16
1095	Modulation of enzymatic activities by n-3 polyunsaturated fatty acids to support cardiovascular health. 2008 , 19, 417-37	80
1094	Inflammation in lung carcinogenesis: new targets for lung cancer chemoprevention and treatment. 2008 , 66, 208-17	102
1093	4-thiazolidinone--a biologically active scaffold. 2008 , 43, 897-905	320
1092	Monoglycerides from the brown alga Sargassum sagamianum: Isolation, synthesis, and biological activity. 2008 , 18, 3589-92	30
1091	Acrolein induces inflammatory response underlying endothelial dysfunction: a risk factor for atherosclerosis. 2008 , 1126, 185-9	49
1090	An evidence-based update of the use of analgesics in dentistry. 2008 , 46, 143-64	28
1089	NF-kappaB signaling, liver disease and hepatoprotective agents. 2008 , 27, 6228-44	227
1088	Translation regulatory factor RBM3 is a proto-oncogene that prevents mitotic catastrophe. 2008 , 27, 4544-56	95
1087	Prostaglandin E2 stimulates Fas ligand expression via the EP1 receptor in colon cancer cells. 2008 , 99, 502-12	28
1086	Celecoxib modulates adhesion of HT29 colon cancer cells to vascular endothelial cells by inhibiting ICAM-1 and VCAM-1 expression. 2008 , 153, 1153-61	20

1085	Convergence of genetic, nutritional and inflammatory factors in gastrointestinal cancers. 2007 , 65, S157-66	18
1084	Post-operative oral surgery pain: a review. 2008 , 1, 167-177	5
1083	Triptolide inhibits COX-2 expression and PGE2 release by suppressing the activity of NF-kappaB and JNK in LPS-treated microglia. 2008 , 107, 779-88	78
1082	Expression of cyclooxygenase-2 by equine ocular and adnexal squamous cell carcinomas. 2008 , 11 Suppl 1, 8-14	17
1081	Genetic polymorphisms of cyclooxygenase-2 and colorectal adenoma risk: the Self Defense Forces Health Study. 2008 , 99, 576-81	19
1080	Cyclooxygenase-2 gene polymorphisms in an Australian population: association of the -1195G > A promoter polymorphism with mild asthma. 2008 , 38, 913-20	19
1079	Prostaglandin E2 and Krüppel-like transcription factors synergistically induce the expression of decay-accelerating factor in intestinal epithelial cells. 2008 , 125, 397-407	11
1078	Cyclooxygenase-2-dependent and -independent inhibition of proliferation of colon cancer cells by 5-aminosalicylic acid. 2008 , 75, 668-76	66
1077	Roles of ERK and p38 mitogen-activated protein kinases in phorbol ester-induced NF-kappaB activation and COX-2 expression in human breast epithelial cells. 2008 , 171, 133-41	29
1076	Glucocorticoids shift arachidonic acid metabolism toward endocannabinoid synthesis: a non-genomic anti-inflammatory switch. 2008 , 583, 322-39	59
1075	Aurothiomalate inhibits COX-2 expression in chondrocytes and in human cartilage possibly through its effects on COX-2 mRNA stability. 2008 , 587, 309-16	12
1074	Overexpression of COX-2 and LMP1 are correlated with lymph node in Tunisian NPC patients. 2008 , 44, 710-5	10
1073	Cyclooxygenase and prostaglandin synthases in atherosclerosis: recent insights and future perspectives. 2008 , 118, 161-80	89
1072	Early stress response of human nasal respiratory epithelia after exposure to 1-methoxypropanol-2. 2008 , 177, 138-43	5
1071	Gastrin-mediated interleukin-8 and cyclooxygenase-2 gene expression: differential transcriptional and posttranscriptional mechanisms. 2008 , 134, 1070-82	52
1070	Cyclooxygenase products and atherosclerosis. 2008 , 5, 25-36	16
1069	Crosstalk between calcium and redox signaling: from molecular mechanisms to health implications. 2008 , 10, 1275-312	148
1068	Physiological regulation of prostaglandins in the kidney. 2008 , 70, 357-77	206

1067	Eicosanoids and Resistance of Cancer Cells to Chemotherapeutic Agents. 2008 , 133-156	
1066	Sensitization of Cancer Cells for Chemo/Immuno/Radio-therapy. 2008 ,	2
1065	Antiinflammatory effects of Bu-zhong-yi-qi-tang in patients with perennial allergic rhinitis. 2008 , 115, 104-9	45
1064	Overexpression of COX-2 gene in oral cancer is independent of stage of disease and degree of differentiation. 2008 , 37, 379-83	35
1063	A pinusolide derivative, 15-methoxypinusolidic acid from <i>Biota orientalis</i> inhibits inducible nitric oxide synthase in microglial cells: implication for a potential anti-inflammatory effect. 2008 , 8, 548-55	23
1062	Loss of 15-hydroxyprostaglandin dehydrogenase expression disrupts urothelial differentiation. 2008 , 71, 346-50	6
1061	Forced COX-2 expression induces PGE(2) and invasion in immortalized urothelial cells. 2008 , 26, 641-5	19
1060	Prothrombotic effect of Rofecoxib in a murine venous thrombosis model. 2008 , 122, 668-73	5
1059	Pro-inflammatory prostaglandins and progression of colorectal cancer. 2008 , 267, 197-203	79
1058	Expression of cyclooxygenase-2 and vascular endothelial growth factor in ovarian endometriotic cysts and their relationship with angiogenesis. 2008 , 90, 988-93	25
1057	COX-2 promoter activation by AT1R-Gq-PAK-p38beta signaling in intestinal epithelial cells. 2008 , 1779, 408-13	11
1056	COX-2 mediates hepatitis B virus X protein abrogation of p53-induced apoptosis. 2008 , 374, 175-80	33
1055	Pain management for the pregnant, lactating, and neonatal to pediatric cat and dog. 2008 , 38, 1291-308, vi-vii	23
1054	Anti-metastatic action of non-steroidal anti-inflammatory drugs. 2008 , 24, 392-7	10
1053	Cardiovascular events associated with rofecoxib: final analysis of the APPROVe trial. 2008 , 372, 1756-64	173
1052	Effect of selective cyclooxygenase-2 inhibitor meloxicam on liver fibrosis in rats with ligated common bile ducts. 2008 , 38, 800-9	24
1051	Pterostilbene suppressed lipopolysaccharide-induced up-expression of iNOS and COX-2 in murine macrophages. 2008 , 56, 7502-9	81
1050	E series of prostaglandin receptor 2-mediated activation of extracellular signal-regulated kinase/activator protein-1 signaling is required for the mitogenic action of prostaglandin E2 in esophageal squamous-cell carcinoma. 2008 , 327, 258-67	25

1049	Endocannabinoid 2-arachidonoylglycerol protects neurons by limiting COX-2 elevation. 2008 , 283, 22601-11	85
1048	GPx2 counteracts PGE2 production by dampening COX-2 and mPGES-1 expression in human colon cancer cells. 2008 , 10, 1491-500	59
1047	Ectopic expression of cyclooxygenase-2-induced dedifferentiation in articular chondrocytes. 2008 , 40, 721-7	9
1046	Delphinidin attenuates neoplastic transformation in JB6 Cl41 mouse epidermal cells by blocking Raf/mitogen-activated protein kinase kinase/extracellular signal-regulated kinase signaling. 2008 , 1, 522-31	41
1045	Platelet-type 12-lipoxygenase accelerates tumor promotion of mouse epidermal cells through enhancement of cloning efficiency. 2008 , 29, 440-7	23
1044	LPS-activated monocytes suppress T-cell immune responses and induce FOXP3+ T cells through a COX-2-PGE2-dependent mechanism. 2008 , 20, 235-45	65
1043	17-Beta estradiol and hydroxyestradiols interact via the NF-kappa B pathway to elevate cyclooxygenase 2 expression and prostaglandin E2 secretion in human bronchial epithelial cells. 2008 , 104, 294-302	10
1042	Suppression of cytokine responses by indomethacin in podocytes: a mechanism through induction of unfolded protein response. 2008 , 295, F1495-503	37
1041	Ligand activation of peroxisome proliferator-activated receptor-beta/delta (PPARbeta/delta) and inhibition of cyclooxygenase 2 (COX2) attenuate colon carcinogenesis through independent signaling mechanisms. 2008 , 29, 169-76	60
1040	Prognostic significance of cyclooxygenase-2 overexpression in glottic cancer. 2008 , 14, 67-73	22
1039	Reduced cardiac remodeling and function in cardiac-specific EP4 receptor knockout mice with myocardial infarction. 2008 , 51, 560-6	44
1038	Long-chain carboxychromanols, metabolites of vitamin E, are potent inhibitors of cyclooxygenases. 2008 , 105, 20464-9	139
1037	Negative effect of parecoxib on bone mineral during fracture healing in rats. 2008 , 79, 438-44	32
1036	Variation in lipid-associated genes as they relate to risk of advanced age-related macular degeneration. 2009 , 99, 105-158	11
1035	Nepafenac dosing frequency for ocular pain and inflammation associated with cataract surgery. 2008 , 24, 593-9	12
1034	Anti-inflammatory and immunomodulatory properties of 2-amino-3H-phenoxazin-3-one. 2008 , 31, 1938-45	37
1033	Anti-inflammatory activity of prosapogenin methyl ester of platycodin D via nuclear factor-kappaB pathway inhibition. 2008 , 31, 2114-20	50
1032	Actions of a nitric oxide donor on prostaglandin production and angiogenic activity in the equine endometrium. 2008 , 20, 674-83	25

1031	Pro-inflammatory gene variants in myocardial infarction and longevity: implications for pharmacogenomics. 2008 , 14, 2678-85	23
1030	Effects of Cyclooxygenase Inhibitors on Apoptotic Neuroretinal Cells. 2008 , 3, 387-402	11
1029	Inflammation, epithelial to mesenchymal transition, and epidermal growth factor receptor tyrosine kinase inhibitor resistance. 2008 , 3, 107-10	46
1028	Compositions for treatment of cancer and inflammation. 2008 , 3, 55-62	12
1027	Role of linoleic Acid hydroperoxide preformed by cyclooxygenase-1 or -2 on the regulation of prostaglandin formation from arachidonic Acid by the respective enzyme. 2008 , 43, 65-8	4
1026	The Role of PPARgamma in the Cyclooxygenase Pathway in Lung Cancer. 2008 , 2008, 790568	24
1025	Steroidal anti inflammatory drug betamethasone significantly alters level of striatal dopamine in a rat model of Parkinson's disease. 2008 ,	
1024	The roles of prostanoids in inflammation, allergy, and immunity. 2008 , 28, 423-433	4
1023	Anti-Inflammatory Properties of Acetylcholinesterase Inhibitors Administered in Alzheimers Disease. 2009 , 8, 85-100	7
1022	CD47 regulates collagen I-induced cyclooxygenase-2 expression and intestinal epithelial cell migration. 2009 , 4, e6371	21
1021	A dual regulatory role of apurinic/apyrimidinic endonuclease 1/redox factor-1 in HMGB1-induced inflammatory responses. 2009 , 11, 575-88	23
1020	Cyclo-oxygenase-2 -765G > C promoter variants are associated with lower carotid plaque echogenicity in Japanese. 2009 , 27, 91-8	7
1019	Delphinidin suppresses ultraviolet B-induced cyclooxygenases-2 expression through inhibition of MAPKK4 and PI-3 kinase. 2009 , 30, 1932-40	83
1018	Cross-talk between inducible nitric oxide synthase and cyclooxygenase in Helicobacter-pylori-induced gastritis. 2009 , 18, 477-81	6
1017	Adenovirus-mediated suicide gene therapy under the control of Cox-2 promoter for colorectal cancer. 2009 , 8, 1480-8	20
1016	Inhibition of prostaglandin synthesis and actions contributes to the beneficial effects of calcitriol in prostate cancer. 2009 , 1, 7-11	12
1015	Overexpression of lecithin:retinol acyltransferase in the epithelial basal layer makes mice more sensitive to oral cavity carcinogenesis induced by a carcinogen. 2009 , 8, 1212-3	12
1014	Nicotine augments glomerular injury in a rat model of acute nephritis. 2009 , 29, 319-26	44

1013	Use of serial laminar tissue collection via biopsy in conscious healthy horses. 2009 , 70, 697-702		9
1012	Glucocorticoid-regulated crosstalk between arachidonic acid and endocannabinoid biochemical pathways coordinates cognitive-, neuroimmune-, and energy homeostasis-related adaptations to stress. 2009 , 81, 263-313		14
1011	Defective histone acetylation is responsible for the diminished expression of cyclooxygenase 2 in idiopathic pulmonary fibrosis. 2009 , 29, 4325-39		140
1010	Survival effects of cyclooxygenase-2 and 12-lipoxygenase in Egyptian women with operable breast cancer. 2009 , 46, 54-60		8
1009	COX-2 inhibitor reduces skeletal muscle hypertrophy in mice. 2009 , 296, R1132-9		59
1008	Prostaglandin F2alpha stimulates 11Beta-hydroxysteroid dehydrogenase 1 enzyme bioactivity and protein expression in bovine endometrial stromal cells. 2009 , 80, 657-64		17
1007	Prognostic significance of VEGF-C expression in correlation with COX-2, lymphatic microvessel density, and clinicopathologic characteristics in human non-small cell lung cancer. 2009 , 41, 217-22		20
1006	Cyclooxygenase-2 polymorphisms, aspirin treatment, and risk for colorectal adenoma recurrence--data from a randomized clinical trial. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2009 , 18, 2726-33	4	39
1005	Actinic cheilitis: epithelial expression of COX-2 and its association with mast cell tryptase and PAR-2. 2009 , 45, 284-90		11
1004	Relative efficacies of omega-3 polyunsaturated fatty acids in reducing expression of key proteins in a model system for studying osteoarthritis. 2009 , 17, 896-905		101
1003	In vitro analysis of inflammatory responses following environmental exposure to pharmaceuticals and inland waters. 2009 , 407, 1452-60		22
1002	Cyclooxygenase-2 mediates hydrogen peroxide-induced wound repair in human endothelial cells. 2009 , 46, 1428-36		39
1001	Inhibition of prostaglandin synthesis and actions by genistein in human prostate cancer cells and by soy isoflavones in prostate cancer patients. 2009 , 124, 2050-9		50
1000	Involvement of prostaglandins and histamine in nickel wire-induced acute inflammation in mice. 2010 , 93, 1306-11		3
999	Caveolin-1 facilitates cyclooxygenase-2 protein degradation. 2010 , 109, 356-62		26
998	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
997	Differential inhibitory effects of inotilone on inflammatory mediators, inducible nitric oxide synthase and cyclooxygenase-2, in LPS-stimulated murine macrophage. 2009 , 53, 1386-95		15
996	Establishment and characterization of a novel human malignant peripheral nerve sheath tumor cell line, FMS-1, that overexpresses epidermal growth factor receptor and cyclooxygenase-2. 2009 , 455, 517-26		11

995	Gene expression profiling of human mesenchymal stem cells chemotactically induced with CXCL12. 2009 , 336, 225-36	34
994	Cyclooxygenase-2 (cox-2) blockade in the chemoprevention of cancers of the colon, breast, prostate, and lung. 2009 , 17, 55-67	257
993	COX-1 is coupled with mPGES-1 and ABCC4 in human cervix cancer cells. 2009 , 330, 131-40	16
992	Inhibition of cyclooxygenase-2 suppresses the invasiveness of oral squamous cell carcinoma cell lines via down-regulation of matrix metalloproteinase-2 production and activation. 2009 , 26, 425-32	36
991	Parecoxib and indomethacin delay early fracture healing: a study in rats. 2009 , 467, 1992-9	38
990	Interleukin-6 induces prostaglandin E(2) synthesis in mouse astrocytes. 2009 , 39, 175-84	22
989	Effects of a cyclooxygenase-1-selective inhibitor in a mouse model of ovarian cancer, administered alone or in combination with ibuprofen, a nonselective cyclooxygenase inhibitor. 2009 , 26, 170-7	14
988	Exacerbation of inflammatory bowel diseases associated with the use of nonsteroidal anti-inflammatory drugs: myth or reality?. 2009 , 65, 963-70	94
987	Prognostic significance of tumor iNOS and COX-2 in stage III malignant cutaneous melanoma. 2009 , 58, 1085-94	41
986	Polymorphisms of pro-inflammatory genes and prostate cancer risk: a pharmacogenomic approach. 2009 , 58, 1919-33	36
985	Increased cyclooxygenase activity impairs apoptosis of inflammatory neutrophils in mice lacking gelatinase B/matrix metalloproteinase-9. 2009 , 128, e262-74	6
984	Possible involvement of microglia containing cyclooxygenase-1 in the accumulation of gonadotrophin-releasing hormone in the preoptic area in female rats. 2009 , 21, 1029-37	6
983	Effect of naproxen on the hypothalamic-pituitary-adrenal axis in healthy volunteers. 2009 , 67, 22-8	6
982	The human antimicrobial peptide LL-37 suppresses apoptosis in keratinocytes. 2009 , 129, 937-44	63
981	Effects of CAY10404 on the PKB/Akt and MAPK pathway and apoptosis in non-small cell lung cancer cells. 2009 , 14, 850-8	5
980	Inhibition of inducible NO synthase, cyclooxygenase-2 and interleukin-1beta by torilin is mediated by mitogen-activated protein kinases in microglial BV2 cells. 2009 , 156, 933-40	104
979	Urocortin promotes the development of vasculitis in a rat model of thromboangiitis obliterans via corticotrophin-releasing factor type 1 receptors. 2009 , 157, 1368-79	24
978	Urocortin induced expression of COX-2 and ICAM-1 via corticotrophin-releasing factor type 2 receptor in rat aortic endothelial cells. 2009 , 158, 819-29	22

977	Benzophenone-N-ethyl piperidine ether analogues--synthesis and efficacy as anti-inflammatory agent. 2009 , 19, 1887-91	47
976	Anti-inflammatory effect of Momordica grosvenori Swingle extract through suppressed LPS-induced upregulation of iNOS and COX-2 in murine macrophages. 2009 , 1, 145-152	38
975	Altered apoptosis of inflammatory neutrophils in MMP-9-deficient mice is due to lower expression and activity of caspase-3. 2009 , 126, 73-82	16
974	Design and synthesis of ten biphenyl-neolignan derivatives and their in vitro inhibitory potency against cyclooxygenase-1/2 activity and 5-lipoxygenase-mediated LTB4-formation. 2009 , 17, 4459-65	29
973	Parthenolide inhibits proliferation of vascular smooth muscle cells through induction of G0/G1 phase cell cycle arrest. 2009 , 10, 528-35	13
972	Immunologic Mechanisms in Lung Carcinogenesis and Metastasis. 2009 , 111-134	
971	Characterization of an AM404 analogue, N-(3-hydroxyphenyl)arachidonoylamide, as a substrate and inactivator of prostaglandin endoperoxide synthase. 2009 , 48, 12233-41	4
970	Cyclooxygenases: structural and functional insights. 2009 , 50 Suppl, S29-34	394
969	Eviprostat suppresses proinflammatory gene expression in the prostate of rats with partial bladder-outlet obstruction: a genome-wide DNA microarray analysis. 2009 , 47, 185-93	20
968	Acetylsalicylic acid regulates MMP-2 activity and inhibits colorectal invasion of murine B16F0 melanoma cells in C57BL/6J mice: effects of prostaglandin F(2)alpha. 2009 , 63, 522-7	15
967	Gastric and small bowel ileus after severe burn in rats: the effect of cyclooxygenase-2 inhibitors. 2009 , 35, 1180-4	19
966	Metastatic-promoting effects of LPS: sexual dimorphism and mediation by catecholamines and prostaglandins. 2009 , 23, 611-21	20
965	Indomethacin causes renal epithelial cell injury involving Mcl-1 down-regulation. 2009 , 380, 531-6	10
964	COX-2 as a novel target of CRF family peptides' participating in inflammation. 2009 , 382, 483-5	10
963	Expression of cyclooxygenase-2 in the canine lower urinary tract with regard to the effects of gonadal status and gender. 2009 , 71, 1276-88	15
962	Cellular signals involved in cyclooxygenase-2 expression induced by human cytomegalovirus. 2009 , 146, 89-96	12
961	Field treatment of actinic keratoses - focus on COX-2-inhibitors. 2009 , 100 Suppl 2, 55-8	5
960	Localization of COX-1 and COX-2 in the intracranial dura mater of the rat. 2009 , 452, 33-6	16

959	Encyclopedia of Cancer. 2008 , 544-544	
958	Mango Bioactive Compounds and Related Nutraceutical Properties: A Review. 2009 , 25, 346-370	95
957	Biphasic, bidirectional regulation of NF-kappaB by endoplasmic reticulum stress. 2009 , 11, 2353-64	52
956	Selective cyclooxygenase-2 inhibition reduces endothelial dysfunction and improves inflammatory status in patients with intermittent claudication. 2009 , 62, 851-7	5
955	Vasodilator factors in the systemic and local adaptations to pregnancy. 2009 , 7, 79	79
954	Encyclopedia of Cancer. 2008 , 540-540	
953	Encyclopedia of Cancer. 2008 , 2043-2043	
952	Cyclooxygenase-2 in cancer and angiogenesis. 2009 , 60, 242-53	60
951	Encyclopedia of Cancer. 2008 , 526-526	
950	COX-2 inhibitors are contraindicated for treatment of combined injury. 2009 , 172, 686-97	16
949	Propofol suppresses prostaglandin E(2) production in human peripheral monocytes. 2009 , 31, 117-26	15
948	La inhibici3n selectiva de la ciclooxygenasa-2 mejora la disfunci3n endotelial y disminuye el estado inflamatorio en pacientes claudicantes. 2009 , 62, 851-857	9
947	Ketorolac tromethamine transdermal gel: development, in vitro and in vivo evaluation. 2009 , 23, 26-34	3
946	COX-2 expression during 4-nitroquinoline 1-oxide induced rat tongue carcinogenesis. 2009 , 2, 9-14	2
945	Cyclooxygenase polymorphisms in gastric and colorectal carcinogenesis: are conclusive results available?. 2009 , 21, 76-91	34
944	Expression of cyclooxygenase-2 in choroidal neovascular membranes from age-related macular degeneration patients. 2009 , 29, 176-80	34
943	Nonsteroidal antiinflammatory drugs and cyclooxygenase inhibition in the gastrointestinal tract: a trip from peptic ulcer to colon cancer. 2009 , 338, 96-106	62
942	Proteins and single nucleotide polymorphisms involved in apoptosis, growth control, and DNA repair predict cisplatin sensitivity in head and neck cancer cell lines. 2009 , 24, 549-56	18

941	Molecular basis of traditional Chinese medicine in cancer chemoprevention. 2010 , 7, 67-75	63
940	Non-steroidal anti-inflammatory drugs and Alzheimer's disease: the epidemiological evidence. 2010 , 9, 132-9	84
939	Modulation of inflammatory changes in early stages of colon cancer through activation of PPARgamma by diclofenac. 2010 , 19, 319-27	15
938	NSAIDs in combination therapy for the treatment of chronic pseudophakic cystoid macular edema. 2010 , 30, 260-6	62
937	Cafeteria diet increases prostaglandin E2 levels in rat prostate, kidney and testis. 2010 , 23, 1073-8	9
936	Tumor-infiltrating Foxp3+ regulatory T cells are correlated with cyclooxygenase-2 expression and are associated with recurrence in resected non-small cell lung cancer. 2010 , 5, 585-90	184
935	Pathogenic Role of Cyclooxygenase-2 in Cancer. 2010 , 56, 502-516	7
934	TGF-beta1 reverses inhibition of COX-2 with NS398 and increases invasion in prostate cancer cells. 2010 , 339, 425-32	5
933	VEGF and TNF up-regulate, NSAID down-regulate SOX18 protein level in HUVEC. 2010 , 5, 427-434	1
932	Effect of a potent cyclooxygenase inhibitor, 5-ethyl-4-methoxy-2-phenylquinoline (KTC-5), on human platelets. 2002 , 54, 967-74	2
931	Functional aspects of redox control during neuroinflammation. 2010 , 13, 193-247	49
930	Medical and physical predictors of localized provoked vulvodynia. 2010 , 89, 1504-10	39
929	Hospitalization for osteoarthritis and prostate cancer specific mortality among Swedish men with prostate cancer. 2010 , 34, 644-7	1
928	Endothelial dysfunction: a strategic target in the treatment of hypertension?. 2010 , 459, 995-1004	124
927	Neuroinflammatory processes in Alzheimer's disease. 2010 , 117, 919-47	321
926	The role of NF-B and PPAR γ in experimentally induced colorectal cancer and chemoprevention by cyclooxygenase-2 inhibitors. 2010 , 31, 427-36	31
925	Antihypertensive effects of aspirin: what is the evidence?. 2010 , 12, 282-9	18
924	Pooled analysis of the association of PTGS2 rs5275 polymorphism and NSAID use with invasive ovarian carcinoma risk. 2010 , 21, 1731-41	25

923	The effects of resveratrol on cyclooxygenase-1 and cyclooxygenase-2 mRNA and protein levels in diabetic rat kidneys. 2010 , 37, 2323-31	31
922	COX-1 and COX-2 expression in canine cutaneous, oral and ocular melanocytic tumours. 2010 , 143, 142-9	31
921	Effect of gonadectomy on the metabolism of arachidonic acid in isolated kidney of a rat model of metabolic syndrome. 2010 , 59, 414-23	12
920	Emerging role of cyclooxygenase isoforms in the control of gastrointestinal neuromuscular functions. <i>Pharmacology & Therapeutics</i> , 2010 , 125, 62-78	13.9 24
919	Inhibitive effect of celecoxib on the adhesion and invasion of human tongue squamous carcinoma cells to extracellular matrix via down regulation of MMP-2 expression. 2010 , 93, 113-9	15
918	The cyclooxygenase-2 selective inhibitor, etodolac, but not aspirin reduces neovascularization in a murine ischemic hind limb model. 2010 , 627, 223-8	4
917	Intestinal effects of lipopolysaccharide in rabbit are mediated by cyclooxygenase-2 through p38 mitogen activated protein kinase. 2010 , 648, 171-8	6
916	Cyanidin suppresses ultraviolet B-induced COX-2 expression in epidermal cells by targeting MKK4, MEK1, and Raf-1. 2010 , 79, 1473-82	56
915	Endogenous N-acyl-dopamines induce COX-2 expression in brain endothelial cells by stabilizing mRNA through a p38 dependent pathway. 2010 , 79, 1805-14	21
914	QSAR Studies on the COX-2 Inhibition by 3,4-Diarylcyclozazolones Based on MEDV Descriptor. 2010 , 21, 1510-1516	5
913	Mechanisms underlying early development of pulmonary vascular obstructive disease in Down syndrome: An imbalance in biosynthesis of thromboxane A2 and prostacyclin. 2010 , 152A, 1919-24	20
912	Synthesis and pharmacological evaluation of some 4-oxo-quinoline-2-carboxylic acid derivatives as anti-inflammatory and analgesic agents. <i>Archiv Der Pharmazie</i> , 2010 , 343, 561-9	4.3 21
911	Activation of mitogen-activated protein kinases cellular signal transduction pathway in mammalian cells induced by silicon carbide nanowires. 2010 , 31, 7856-62	14
910	Synthesis and biological evaluation of nitrogen-containing chalcones as possible anti-inflammatory and antioxidant agents. 2010 , 20, 730-3	91
909	Sulfonamide derivatives of styrylheterocycles as a potent inhibitor of COX-2-mediated prostaglandin E2 production. 2010 , 20, 6938-41	6
908	Dendritic cells integrate signals from the tumor microenvironment to modulate immunity and tumor growth. 2010 , 127, 77-84	93
907	Extraendothelial and constitutive COX-2 expression is involved in the contractile effect of angiotensin II in the rat aorta. 2010 , 30, 205-11	2
906	The role of COX-2 in intestinal inflammation and colorectal cancer. 2010 , 29, 781-8	591

905	Preferential up-regulation of heparanase and cyclooxygenase-2 in carcinogenesis of Barrett's oesophagus and intestinal-type gastric carcinoma. 2010 , 57, 90-100	18
904	Eicosanoids and cancer. 2010 , 10, 181-93	1223
903	Prostaglandin Mediators. 2010 , 1219-1228	2
902	Expression of COX-2 in Cells of Invasive Ductal Carcinoma and Adjacent Non-Cancerous Ductal Epithelia in Human Breast. 2010 , 79, 180	
901	NFAT and CREB regulate Kaposi's sarcoma-associated herpesvirus-induced cyclooxygenase 2 (COX-2). 2010 , 84, 12733-53	30
900	Neutrophil expression of cyclooxygenase 2 in preeclampsia. 2010 , 17, 465-70	15
899	Functional polymorphism of cyclooxygenase-2 gene (G-765C) in depressive patients. 2010 , 62, 116-20	28
898	RNAi-based strategies for cyclooxygenase-2 inhibition in cancer. 2010 , 2010, 828045	22
897	Inhibitory effect of HuR gene small interfering RNA segment on laryngeal carcinoma Hep-2 cell growth. 2010 , 124, 1183-9	6
896	Peptidylarginine deiminase 2 suppresses inhibitory κ B kinase activity in lipopolysaccharide-stimulated RAW 264.7 macrophages. 2010 , 285, 39655-62	33
895	Inducible cyclooxygenase released prostaglandin E2 modulates the severity of infection caused by Streptococcus pyogenes. 2010 , 185, 2372-81	39
894	Luteolin inhibits protein kinase C(epsilon) and c-Src activities and UVB-induced skin cancer. 2010 , 70, 2415-23	102
893	The role of cyclooxygenase-2 in cell proliferation and cell death in human malignancies. 2010 , 2010, 215158	295
892	Peroxisome Proliferator-Activated Receptors Protect against Apoptosis via 14-3-3. 2010 , 2010,	9
891	Sphingosine interaction with acidic leucine-rich nuclear phosphoprotein-32A (ANP32A) regulates PP2A activity and cyclooxygenase (COX)-2 expression in human endothelial cells. 2010 , 285, 26825-26831	33
890	Gonadotropins induce tumor cell migration and invasion by increasing cyclooxygenases expression and prostaglandin E(2) production in human ovarian cancer cells. 2010 , 151, 2985-93	35
889	Selective COX-1 inhibition: A therapeutic target to be reconsidered. 2010 , 17, 3769-805	107
888	Cyclooxygenase-2 overexpression is associated with clinical outcome in biliary atresia. 2010 , 20, 164-8	5

887	Carvacrol, a component of thyme oil, activates PPARalpha and gamma and suppresses COX-2 expression. 2010 , 51, 132-9	162
886	Cardiovascular safety of non-steroidal anti-inflammatory drugs among healthy individuals. 2010 , 9, 893-903	39
885	COX-2 and PGE2 signaling is essential for the regulation of IDO expression by curcumin in murine bone marrow-derived dendritic cells. 2010 , 10, 760-8	32
884	Low expression of CysLT1R and high expression of CysLT2R mediate good prognosis in colorectal cancer. 2010 , 46, 826-35	56
883	Citral, a component of lemongrass oil, activates PPARalpha and gamma and suppresses COX-2 expression. 2010 , 1801, 1214-20	71
882	Genetic deletion of COX-2 diminishes VEGF production in mouse retinal Müller cells. 2010 , 91, 34-41	42
881	Drug reprofiling using zebrafish identifies novel compounds with potential pro-myelination effects. 2010 , 59, 149-59	67
880	Prevention of urinary bladder cancer in the FHIT knock-out mouse with Rofecoxib, a Cox-2 inhibitor. 2010 , 28, 189-94	13
879	Vascular Physiology and Pharmacology. 2010 , 35-50	0
878	Emerging drugs for actinic keratosis. 2010 , 15, 545-55	18
877	The CO-releasing molecule CORM-3 protects against articular degradation in the K/BxN serum transfer arthritis model. 2010 , 634, 184-91	33
876	Loss of 15-hydroxyprostaglandin dehydrogenase expression contributes to bladder cancer progression. 2010 , 176, 1462-8	43
875	In vitro assays for cyclooxygenase activity and inhibitor characterization. 2010 , 644, 131-44	21
874	COX-2 is associated with periodontitis in Europeans. 2010 , 89, 384-8	38
873	Cyclooxygenases. 2010 ,	4
872	Assembly/disassembly of drug conjugates using imide ligation. 2010 , 12, 3982-5	20
871	Do prostaglandins modulate renal haemodynamic effects of endothelin-1 in conscious lambs?. 2010 , 88, 161-7	5
870	Recent developments in the inhibitors of neuroinflammation and neurodegeneration: inflammatory oxidative enzymes as a drug target. <i>Expert Opinion on Therapeutic Patents</i> , 2010 , 20, 1531-46	17

869	Potential molecular targets in chemopreventative action of celecoxib: a proteomics analysis of J774.A1 macrophage-like cell line. 2011 , 7, 1306-11	4
868	Angiogenic effect of laminin involves modulation of cyclooxygenase-2 and prostaglandin levels. 2011 , 236, 44-51	3
867	Effect of glycine on the cyclooxygenase pathway of the kidney arachidonic acid metabolism in a rat model of metabolic syndrome. 2011 , 89, 899-910	16
866	Light and moderate doses of ethanol in chemical carcinogenesis of the colon in rats. 2011 , 63, 1029-35	4
865	Prostaglandins and inflammation. 2011 , 31, 986-1000	2030
864	Tangeretin reduces ultraviolet B (UVB)-induced cyclooxygenase-2 expression in mouse epidermal cells by blocking mitogen-activated protein kinase (MAPK) activation and reactive oxygen species (ROS) generation. 2011 , 59, 222-8	53
863	The pharmacology and activity of non-steroidal anti-inflammatory drugs (NSAIDs): a review of their use as an adjuvant treatment in patients with HBV and HCV chronic hepatitis. 2011 , 5, 82-89	1
862	Systemic inflammation and Alzheimer's disease. 2011 , 39, 898-901	51
861	Encyclopedia of Cancer. 2011 , 2468-2468	
860	Encyclopedia of Cancer. 2011 , 697-697	
859	A phospholipase A ₂ from Bothrops asper snake venom activates neutrophils in culture: expression of cyclooxygenase-2 and PGE ₂ biosynthesis. 2011 , 57, 288-96	14
858	Cyclooxygenase-2 protects germ cells against spermatogenesis disturbance in experimental cryptorchidism model mice. 2011 , 32, 77-85	21
857	Encyclopedia of Cancer. 2011 , 2513-2513	
856	Encyclopedia of Cancer. 2011 , 796-796	
855	Encyclopedia of Cancer. 2011 , 2587-2587	
854	Crosstalk of the Wnt Signaling Pathway. 2011 , 51-80	3
853	Conservative treatment for neck pain: medications, physical therapy, and exercise. 2011 , 22, 503-20, ix	8
852	Structural insight into the stereoselective production of PGF ₂ β by Old Yellow Enzyme from Trypanosoma cruzi. 2011 , 150, 563-8	12

851	Encyclopedia of Cancer. 2011 , 885-885	
850	Encyclopedia of Cancer. 2011 , 2478-2478	
849	Effect of copper intrauterine device on the cyclooxygenase and inducible nitric oxide synthase expression in the luteal phase endometrium. 2011 , 84, 637-41	4
848	Involvement of apoptosis and autophagy in reducing mouse hepatoma ML-1 cell growth in inbred BALB/c mice by bacterial fermented soybean products. 2011 , 49, 17-24	13
847	Lipopolysaccharide (LPS) induction of nitric oxide synthase-2 and cyclooxygenase-2 is impaired in fructose overloaded rats. 2011 , 88, 307-13	5
846	Old and new generation lipid mediators in acute inflammation and resolution. 2011 , 50, 35-51	235
845	A review on the oxidative and nitrosative stress (O&NS) pathways in major depression and their possible contribution to the (neuro)degenerative processes in that illness. 2011 , 35, 676-92	745
844	The role of nitric oxide in prostaglandin biology; update. 2011 , 25, 255-64	44
843	Encyclopedia of Cancer. 2011 , 2477-2478	
842	Understanding retinopathy of prematurity: update on pathogenesis. 2011 , 100, 343-53	89
841	Encyclopedia of Cancer. 2011 , 591-595	
840	Glomerulonephritis and Cellular Regulation of Prostaglandin Synthesis. 2011 ,	1
839	Celecoxib impairs heart development via inhibiting cyclooxygenase-2 activity in zebrafish embryos. 2011 , 114, 391-400	10
838	Low intracellular ATP levels exacerbate carcinogen-induced inflammatory stress response and inhibit in vitro tubulogenesis in human brain endothelial cells. 2011 , 4, 1-10	8
837	Apoptosis induced by piroxicam plus cisplatin combined treatment is triggered by p21 in mesothelioma. 2011 , 6, e23569	20
836	EP receptor expression in human intestinal epithelium and localization relative to the stem cell zone of the crypts. 2011 , 6, e26816	16
835	TTF-1 action on the transcriptional regulation of cyclooxygenase-2 gene in the rat brain. 2011 , 6, e28959	8
834	Effects of n-3 polyunsaturated fatty acids in the fetal pulmonary circulation. 2011 , 39, 1431-8	20

833	Chemopreventive effect of tolfenamic acid on KB human cervical cancer cells and tumor xenograft by downregulating specificity protein 1. 2011 , 20, 102-11	29
832	The effects of nonsteroidal anti-inflammatory drugs on blood pressure in hypertensive patients. 2011 , 19, 184-91	49
831	Cyclooxygenase as a target for colorectal cancer chemoprevention. 2011 , 12, 1888-94	41
830	Anti-neuroinflammatory activity of Kamebakaurin from <i>Isodon japonicus</i> via inhibition of c-Jun NH2-terminal kinase and p38 mitogen-activated protein kinase pathway in activated microglial cells. 2011 , 116, 296-308	43
829	Expression of cyclooxygenase-2 in the endometrium of gilts with different stages of endometritis. 2011 , 73, 1425-31	5
828	Cyclooxygenase-2 expression is not associated with clinical outcome in synovial sarcoma. 2011 , 26, 1513-7	5
827	Cyclooxygenase-2 supports tumor proliferation in vestibular schwannomas. 2011 , 68, 1112-7	26
826	Piroxicam and meloxicam ameliorate hepatic oxidative stress and protein carbonylation in Kupffer and sinusoidal endothelial cells promoted by ischemia-reperfusion injury. 2011 , 24, 489-500	8
825	Anti-platelet therapy: cyclo-oxygenase inhibition and the use of aspirin with particular regard to dual anti-platelet therapy. 2011 , 72, 619-33	135
824	4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone promoted gastric cancer growth through prostaglandin E receptor (EP2 and EP4) in vivo and in vitro. 2011 , 102, 926-33	10
823	A novel COX-2 inhibitor pyrazole derivative proven effective as an anti-inflammatory and analgesic drug. 2011 , 108, 263-73	43
822	Cyclooxygenase-2 expression in oral tongue squamous cell carcinoma. 2011 , 40, 385-9	7
821	Combining factors on protein and gene level to predict radioresponse in head and neck cancer cell lines. 2011 , 40, 739-46	16
820	Continuous low-dose cyclophosphamide and methotrexate combined with celecoxib for patients with advanced cancer. 2011 , 104, 1822-7	29
819	NSAIDs inhibit in vitro MSC chondrogenesis but not osteogenesis: implications for mechanism of bone formation inhibition in man. 2011 , 15, 525-34	54
818	COX-2 over-expression correlates with VEGF and tumour angiogenesis in canine mammary cancer. 2011 , 189, 77-82	50
817	Regulation of inflammation in cancer by eicosanoids. 2011 , 96, 27-36	217
816	Inhibitory effect of <i>Ruta graveolens</i> L. on oxidative damage, inflammation and aortic pathology in hypercholesteromic rats. 2011 , 63, 285-90	28

815	n-Butanol extracts of Panax notoginseng suppress LPS-induced MMP-2 expression in periodontal ligament fibroblasts and inhibit osteoclastogenesis by suppressing MAPK in LPS-activated RAW264.7 cells. 2011 , 56, 1319-27	25
814	Polymorphisms in COX-2 gene influence prostate cancer susceptibility in a northern Indian cohort. 2011 , 42, 620-6	8
813	Isomeric acetoxy analogs of celecoxib and their evaluation as cyclooxygenase inhibitors. 2011 , 21, 6074-80	7
812	The gene encoding cyclooxygenase-2 is regulated by IL-1 β and prostaglandins in 832/13 rat insulinoma cells. 2011 , 271, 379-84	24
811	Glutathione Peroxidase 2 and Its Role in Cancer. 2011 , 271-282	0
810	Conjugated linoleic acid decreases prostaglandin synthesis in bovine luteal cells in vitro. 2011 , 78, 328-36	7
809	Prognostic relevance of cyclooxygenase-2 (COX-2) expression in Chinese patients with prostate cancer. 2011 , 113, 131-6	9
808	Lactobacillus casei reduces the inflammatory joint damage associated with collagen-induced arthritis (CIA) by reducing the pro-inflammatory cytokines: Lactobacillus casei: COX-2 inhibitor. 2011 , 31, 147-54	104
807	COX2 expression in prognosis and in prediction to endocrine therapy in early breast cancer patients. 2011 , 125, 671-85	41
806	Cyclooxygenase- and lipoxygenase-mediated DNA damage. 2011 , 30, 437-47	35
805	Polyunsaturated fatty acid metabolism in prostate cancer. 2011 , 30, 295-309	56
804	Differential effects of platelet rich plasma and washed platelets on the proliferation of mouse MSC cells. 2011 , 38, 2485-90	29
803	Cyclooxygenase-2 gene and epithelial ovarian carcinoma risk. 2011 , 38, 3481-6	7
802	Celecoxib enhances radiation response of secondary bone tumors of a human non-small cell lung cancer via antiangiogenesis in vivo. 2011 , 187, 45-51	14
801	Inhibition of macrophage activation and suppression of graft rejection by DTCM-glutarimide, a novel piperidine derived from the antibiotic 9-methylstreptimidone. 2011 , 60, 879-88	28
800	Chemopreventive effects of non-steroidal anti-inflammatory drugs in early neoplasm of experimental colorectal cancer: an apoptosome study. 2011 , 42, 195-203	17
799	Characterization of microRNAs regulating cyclooxygenase-2 gene expression. 2011 , 33, 673-678	3
798	Japanese encephalitis virus-infected macrophages induce neuronal death. 2011 , 6, 420-33	18

797	Recent progress in the study of brown adipose tissue. 2011 , 1, 35	21
796	Structure of the inhibitor complex of old yellow enzyme from <i>Trypanosoma cruzi</i> . 2011 , 18, 66-9	11
795	Overexpression of cyclooxygenase-2 in NCI-H292 human alveolar epithelial carcinoma cells: roles of p38 MAPK, ERK-1/2, and PI3K/PKB signaling proteins. 2011 , 112, 3015-24	10
794	Anti-inflammatory activity of Devil's claw in vitro systems and their active constituents. 2011 , 125, 171-178	73
793	Molecular mechanism underlying anti-apoptotic and anti-inflammatory effects of Mameo (<i>Antidesma thwaitesianum</i> Mill. Arg.) polyphenolics in human breast epithelial cells. 2011 , 127, 1450-1458	14
792	Inhibitory effects of hexahydro- β -acids in LPS-stimulated murine macrophage. 2011 , 3, 215-222	9
791	Immunohistochemical COX-2 overexpression correlates with HER-2/neu overexpression in invasive breast carcinomas: a pilot study. 2011 , 207, 182-7	8
790	Hepatoprotective activity of berberine is mediated by inhibition of TNF- α /COX-2, and iNOS expression in CCl(4)-intoxicated mice. 2011 , 280, 33-43	126
789	Anti-inflammatory properties of Septilin in lipopolysaccharide activated monocytes and macrophage. 2011 , 33, 55-63	9
788	Early feeding and dietary lipids affect broiler tissue fatty acids, vitamin E status, and cyclooxygenase-2 protein expression upon lipopolysaccharide challenge. 2011 , 90, 2790-800	11
787	Cox-2 deletion in myeloid and endothelial cells, but not in epithelial cells, exacerbates murine colitis. 2011 , 32, 417-26	42
786	Randomized, placebo-controlled phase III study of docetaxel plus carboplatin with celecoxib and cyclooxygenase-2 expression as a biomarker for patients with advanced non-small-cell lung cancer: the NVALT-4 study. 2011 , 29, 4320-6	91
785	SO(2)-induced neurotoxicity is mediated by cyclooxygenases-2-derived prostaglandin E(2) and its downstream signaling pathway in rat hippocampal neurons. 2011 , 124, 400-13	73
784	Interaction between COX-2 G-765C and smoking in relation to coronary artery disease in a Chinese Uighur population. 2011 , 49, 55-60	11
783	Effects of Cox inhibitors on bone and tendon healing. 2011 , 82, 1-22	5
782	Meloxicam, a COX-2 inhibitor, ameliorates ischemia/reperfusion injury in non-heart-beating donor livers. 2011 , 47, 109-17	11
781	Platelets participate in synovitis via Cox-1-dependent synthesis of prostacyclin independently of microparticle generation. 2011 , 186, 4361-6	29
780	The molecular basis for the pharmacological activity of anthocyanins. 2011 , 18, 4454-69	55

779	The Cox-2 -1195 G > A polymorphism and cancer risk: a meta-analysis of 25 case-control studies. 2011 , 26, 729-34	9
778	Role of reactive oxygen species and redox in regulating the function of transient receptor potential channels. 2011 , 15, 1549-65	38
777	Activation of NAD(P)H oxidases by thromboxane A2 receptor uncouples endothelial nitric oxide synthase. 2011 , 31, 125-32	48
776	The Crosstalk of PTGS2 and EGF Signaling Pathways in Colorectal Cancer. 2011 , 3, 3894-908	37
775	Fernblock, a nutraceutical with photoprotective properties and potential preventive agent for skin photoaging and photoinduced skin cancers. <i>International Journal of Molecular Sciences</i> , 2011 , 12, 8466-75 ^{6.3}	37
774	Suppressive Effect on Lipopolysaccharide-Induced Proinflammatory Mediators by Citrus aurantium L. in Macrophage RAW 264.7 Cells via NF- κ B Signal Pathway. 2011 , 2011,	31
773	The effects of resveratrol on cyclooxygenase-1 and -2, nuclear factor kappa beta, matrix metalloproteinase-9, and sirtuin 1 mRNA expression in hearts of streptozotocin-induced diabetic rats. 2011 , 10, 2962-75	36
772	Expression of HuR, COX-2, and survivin in lung cancers; cytoplasmic HuR stabilizes cyclooxygenase-2 in squamous cell carcinomas. 2011 , 24, 1336-47	33
771	Vitamin D and Prostate Cancer. 2011 , 1675-1709	3
770	Cyclooxygenase (COX) Inhibitors and the Newborn Kidney. 2012 , 5, 1160-76	8
769	Exposure to diesel exhaust upregulates COX-2 expression in ApoE knockout mice. 2012 , 24, 518-27	8
768	Role of cyclooxygenase 2 and endothelial nitric oxide synthetase in preclinical atherosclerosis. 2012 , 31, 432-8	4
767	MicroRNA-199a* regulates the expression of cyclooxygenase-2 in human chondrocytes. 2012 , 71, 1073-80	92
766	Anti-inflammatory activity of <i>Gentiana striata</i> Maxim. 2012 , 26, 1038-44	12
765	COX-2 expression is upregulated by DNA hypomethylation after hematopoietic stem cell transplantation. 2012 , 189, 4528-36	14
764	Requirement for the histone deacetylase Hdac3 for the inflammatory gene expression program in macrophages. 2012 , 109, E2865-74	242
763	Murine P-glycoprotein deficiency alters intestinal injury repair and blunts lipopolysaccharide-induced radioprotection. 2012 , 178, 207-16	5
762	Foods and Drugs in the Management of Disease: A Case Study Comparing Omega-3 Fatty Acids and Aspirin for Inflammation. 2012 , 8, 204-207	

761	The expression of cyclooxygenase-2 and survivin in urinary bladder transitional cell carcinoma. 2012 , 32, 150-154		1
760	Predicting factors for locoregional failure of high-dose-rate brachytherapy for early-stage oral cancer. 2012 , 9, 879-887		1
759	Sepsis-associated changes of the arachidonic acid metabolism and their diagnostic potential in septic patients. 2012 , 40, 1478-86		30
758	Targeted chiral analysis of bioactive arachidonic Acid metabolites using liquid-chromatography-mass spectrometry. 2012 , 2, 337-65		24
757	Cyclooxygenase Pathway of the Arachidonate Cascade. 2012 ,		
756	Inhibition of cyclooxygenase-2 by tetramethylpyrazine and its effects on A549 cell invasion and metastasis. 2012 , 40, 2029-37		14
755	2-Methoxy-5-amino-N-hydroxybenzamide, a derivative of mesalamine, inhibits colon cancer cell growth through cyclo-oxygenase-2-dependent and -independent mechanisms. 2012 , 123, 295-306		
754	Establishment and evaluation of biotechnological platform for screening health food with antiinflammation ability. 2012 , 2, 76-80		4
753	Recent advances in the study on resveratrol. 2012 , 35, 273-9		132
752	Extract from <i>Nandina domestica</i> inhibits lipopolysaccharide-induced cyclooxygenase-2 expression in human pulmonary epithelial A549 cells. 2012 , 35, 1041-7		10
751	Examining the role of lipid mediators in diabetic retinopathy. 2012 , 7, 661-675		30
750	Systemic and central immunity in Alzheimer's disease: therapeutic implications. 2012 , 18, 64-76		25
749	Differential effect of DDT, DDE, and DDD on COX-2 expression in the human trophoblast derived HTR-8/SVneo cells. <i>Journal of Biochemical and Molecular Toxicology</i> , 2012 , 26, 454-60	3-4	8
748	Long-lasting oxidative pulmonary insult in rat after intratracheal instillation of silica nanoparticles doped with cadmium. 2012 , 302, 203-11		10
747	Effects of indomethacin, nimesulide, and diclofenac on human MG-63 osteosarcoma cell line. 2012 , 14, 98-107		26
746	Prostaglandin E2 as an inhibitory modulator of fibrogenesis in human lung allografts. 2012 , 185, 77-84		36
745	C6-ceramide enhances Interleukin-12-mediated T helper type 1 cell responses through a cyclooxygenase-2-dependent pathway. 2012 , 217, 601-9		9
744	Protective effect of L-theanine on carbon tetrachloride-induced acute liver injury in mice. 2012 , 422, 344-50		54

743	Cytoskeletal architecture regulates cyclooxygenase-2 in human endothelial cells: autocrine modulation by prostacyclin. 2012 , 227, 3847-56	5
742	βAmyloid induced effects on cholinergic, serotonergic, and dopaminergic neurons is differentially counteracted by anti-inflammatory drugs. 2013 , 91, 83-94	23
741	Modulation of TTX-sensitive voltage-dependent Na ⁺ channels by βbungarotoxin in rat cerebellar neurons. 2012 , 13, 36	1
740	DNA hypomethylation of the COX-2 gene promoter is associated with up-regulation of its mRNA expression in eutopic endometrium of endometriosis. 2012 , 17, 12	34
739	Evidence-based use of indomethacin and ibuprofen in the neonatal intensive care unit. 2012 , 39, 111-36	38
738	Pattern of expression of cyclooxygenase-2 in malignant transformation of sinonasal inverted papilloma. 2012 , 33, 585-9	16
737	Generation of a novel, cyclooxygenase-2-targeted, interferon-expressing, conditionally replicative adenovirus for pancreatic cancer therapy. 2012 , 204, 741-50	24
736	Heparanase and cyclooxygenase-2 gene and protein expressions during progression of oral epithelial dysplasia to carcinoma. 2012 , 16, 354-61	6
735	Protective effects of epigallocatechin gallate (EGCG) derivatives on azoxymethane-induced colonic carcinogenesis in mice. 2012 , 4, 323-330	35
734	Aspirin and non-aspirin non-steroidal anti-inflammatory drug use and risk of lung cancer. 2012 , 77, 246-51	23
733	Hepatitis B and C virus infections as possible risk factor for pancreatic adenocarcinoma. 2012 , 79, 678-97	13
732	Exercise Cardiopulmonary Function in Cardiac Patients. 2012 ,	8
731	Pharmacokinetic, distribution, metabolism, and excretion of (Z)-2-amino-1,5-dihydro-1-methyl-5-[4-(mesyl)benzylidene]-4H-imidazol-4-one mesilate (ZLJ-601) in Sprague-Dawley rats. 2012 , 89, 192-200	1
730	Effect of ibuprofen on proliferation, differentiation, antigenic expression, and phagocytic capacity of osteoblasts. 2012 , 30, 554-60	17
729	Polymorphism of the cyclooxygenase-1 gene and aspirin resistance. 2012 , 46, 246-250	
728	Angiogenic response of endothelial cells to fibronectin. 2012 , 749, 131-51	4
727	Soy isoflavones (daidzein & genistein) inhibit 12-O-tetradecanoylphorbol-13-acetate (TPA)-induced cutaneous inflammation via modulation of COX-2 and NF-κB in Swiss albino mice. 2012 , 302, 266-74	54
726	Synthesis and pharmacological evaluation of a novel series of 3-aryl-2-(2-substituted-4-methylthiazole-5-yl)thiazolidin-4-one as possible anti-inflammatory and antimicrobial agents. 2012 , 22, 6373-6	25

725	Role of ROS and COX-2/iNOS inhibition in cancer chemoprevention: a review. 2012 , 11, 309-337	22
724	E series prostaglandins alter the proliferative, apoptotic and migratory properties of T98G human glioma cells in vitro. 2012 , 11, 171	14
723	Mechanisms involved in PGE2-induced transactivation of the epidermal growth factor receptor in MH1C1 hepatocarcinoma cells. 2012 , 31, 72	20
722	Prognostic role of host cyclooxygenase and cytokine genotypes in a Caucasian cohort of patients with gastric adenocarcinoma. 2012 , 7, e46179	9
721	Targeting COX-2/PGE(2) pathway in HIPK2 knockdown cancer cells: impact on dendritic cell maturation. 2012 , 7, e48342	19
720	The antioxidant mechanisms underlying the aged garlic extract- and S-allylcysteine-induced protection. 2012 , 2012, 907162	166
719	Cyclooxygenase 2 gene polymorphisms and chronic periodontitis in a North Indian population: a pilot study. 2012 , 42, 151-7	8
718	Diphlorethohydroxycarmalol, Isolated from <i>Ishige okamurae</i> , Increases Prostaglandin E2 through the Expression of Cyclooxygenase-1 and -2 in HaCaT Human Keratinocytes. 2012 , 20, 520-5	9
717	Cellular stress response in Eca-109 cells inhibits apoptosis during early exposure to isorhamnetin. 2012 , 59, 361-9	6
716	Design, synthesis and preliminary pharmacological evaluation of new non-steroidal anti-inflammatory agents having a 4-(methylsulfonyl) aniline pharmacophore. <i>Molecules</i> , 2012 , 17, 1751-63 ⁴⁸	7
715	Small molecule tolfenamic acid inhibits PC-3 cell proliferation and invasion in vitro, and tumor growth in orthotopic mouse model for prostate cancer. 2012 , 72, 1648-58	34
714	Antiinflammatory properties of extracts and compounds isolated from <i>Verbascum xanthophoeniceum</i> Griseb. 2012 , 26, 1681-7	19
713	Taxifolin suppresses UV-induced skin carcinogenesis by targeting EGFR and PI3K. 2012 , 5, 1103-14	53
712	The inflammatory tumor microenvironment, epithelial mesenchymal transition and lung carcinogenesis. 2012 , 5, 5-18	61
711	Immunohistochemical analysis on cyclooxygenase-2 for wound age determination. 2012 , 126, 435-40	22
710	Reactive oxygen/nitrogen species and their functional correlations in neurodegenerative diseases. 2012 , 119, 891-910	118
709	The expression of genes encoding for COX-2, MPO, iNOS, and sPLA2-IIA in patients with recurrent depressive disorder. 2012 , 138, 360-6	104
708	Maximal standardized uptake value on FDG-PET is correlated with cyclooxygenase-2 expression in patients with lung adenocarcinoma. 2012 , 93, 398-403	11

707	Interleukin 17 inhibits myogenic and promotes osteogenic differentiation of C2C12 myoblasts by activating ERK1,2. 2012 , 1823, 838-49	45
706	Berberine-induced AMPK activation inhibits the metastatic potential of melanoma cells via reduction of ERK activity and COX-2 protein expression. 2012 , 83, 385-94	130
705	Design and synthesis of 4-O-methylhonokiol analogs as inhibitors of cyclooxygenase-2 (COX-2) and PGF β production. 2012 , 20, 2860-8	16
704	N-1 and C-3 substituted indole Schiff bases as selective COX-2 inhibitors: synthesis and biological evaluation. 2012 , 22, 2154-9	31
703	Linkage disequilibrium and haplotype analysis of COX-2 and risk of colorectal adenoma development. 2012 , 5, 60-4	4
702	Xenobiotic metabolism capacities of human skin in comparison with a 3D epidermis model and keratinocyte-based cell culture as in vitro alternatives for chemical testing: activating enzymes (Phase I). 2012 , 21, 358-63	91
701	Immunohistochemical detection of COX-2 in feline and canine actinic keratoses and cutaneous squamous cell carcinoma. 2012 , 146, 11-7	26
700	Evaluation of cyclooxygenase-2 expression in canine mast cell tumours. 2012 , 147, 31-6	8
699	Production of prostaglandin E β in response to infection with modified vaccinia Ankara virus. 2012 , 428, 146-55	5
698	Prostacyclin receptor in tumor endothelial cells promotes angiogenesis in an autocrine manner. 2012 , 103, 1038-44	24
697	Acute changes in the concentrations of prostaglandin F $_{2\beta}$ (PGF) and cortisol in uterine and ovarian venous blood during PGF-induced luteolysis in cows. 2012 , 47, 238-43	4
696	Atorvastatin suppresses inflammatory response induced by oxLDL through inhibition of ERK phosphorylation, I β degradation, and COX-2 expression in murine macrophages. 2012 , 113, 611-8	25
695	Prostaglandin D2 regulates joint inflammation and destruction in murine collagen-induced arthritis. 2012 , 64, 130-40	33
694	The lipopolysaccharide-induced pro-inflammatory response in RAW264.7 cells is attenuated by an unsaturated fatty acid-bovine serum albumin complex and enhanced by a saturated fatty acid-bovine serum albumin complex. 2012 , 61, 151-60	18
693	The nonsteroidal anti-inflammatory drug celecoxib suppresses the growth and induces apoptosis of human glioblastoma cells via the NF- β pathway. 2012 , 106, 99-109	53
692	Serum concentrations of cyclooxygenase-2 in patients with systemic sclerosis: association with lower frequency of pulmonary fibrosis. 2012 , 32, 124-30	10
691	Nonsteroidal Antiinflammatory Analgesics. 2013 , 463-470	
690	Alzheimer's Dementia and Lifestyle: Towards a Primary Prevention. 2013 , 193-214	1

689	Bonone attenuates LPS-induced pro-inflammatory mediators such as NO, PGE2 and TNF- α in BV2 microglial cells via suppression of the NF- κ B and MAPK pathway. 2013 , 27, 782-7	31
688	Quantitative metabolic profiling of lipid mediators. 2013 , 57, 1359-77	23
687	Regulatory T cells in cancer: an overview and perspectives on cyclooxygenase-2 and Foxp3 DNA methylation. 2013 , 74, 1061-8	19
686	The functional role of oxytocin in the induction of oocyte meiotic resumption in cattle. 2013 , 48, 844-9	8
685	Pro-neoplastic effects of amphiregulin in colorectal carcinogenesis. 2013 , 44, 211-21	8
684	Cyclooxygenase-2 expression in skeletal muscle of knockout mice suffering Duchenne muscular dystrophy. 2013 , 139, 685-9	6
683	Platelet biology and receptor pathways. 2013 , 6, 299-309	48
682	Antitumor effect of a newly synthesized celecoxib derivative encapsulated in liposome. 2013 , 43, 101-106	3
681	Src kinase is a direct target of apigenin against UVB-induced skin inflammation. 2013 , 34, 397-405	51
680	Cyclopamine and jervine induce COX-2 overexpression in human erythroleukemia cells but only cyclopamine has a pro-apoptotic effect. 2013 , 319, 1043-53	18
679	Avermectin induced inflammation damage in king pigeon brain. 2013 , 93, 2528-34	16
678	Protection from inflammatory bowel disease and colitis-associated carcinogenesis with 4-vinyl-2,6-dimethoxyphenol (canolol) involves suppression of oxidative stress and inflammatory cytokines. 2013 , 34, 2833-41	30
677	Synthesis and chemical and biological comparison of nitroxyl- and nitric oxide-releasing diazeniumdiolate-based aspirin derivatives. 2013 , 56, 7804-20	62
676	Cyclooxygenase-2 induction in macrophages is modulated by docosahexaenoic acid via interactions with free fatty acid receptor 4 (FFA4). <i>FASEB Journal</i> , 2013 , 27, 4987-97	0.9 68
675	Metabolomic changes in gastrointestinal tissues after whole body radiation in a murine model. 2013 , 9, 723-31	23
674	Enhanced 5-fluorouracil cytotoxicity in high COX-2 expressing hepatocellular carcinoma cells by wogonin via the PI3K/Akt pathway. 2013 , 91, 221-9	18
673	Quercetin alleviates hypercholesterolemic diet induced inflammation during progression and regression of atherosclerosis in rabbits. 2013 , 29, 219-29	43
672	Eicosanoids and adipokines in breast cancer: from molecular mechanisms to clinical considerations. 2013 , 18, 323-60	28

671	Modulation of signaling pathways in prostate cancer by green tea polyphenols. 2013 , 85, 667-672	54
670	2-Carbaborane-3-phenyl-1H-indoles--synthesis via McMurry reaction and cyclooxygenase (COX) inhibition activity. 2013 , 8, 329-35	20
669	Aspirin, nonsteroidal anti-inflammatory drugs, paracetamol and risk of endometrial cancer: a case-control study, systematic review and meta-analysis. 2013 , 132, 1146-55	60
668	Honey-induced macrophage stimulation: AP-1 and NF- κ B activation and cytokine production are unrelated to LPS content of honey. 2013 , 17, 874-9	19
667	MLK3 is a direct target of biochanin A, which plays a role in solar UV-induced COX-2 expression in human keratinocytes. 2013 , 86, 896-903	12
666	PTGER1 deletion attenuates renal injury in diabetic mouse models. 2013 , 183, 1789-1802	16
665	Nrf2 is essential for the expression of lipocalin-prostaglandin D synthase induced by prostaglandin D2. 2013 , 65, 1134-1142	15
664	Fibrosis of two: Epithelial cell-fibroblast interactions in pulmonary fibrosis. 2013 , 1832, 911-21	165
663	Cyclooxygenase-2-related signaling in the hypothalamus plays differential roles in response to various acute stresses. 2013 , 1508, 23-33	21
662	Review: systemic inflammation and Alzheimer's disease. 2013 , 39, 51-68	195
661	Acute aerocystitis in <i>Piaractus mesopotamicus</i> : participation of eicosanoids and pro-inflammatory cytokines. 2013 , 34, 1057-62	14
660	Chemogenomics approaches to rationalizing the mode-of-action of traditional Chinese and Ayurvedic medicines. 2013 , 53, 661-73	46
659	Non-steroid anti-inflammatory drugs, prostaglandins, and cancer. 2013 , 3, 8	43
658	Predictive ability of estrogen receptor (ER), progesterone receptor (PR), COX-2, Mlh1, and Bcl-2 expressions for regression and relapse of endometrial hyperplasia treated with LNG-IUS: a prospective cohort study. 2013 , 130, 58-63	12
657	p27 suppresses cyclooxygenase-2 expression by inhibiting p38 α and p38 β mediated CREB phosphorylation upon arsenite exposure. 2013 , 1833, 2083-91	13
656	Cancer Gene Therapy with Small Oligonucleotides. 2013 ,	0
655	The omega-6/omega-3 ratio and dementia or cognitive decline: a systematic review on human studies and biological evidence. 2013 , 32, 1-23	73
654	Establishment of reporter platforms capable of detecting NF- κ B mediated immuno-modulatory activity. 2013 , 61, 12582-7	7

- 653 Myelin basic protein induces inflammatory mediators from primary human endothelial cells and blood-brain barrier disruption: implications for the pathogenesis of multiple sclerosis. **2013**, 39, 270-83 43
- 652 Chemopreventive efficacy of green tea drinking against 1,2-dimethyl hydrazine-induced rat colon carcinogenesis. **2013**, 31, 196-207 5
- 651 Review of Cancer Associated Fibroblasts and Therapies that Interfere with Their Activity. **2013**, 1, 9
- 650 Anti-inflammatory effects of medicinal plants mixture used by Bedouin people in Saudi Arabia. **2013**, 59, 76-87 5
- 649 Cyclooxygenase-2 regulated by the nuclear factor- κ B pathway plays an important role in endometrial breakdown in a female mouse menstrual-like model. **2013**, 154, 2900-11 14
- 648 Dietary polyunsaturated fatty acids and inflammation: the role of phospholipid biosynthesis. *International Journal of Molecular Sciences*, **2013**, 14, 21167-88 6.3 97
- 647 Synthesis, Anti-Inflammatory, and Ulcerogenicity Studies of Novel Substituted and Fused Pyrazolo[3,4-d]pyrimidin-4-ones. **2013**, 81, 393-422 10
- 646 Mechanisms of omega-3 polyunsaturated fatty acids in prostate cancer prevention. **2013**, 2013, 824563 61
- 645 Mechanisms of action of non-steroidal anti-inflammatory drugs (NSAIDs) and mesalazine in the chemoprevention of colorectal cancer. *International Journal of Molecular Sciences*, **2013**, 14, 17972-85 6.3 57
- 644 Time-perspective in cardiovascular risk of NSAID use after first-time myocardial infarction. **2013**, 28, 683-8 4
- 643 Seminal plasma affects prostaglandin synthesis and angiogenesis in the porcine uterus. **2013**, 88, 72 14
- 642 COX-1-dependent prostaglandin D2 in microglia contributes to neuropathic pain via DP2 receptor in spinal neurons. **2013**, 61, 943-56 28
- 641 The influence of acute resistance exercise on cyclooxygenase-1 and -2 activity and protein levels in human skeletal muscle. **2013**, 305, R24-30 16
- 640 DNA damage, p53, Ki-67 and COX-2 expression in rat tongue cells exposed to nandrolone decanoate. **2013**, 23, 289-96 2
- 639 Aqueous humor penetration of ketorolac formulated in DuraSite or DuraSite 2 delivery systems compared to Acular LS in rabbits. **2013**, 29, 812-6 6
- 638 Effects of celecoxib treatment over the AKT pathway in head and neck squamous cell carcinoma. **2013**, 42, 793-8 11
- 637 Gallotannin causes differentiation and inflammation via ERK-1/-2 and p38 kinase pathways in rabbit articular chondrocytes. **2013**, 7, 701-7 10
- 636 Regulation of inflammation by selenium and selenoproteins: impact on eicosanoid biosynthesis. **2013**, 2, e28 56

635	Urinary PGE-M: a promising cancer biomarker. 2013 , 6, 507-10	37
634	Impact of genetic polymorphisms on adenoma recurrence and toxicity in a COX2 inhibitor (celecoxib) trial: results from a pilot study. 2013 , 23, 428-437	13
633	Inducible endothelium-derived hyperpolarizing factor: role of the 15-lipoxygenase-EDHF pathway. 2013 , 61, 176-87	25
632	Evaluation of Food-derived Functional Ingredients According to Activation of PPAR and Suppression of COX-2 Expression. 2013 , 19, 339-345	3
631	Shrimp lipids: a source of cancer chemopreventive compounds. 2013 , 11, 3926-50	15
630	Immunohistochemical and morphometric evaluation of COX 1 and COX-2 in the remodeled lung in idiopathic pulmonary fibrosis and systemic sclerosis. 2013 , 39, 692-700	2
629	The eicosapentaenoic acid metabolite 15-deoxy-(12,14)-prostaglandin J3 increases adiponectin secretion by adipocytes partly via a PPAR α -dependent mechanism. 2013 , 8, e63997	41
628	Inflammatory process in Alzheimer's Disease. 2013 , 7, 59	216
627	Role of Candidate Genes Regulating Uterine Prostaglandins Biosynthesis for Maternal Recognition of Pregnancy in Domestic Animals. 2013 , 2013, 1-8	1
626	The pharmacology and activity of non-steroidal anti-inflammatory drugs (NSAIDs): a review of their use as an adjuvant treatment in patients with HBV and HCV chronic hepatitis. 2013 , 82-89	
625	Cardiovascular risk and inhibition of cyclooxygenase: traditional nonsteroidal anti-inflammatory drugs and cyclooxygenase-2 inhibitors. 2013 , 37-54	
624	PTGS2 gene polymorphism -765G>C is associated with coronary artery disease: a meta-analysis. 2014 , 13, 1491-6	3
623	Global gene expression profiling of myeloid immune cell subsets in response to in vitro challenge with porcine circovirus 2b. 2014 , 9, e91081	7
622	Development and validation of an animal model of prostate inflammation-induced chronic pelvic pain: evaluating from inflammation of the prostate to pain behavioral modifications. 2014 , 9, e96824	17
621	Nonsteroidal anti-inflammatory drugs and prostatic diseases. 2014 , 2014, 436123	21
620	Piperine inhibits the activities of platelet cytosolic phospholipase A2 and thromboxane A2 synthase without affecting cyclooxygenase-1 activity: different mechanisms of action are involved in the inhibition of platelet aggregation and macrophage inflammatory response. <i>Nutrients</i> , 2014 , 6, 3336-52	6.7 22
619	Anti-inflammatory effects of <i>Rubus coreanus</i> Miquel through inhibition of NF- κ B and MAP Kinase. 2014 , 8, 501-8	23
618	-765 g>c polymorphism of the cox-2 gene and gastric cancer risk in Brazilian population. 2014 , 51, 79-83	10

617	Aspirin inhibits lipopolysaccharide-induced COX-2 expression and PGE2 production in porcine alveolar macrophages by modulating protein kinase C and protein tyrosine phosphatase activity. 2014 , 47, 45-50	13
616	Cyclooxygenase-2 and the inflammogenesis of breast cancer. 2014 , 5, 677-92	106
615	Benzalkonium chloride induces subconjunctival fibrosis through the COX-2-modulated activation of a TGF- β /Smad3 signaling pathway. 2014 , 55, 8111-22	16
614	Antioxidant and anti-inflammatory activities of berberine in the treatment of diabetes mellitus. 2014 , 2014, 289264	127
613	Human cytomegalovirus antigens in malignant gliomas as targets for adoptive cellular therapy. 2014 , 4, 338	9
612	Group X secretory phospholipase A2 regulates insulin secretion through a cyclooxygenase-2-dependent mechanism. 2014 , 289, 27410-7	24
611	Polymorphisms in cyclooxygenase-2 gene and risk of developing coal workers' pneumoconiosis: a case-control study. 2014 , 57, 866-71	3
610	Regulation of COX-2 expression by miR-146a in lung cancer cells. 2014 , 20, 1419-30	57
609	Non-steroidal anti-inflammatory drugs for pain after oral surgery. 2014 , 7, 152-161	4
608	Efficacy of cyclo-oxygenase inhibition by two commercially available firocoxib products in horses. 2014 , 46, 72-5	17
607	Increase in cyclooxygenase-2 (COX-2) expression in keratinocytes and dermal fibroblasts in photoaged skin. 2014 , 13, 195-201	16
606	Drosophila melanogaster S2 cells are more suitable for the production of recombinant COX-1 than Trichoplusia ni BTI TN-5B1-4 cells. 2014 , 19, 803-810	1
605	Role of preferential cyclooxygenase-2 inhibition by meloxicam in ischemia/reperfusion injury of the rat liver. 2014 , 53, 11-24	15
604	COX-1-derived thromboxane A2 plays an essential role in early B-cell development via regulation of JAK/STAT5 signaling in mouse. 2014 , 124, 1610-21	16
603	The nitric oxide-mediated regulation of prostaglandin signaling in medicine. 2014 , 96, 211-45	8
602	Adipose triglyceride lipase regulates eicosanoid production in activated human mast cells. 2014 , 55, 2471-8	59
601	Synthesis of thio-heterocyclic analogues from Baylis-Hillman bromides as potent cyclooxygenase-2 inhibitors. 2014 , 24, 1952-7	9
600	Korean Red Ginseng water extract inhibits COX-2 expression by suppressing p38 in acrolein-treated human endothelial cells. 2014 , 38, 34-9	20

599	Effect of lycopene from <i>Chlorella marina</i> on high cholesterol-induced oxidative damage and inflammation in rats. 2014 , 22, 45-54	27
598	Cyclooxygenase 2 genotypes influence prostate cancer susceptibility in Japanese Men. 2014 , 35, 2717-21	7
597	Evaluation of benzothiophene carboxamides as analgesics and anti-inflammatory agents. 2014 , 66, 201-211	5
596	The thrombotic and arrhythmogenic risks of perioperative NSAIDs. 2014 , 28, 369-78	8
595	[Interaction of anesthetics and analgesics with tumor cells]. 2014 , 63, 313-25	4
594	<i>H. pylori</i> infection, inflammation and gastric cancer. 2014 , 45, 126-32	38
593	Recent advances in brown adipose tissue biology. 2014 , 59, 4030-4040	4
592	Single compartment drug delivery. 2014 , 190, 157-71	41
591	Effects of <i>Escherichia coli</i> - and <i>Staphylococcus aureus</i> -induced mastitis in lactating cows on oocyte developmental competence. 2014 , 147, 33-43	30
590	Indomethacin sensitizes TRAIL-resistant melanoma cells to TRAIL-induced apoptosis through ROS-mediated upregulation of death receptor 5 and downregulation of survivin. 2014 , 134, 1397-1407	41
589	The inflammatory mediator leukotriene D ₄ induces subcellular β -catenin translocation and migration of colon cancer cells. 2014 , 321, 255-66	38
588	Breaking the cycle: the role of omega-3 polyunsaturated fatty acids in inflammation-driven cancers. 2014 , 92, 321-8	19
587	Peroxisome proliferator-activated receptor β promotes colonic inflammation and tumor growth. 2014 , 111, 7084-9	60
586	Isolation of a novel paxilline analog pyrapaxilline from fungus that inhibits LPS-induced NO production. 2014 , 67, 787-90	8
585	Protective effects of esculentic acid against endotoxic shock in Kunming mice. 2014 , 23, 229-35	3
584	Clinical Pharmacology. 2014 , 1-41	5
583	Oxidative Stress in Depression. 2014 , 2369-2395	4
582	Case-control study of aspirin use and risk of pancreatic cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014 , 23, 1254-63	4 55

581	Toll-like receptor 6 mediated inflammatory and functional responses of zinc oxide nanoparticles primed macrophages. 2014 , 142, 453-64	30
580	Dietary plant extracts modulate gene expression profiles in ileal mucosa of weaned pigs after an <i>Escherichia coli</i> infection. 2014 , 92, 2050-62	40
579	Tangeretin, a citrus pentamethoxyflavone, exerts cytostatic effect via p53/p21 up-regulation and suppresses metastasis in 7,12-dimethylbenz[<i>a</i>]anthracene-induced rat mammary carcinoma. 2014 , 25, 1140-1153	46
578	COX-2 overexpression in resected pancreatic head adenocarcinomas correlates with favourable prognosis. 2014 , 14, 458	10
577	Critical role for peripherally-derived interleukin-10 in mediating the thermoregulatory manifestations of fever and hypothermia in severe forms of lipopolysaccharide-induced inflammation. 2014 , 466, 1451-66	25
576	Effect of dietary n-3 polyunsaturated fatty acids on transcription factor regulation in the bovine endometrium. 2014 , 41, 2745-55	14
575	Central role for protein kinase C in oxytocin and epidermal growth factor stimulated cyclooxygenase 2 expression in human myometrial cells. 2014 , 7, 357	14
574	Restoration of E-cadherin expression by selective Cox-2 inhibition and the clinical relevance of the epithelial-to-mesenchymal transition in head and neck squamous cell carcinoma. 2014 , 33, 40	41
573	Role of the lipoxygenase pathway in RSV-induced alternatively activated macrophages leading to resolution of lung pathology. 2014 , 7, 549-57	50
572	Rosmarinic acid inhibits chemical hypoxia-induced cytotoxicity in primary cultured rat hepatocytes. 2014 , 37, 907-15	8
571	Resveratrol and Cardiovascular Disease. 2014 , 3, 163-169	5
570	5-methoxyindole metabolites of L-tryptophan: control of COX-2 expression, inflammation and tumorigenesis. 2014 , 21, 17	29
569	<i>Ardisia crispa</i> roots inhibit cyclooxygenase and suppress angiogenesis. 2014 , 14, 102	7
568	Prostaglandin E2 negatively regulates the production of inflammatory cytokines/chemokines and IL-17 in visceral leishmaniasis. 2014 , 193, 2330-9	41
567	Synthesis and Antimicrobial Activities of Novel Series of 3-(4-(2-substituted thiazol-4-yl)phenyl)-2-(4-methyl-2-substituted thiazol-5-yl)thiazolidin-4-one Derivatives. 2014 , 51, 1151-1156	2
566	Prostaglandin E2 modifies SMAD2 and promotes SMAD2-SMAD4 complex formation. 2014 , 90, 145-9	1
565	Why do a wide variety of animals retain multiple isoforms of cyclooxygenase?. 2014 , 109-111, 14-22	10
564	LPS potentiates nucleotide-induced inflammatory gene expression in macrophages via the upregulation of P2Y2 receptor. 2014 , 18, 270-6	18

563	Going against the flow: a case for peroxisomal protein export. 2014 , 1843, 1386-92	8
562	Association between polymorphism c.1-765G>C of the COX2 gene and cognitive impairment in individuals 65 years or more with diabetes from a Geriatric Service in Monterrey, Mexico. 2014 , 143, 381-5	2
561	Perioperative analgesia outcomes and strategies. 2014 , 28, 105-15	30
560	Overexpression of microRNA-25 by withaferin A induces cyclooxygenase-2 expression in rabbit articular chondrocytes. 2014 , 125, 83-90	23
559	Differential roles of cyclooxygenase-2-related signaling in regulating hypothalamic neuronal activity under various acute stresses. 2014 , 76, 219-27	5
558	Prednisone inhibits the IL-1 β induced expression of COX-2 in HEI-OC1 murine auditory cells through the inhibition of ERK-1/2, JNK-1 and AP-1 activity. 2014 , 34, 1640-6	11
557	Paeonol exerts an anticancer effect on human colorectal cancer cells through inhibition of PGE β synthesis and COX-2 expression. 2014 , 32, 2845-53	37
556	Molecular Docking Technique for selection of some naproxen derivatives as inhibitors of cyclooxygenase 2 (COX-2). 2015 ,	1
555	Oxytocin evokes a pulsatile PGE $_{2}$ release from ileum mucosa and is required for repair of intestinal epithelium after injury. 2015 , 5, 11731	18
554	Coexpression of COX-2 and iNOS in Angiogenesis of Superficial Esophageal Squamous Cell Carcinoma. 2015 , 100, 733-43	13
553	Tolhydroquinone from Aspergillus sp. suppress inflammatory mediators via nuclear factor- κ B and mitogen-activated protein kinases pathways in lipopolysaccharide-induced RAW264.7 cells. 2015 , 67, 1297-305	6
552	Cyclooxygenase-2 genetic variants influence intratumoral infiltration of Foxp3-positive regulatory T cells in non-small cell lung cancer. 2015 , 33, 74-80	6
551	Exogenous arachidonic acid mediates permeability of human brain microvessel endothelial cells through prostaglandin E $_{2}$ activation of EP $_{3}$ and EP $_{4}$ receptors. 2015 , 135, 867-79	16
550	Evaluating the Analgesic Efficacy of Solanum surattense (Herbal Seed Extract) in Relieving Pulpal Pain-An In-vivo Study. 2015 , 5,	0
549	Cigarette Smoke Amplifies Inflammatory Response and Atherosclerosis Progression Through Activation of the H1R-TLR2/4-COX2 Axis. <i>Frontiers in Immunology</i> , 2015 , 6, 572	8.4 30
548	Artesunate inhibits the growth and induces apoptosis of human gastric cancer cells by downregulating COX-2. 2015 , 8, 845-54	35
547	Detection and characterisation of Lactobacillus spp. in the bovine uterus and their influence on bovine endometrial epithelial cells in vitro. 2015 , 10, e0119793	25
546	Impaired Expression of Prostaglandin E $_{2}$ (PGE $_{2}$) Synthesis and Degradation Enzymes during Differentiation of Immortalized Urothelial Cells from Patients with Interstitial Cystitis/Painful Bladder Syndrome. 2015 , 10, e0129466	2

545	Computational Structure-Based De Novo Design of Hypothetical Inhibitors against the Anti-Inflammatory Target COX-2. 2015 , 10, e0134691	18
544	Comparing the anti-inflammatory effect of nanoencapsulated lycopene and lycopene on RAW 264.7 macrophage cell line. 2015 , 48, 459	2
543	NSAIDs and Cardiovascular Diseases: Role of Reactive Oxygen Species. 2015 , 2015, 536962	78
542	Epigenetic regulations of inflammatory cyclooxygenase-derived prostanoids: molecular basis and pathophysiological consequences. 2015 , 2015, 841097	12
541	Antioxidant, Hepatoprotective Potential and Chemical Profiling of Propolis Ethanolic Extract from Kashmir Himalaya Region Using UHPLC-DAD-QToF-MS. 2015 , 2015, 393462	17
540	Mechanistic Perspectives of Maslinic Acid in Targeting Inflammation. 2015 , 2015, 279356	27
539	Carum carvi Linn (Umbelliferae) Attenuates Lipopolysaccharide-Induced Neuroinflammatory Responses via Regulation of NF- κ B Signaling in BV-2 Microglia. 2015 , 14, 1041	3
538	Reactive oxygen species induce Cox-2 expression via TAK1 activation in synovial fibroblast cells. 2015 , 5, 492-501	73
537	Targeting the COX-2 Pathway to Improve Therapeutic Response in the Obese Breast Cancer Patient Population. 2015 , 1, 336-345	10
536	Noni (Morinda citrifolia L.) Fruit Extracts Improve Colon Microflora and Exert Anti-Inflammatory Activities in Caco-2 Cells. 2015 , 18, 663-76	24
535	Synthesis and characterization of novel oxazines and demonstration that they specifically target cyclooxygenase 2. 2015 , 25, 2931-6	32
534	Prevention of chemically induced urinary bladder cancers by naproxen: protocols to reduce gastric toxicity in humans do not alter preventive efficacy. 2015 , 8, 296-302	16
533	Potency of non-steroidal anti-inflammatory drugs in chemotherapy. 2015 , 3, 3-12	37
532	Effect of firocoxib on cyclooxygenase 2, microsomal prostaglandin E2 synthase 1, and cytosolic phospholipase A2 gene expression in equine mononuclear cells. 2015 , 76, 1051-7	3
531	Physiology and pathophysiology of cyclooxygenase-2 and prostaglandin E2 in the kidney. <i>Kidney Research and Clinical Practice</i> , 2015 , 34, 194-200	3.6 93
530	Continuous irradiation with a 633-nm light-emitting diode exerts an anti-aging effect on human skin cells. 2015 , 35, 383-90	7
529	NSAIDs: learning new tricks from old drugs. 2015 , 45, 679-86	62
528	New Insights into the Role of Histone Deacetylases as Coactivators of Inflammatory Gene Expression. 2015 , 23, 85-98	12

527	The CC-genotype of the cyclooxygenase-2 gene associates with decreased risk of nasopharyngeal carcinoma in a Tunisian population. 2015 , 63, 7-10	4
526	Species differential regulation of COX2 can be described by an NFB-dependent logic AND gate. 2015 , 72, 2431-43	19
525	Cyclooxygenase-2 expression is a prognostic biomarker for non-small cell lung cancer patients treated with adjuvant platinum-based chemotherapy. 2015 , 13, 21	16
524	Metabolic and Histopathological Effects of Fructose Intake During Pregestation, Gestation and Lactation in Rats and their Offspring. 2015 , 7, 19-26	7
523	Muscle Segment Homeobox Genes Direct Embryonic Diapause by Limiting Inflammation in the Uterus. 2015 , 290, 15337-49	12
522	Ascorbic acid attenuates antineoplastic drug 5-fluorouracil induced gastrointestinal toxicity in rats by modulating the expression of inflammatory mediators. 2015 , 2, 908-916	20
521	Is prostaglandin E2 (PGE2) involved in the thermogenic response to environmental cooling in healthy humans?. 2015 , 85, 607-11	11
520	Retinal Glia. 2015 , 2, 1-644	2
519	Triblock Conjugates: Identification of a Highly Potent Antiinflammatory Agent. 2015 , 58, 5989-6001	34
518	Lipoxins exert antiangiogenic and anti-inflammatory effects on Kaposi's sarcoma cells. 2015 , 166, 111-33	21
517	n-3 Polyunsaturated Fatty Acids and their Role in Cancer Chemoprevention. 2015 , 1, 283-294	48
516	Thromboxane synthase deficiency improves insulin action and attenuates adipose tissue fibrosis. 2015 , 308, E792-804	17
515	Synthesis of novel 1-substituted triazole linked 1,2-benzothiazine 1,1-dioxido propenone derivatives as potent anti-inflammatory agents and inhibitors of monocyte-to-macrophage differentiation. 2015 , 6, 1494-1500	7
514	Quantitation of celecoxib and four of its metabolites in rat blood by UPLC-MS/MS clarifies their blood distribution patterns and provides more accurate pharmacokinetics profiles. 2015 , 1001, 202-11	12
513	Novel Resveratrol-Based Aspirin Prodrugs: Synthesis, Metabolism, and Anticancer Activity. 2015 , 58, 6494-506	38
512	Biological principles behind accelerated tooth movement. 2015 , 21, 151-161	14
511	The effect of dietary arachidonic acid (ARA) on growth performance, fatty acid composition and expression of ARA metabolism-related genes in larval half-smooth tongue sole (<i>Cynoglossus semilaevis</i>). 2015 , 113, 1518-30	24
510	Gastroprotective effect of andrographolide sodium bisulfite against indomethacin-induced gastric ulceration in rats. 2015 , 26, 384-91	39

509	A possible role of aryl hydrocarbon receptor in spontaneous preterm birth. 2015 , 84, 494-7	6
508	Inflammatory Factor Alterations in the Gastrointestinal Tract of Cocks Overexposed to Arsenic Trioxide. 2015 , 167, 288-99	20
507	Diacetyloxyl derivatization of the fibroblast growth factor inhibitor dobesilate enhances its anti-inflammatory, anti-angiogenic and anti-tumoral activities. 2015 , 13, 48	10
506	Case Studies in Drug Discovery. 2015 , 499-529	2
505	A multi-targeted approach to suppress tumor-promoting inflammation. 2015 , 35 Suppl, S151-S184	76
504	Toxicological evaluation of sediment samples spiked with human pharmaceutical products: Energy status and neuroendocrine effects in marine polychaetes <i>Hediste diversicolor</i> . 2015 , 118, 27-36	33
503	Terpenoids Isolated From the Shoot of <i>Plectranthus hadiensis</i> Induces Apoptosis in Human Colon Cancer Cells Via the Mitochondria-Dependent Pathway. 2015 , 67, 697-705	8
502	Elevation of cardiovascular risk by non-steroidal anti-inflammatory drugs. 2015 , 25, 726-35	22
501	PEP-1-SIRT2 causes dedifferentiation and COX-2 expression via the MAPK pathways in rabbit articular chondrocytes. 2015 , 339, 351-9	10
500	Aspirin and multiple sclerosis. 2015 , 13, 153	14
499	Lysophosphatidic acid signaling in ovarian cancer. 2015 , 35, 578-84	24
498	Omega-3-Acid Ethyl Esters Block the Protumorigenic Effects of Obesity in Mouse Models of Postmenopausal Basal-like and Claudin-Low Breast Cancer. 2015 , 8, 796-806	16
497	Urinary metabolites of prostanoids and risk of recurrent colorectal adenomas in the Aspirin/Folate Polyp Prevention Study (AFPPS). 2015 , 8, 1061-8	16
496	Artesunate Ameliorates Functional Limitations in Freund's Complete Adjuvant-Induced Monoarthritis in Rat by Maintaining Oxidative Homeostasis and Inhibiting COX-2 Expression. 2015 , 38, 1028-35	28
495	Application of unfolded principal component analysis-radial basis function neural network for determination of celecoxib in human serum by three-dimensional excitation-emission matrix fluorescence spectroscopy. 2015 , 138, 675-83	6
494	Celecoxib prevents curcumin-induced apoptosis in a hematopoietic cancer cell model. 2015 , 54, 999-1013	9
493	Biological Mechanisms to Accelerate Tooth Movement. 2015 , 787-798	4
492	Endocannabinoid degradation inhibition improves neurobehavioral function, blood-brain barrier integrity, and neuroinflammation following mild traumatic brain injury. 2015 , 32, 297-306	54

491	Flavonoids inhibit COX-1 and COX-2 enzymes and cytokine/chemokine production in human whole blood. 2015 , 38, 858-70		55
490	Incorporation of eicosatrienoic acid exerts mild anti-inflammatory properties in murine RAW264.7 cells. 2015 , 38, 534-45		6
489	Utility of a human-mouse xenograft model and in vivo near-infrared fluorescent imaging for studying wound healing. 2015 , 12, 699-705		12
488	Paulistine--The Functional Duality of a Wasp Venom Peptide Toxin. 2016 , 8,		4
487	Chongcao-Shencha Attenuates Liver and Kidney Injury through Attenuating Oxidative Stress and Inflammatory Response in D-Galactose-Treated Mice. 2016 , 2016, 3878740		6
486	Improved Antitumor Activity of a Therapeutic Melanoma Vaccine through the Use of the Dual COX-2/5-LO Inhibitor Licofelone. <i>Frontiers in Immunology</i> , 2016 , 7, 537	8.4	9
485	Cytokine Attenuation and Free Radical Scavenging Activity of a New Flavanone 7,4'-Dihydroxy-3',3'-Dimethyl-(5,6-Pyrano-2'-One)-8-(3',3'-Dimethyl Allyl)- Isolated from <i>Mallotus philippensis</i> : Possible Mechanism for Its Anti-Inflammatory Activity. 2016 , 11, e0167294		3
484	Flavonoids in Inflammatory Bowel Disease: A Review. <i>Nutrients</i> , 2016 , 8, 211	6.7	136
483	LPS-induced Murine Neuroinflammation Model: Main Features and Suitability for Pre-clinical Assessment of Nutraceuticals. 2016 , 14, 155-64		164
482	Efficacy and Safety of Celecoxib Therapy in Osteoarthritis: A Meta-Analysis of Randomized Controlled Trials. 2016 , 95, e3585		19
481	Biphasic Theory of Tooth Movement: Cytokine Expression and Rate of Tooth Movement. 2016 , 45-65		2
480	Modulatory effect of cadmium on the expression of phospholipase A2 and proinflammatory genes in rat testis. 2016 , 31, 1176-84		9
479	The protein kinase promiscuities in the cancer-preventive mechanisms of NSAIDs. 2016 , 25, 77-84		2
478	A pro-nociceptive phenotype unmasked in mice lacking fatty-acid amide hydrolase. 2016 , 12,		36
477	Crosstalk between purinergic receptors and lipid mediators in leishmaniasis. 2016 , 9, 489		16
476	Rational Design of Small Peptides for Optimal Inhibition of Cyclooxygenase-2: Development of a Highly Effective Anti-Inflammatory Agent. 2016 , 59, 3920-34		19
475	Anti-inflammatory effect of birsonimadiol from seeds of. 2016 , 25, 561-566		2
474	Synthesis, cyclooxygenase inhibition, anti-inflammatory evaluation and ulcerogenic liability of new 1-phenylpyrazolo[3,4-d]pyrimidine derivatives. 2016 , 31, 6-12		29

473	Simultaneous determination of parecoxib sodium and its active metabolite valdecoxib in rat plasma by UPLC-MS/MS and its application to a pharmacokinetic study after intravenous and intramuscular administration. 2016 , 1022, 220-229	7
472	Dual inhibition of COX-2/5-LOX blocks colon cancer proliferation, migration and invasion in vitro. 2016 , 35, 1680-8	25
471	Deciphering variability in the role of interleukin-1 β in Parkinson's disease. 2016 , 27, 635-50	11
470	Molecular and Experimental Basis for COX Inhibition in Cancer. 2016 , 175-201	
469	Berberine and Its Role in Chronic Disease. 2016 , 928, 27-45	106
468	Efficacy comparison of lyophilised black raspberries and combination of celecoxib and PBIT in prevention of carcinogen-induced oesophageal cancer in rats. 2016 , 27, 84-94	8
467	Alleviation of 5-fluorouracil-induced intestinal mucositis in rats by vitamin E via targeting oxidative stress and inflammatory markers. 2016 , 13, 377-385	11
466	An Overview of Nonsteroidal Antiinflammatory Drug Reactions. 2016 , 36, 625-641	16
465	Synthetic strategy with representation on mechanistic pathway for the therapeutic applications of dihydroquinazolinones. 2016 , 123, 596-630	22
464	Meta-analysis of cyclooxygenase-2 (COX-2) 765G>C polymorphism and Alzheimer's disease. 2016 , 31, 4-9	2
463	Nimesulide, a cyclooxygenase-2 selective inhibitor, suppresses obesity-related non-alcoholic fatty liver disease and hepatic insulin resistance through the regulation of peroxisome proliferator-activated receptor α 2016 , 38, 721-8	20
462	A Free Radical Primer. 2016 , 1-33	4
461	Effect of non-steroidal anti-inflammatory drugs on biological properties of Acanthamoeba castellanii belonging to the T4 genotype. 2016 , 168, 45-50	1
460	NSAIDs and Aspirin. 2016 ,	4
459	A comparison of the effects of an Ascophyllum nodosum ethanol extract and its molecular weight fractions on the inflammatory immune gene expression in-vitro and ex-vivo. 2016 , 37, 276-285	16
458	Improved solubility of celecoxib by inclusion in SBA-15 mesoporous silica: Drug loading in different solvents and release. 2016 , 235, 211-223	29
457	Lipid Mediators in Inflammation. 2016 , 4,	69
456	Cyclooxygenase-2 Mediated Oxidation of 2-Arachidonoyl-Lysophospholipids Identifies Unknown Lipid Signaling Pathways. 2016 , 23, 1217-1227	29

455	Genotypic distribution of single nucleotide polymorphisms in oral cancer: global scene. 2016 , 37, 14501-14512	12
454	Oxidative stress and abdominal aortic aneurysm: potential treatment targets. 2016 , 130, 301-15	63
453	Microextraction by packed sorbent and HPLC-PDA quantification of multiple anti-inflammatory drugs and fluoroquinolones in human plasma and urine. 2016 , 31, 110-116	43
452	Action mechanism and cardiovascular effect of anthocyanins: a systematic review of animal and human studies. 2016 , 14, 315	119
451	Inhibition of cyclooxygenase-2 by NS398 attenuates noise-induced hearing loss in mice. 2016 , 6, 22573	7
450	Oxymatrine attenuated isoproterenol-induced heart failure in rats via regulation of COX-2/PGI pathway. 2016 , 84, 1359-1366	14
449	Clinical and prognosis relevance of COX-2 expression in Tunisian patients with primary gastric adenocarcinoma. 2016 , 17, 67-73	4
448	Cyclooxygenase Inhibitors as a New Therapeutic Strategy in Small Bowel Transplantation. 2016 , 100, 2324-2331	3
447	Conjugation with alginate oligosaccharide via the controlled Maillard reaction in a dry state is an effective method for the preparation of salmon myofibrillar protein with excellent anti-inflammatory activity. 2016 , 82, 357-367	6
446	Biology of Orthodontic Tooth Movement. 2016 ,	6
445	Anti-myocardial ischemia effect of <i>Syringa pinnatifolia</i> Hemsl. by inhibiting expression of cyclooxygenase-1 and -2 in myocardial tissues of mice. 2016 , 187, 259-68	23
444	Synthesis and in silico investigation of thiazoles bearing pyrazoles derivatives as anti-inflammatory agents. 2016 , 61, 86-96	42
443	Correlation Between Cyclo-oxygenase-2 and Vascular Endothelial Growth Factor Expression in Canine and Feline Squamous Cell Carcinomas. 2016 , 154, 297-303	11
442	Therapies targeting lipid peroxidation in traumatic brain injury. 2016 , 1640, 57-76	70
441	Pathologic Features of Colorectal Inflammatory Polyps in Miniature Dachshunds. 2016 , 53, 833-9	17
440	Effects of peptides derived from traditional Greek yoghurt on expression of pro- and anti-inflammatory genes by ovine monocytes and neutrophils. 2016 , 27, 484-495	5
439	High glucose-induced hyperosmolarity contributes to COX-2 expression and angiogenesis: implications for diabetic retinopathy. 2016 , 15, 18	53
438	Effects of cell phone radiation on lipid peroxidation, glutathione and nitric oxide levels in mouse brain during epileptic seizure. 2016 , 75, 111-5	12

437	Analgesic medication use and risk of epithelial ovarian cancer in African American women. 2016 , 114, 819-25	20
436	Mitigation of 5-fluorouracil-induced liver damage in rats by vitamin C via targeting redox-sensitive transcription factors. 2016 , 35, 1203-1213	11
435	Cyclooxygenase 2 (rs2745557) Polymorphism and the Susceptibility to Benign Prostate Hyperplasia and Prostate Cancer in Egyptians. 2016 , 54, 326-336	2
434	Paeoniflorin ameliorates rheumatoid arthritis in rat models through oxidative stress, inflammation and cyclooxygenase 2. 2016 , 11, 655-659	41
433	DNA methylation in endometriosis (Review). 2016 , 13, 2939-48	48
432	Inhibition of Neutrophil Extracellular Trap Formation after Stem Cell Transplant by Prostaglandin E2. 2016 , 193, 186-97	51
431	3-methyl-2-phenyl-1-substituted-indole derivatives as indomethacin analogs: design, synthesis and biological evaluation as potential anti-inflammatory and analgesic agents. 2016 , 31, 318-24	46
430	Genetic variants in TNF α TGFB1, PTGS1 and PTGS2 genes are associated with diisocyanate-induced asthma. 2016 , 13, 119-26	22
429	Using wheat bran and soybean meal as solid state fermentation substances for the production of Xylaria nigripes with bioactivities. 2017 , 70, 127-133	9
428	Protective effects of apigenin and myricetin against cisplatin-induced nephrotoxicity in mice. 2017 , 55, 766-774	61
427	Molecular investigation of the direct anti-tumour effects of nonsteroidal anti-inflammatory drugs in a panel of canine cancer cell lines. 2017 , 221, 38-47	24
426	Role of cyclooxygenase in the vascular response to locally delivered acetylcholine in Caucasian and African descent individuals. 2017 , 111, 80-87	5
425	Using a biologically annotated library to analyze the anticancer mechanism of serine palmitoyl transferase (SPT) inhibitors. 2017 , 7, 495-503	7
424	Persicarin isolated from protects against diabetes-induced oxidative stress and inflammation in the liver of streptozotocin-induced type 1 diabetic mice. 2017 , 13, 1194-1202	10
423	Development of In Vitro Embryo Production System Using Collagen Matrix Gel Attached with Vascular Endothelial Growth Factor Derived from Interleukin-1 Beta-Treated Porcine Endometrial Tissue. 2017 , 23, 396-403	1
422	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
421	Anti-inflammatory effects of an ethanol extract of Aster glehni via inhibition of NF- κ B activation in mice with DSS-induced colitis. 2017 , 8, 2611-2620	31
420	The effect of low-level diode laser on COX-2 gene expression in chronic periodontitis patients. 2017 , 32, 1463-1468	6

4 ¹⁹	In vitro and in vivo assessment of anti-inflammatory and immunomodulatory activities of <i>Xylaria nigripes</i> mycelium. 2017 , 35, 81-89	11
4 ¹⁸	Bioactive lipids derived from arachidonic acid metabolism in different types of renal replacement therapy. 2017 , 206, 71-77	3
4 ¹⁷	Enhanced expression of Organic Cation Transporters in bronchial epithelial cell layers following insults associated with asthma - Impact on salbutamol transport. 2017 , 106, 62-70	8
4 ¹⁶	Expression of nm23-H1 and COX-2 in thyroid papillary carcinoma and microcarcinoma. 2017 , 13, 3547-3555	5
4 ¹⁵	Plant Sterol Esters in Extruded Food Model Inhibits Colon Carcinogenesis by Suppressing Inflammation and Stimulating Apoptosis. 2017 , 20, 659-666	4
4 ¹⁴	Quantitative targeted metabolomics for 15d-deoxy- β 2, 14-PGJ2 (15d-PGJ2) by MALDI-MS. 2017 , 22, 100-106	2
4 ¹³	Photodynamic therapeutic efficacy of symmetrical diiodinated squaraine in in vivo skin cancer models. 2017 , 18, 302-309	5
4 ¹²	Synthesis and biological evaluation of novel podophyllotoxin-NSAIDs conjugates as multifunctional anti-MDR agents against resistant human hepatocellular carcinoma Bel-7402/5-FU cells. 2017 , 131, 81-91	24
4 ¹¹	Gastric toxicity involving alterations of gastritis-related protein expression in mice following long-term exposure to nano TiO. 2017 , 95, 38-45	17
4 ¹⁰	Production of <i>Xylaria nigripes</i> -fermented grains by solid-state fermentation and an assessment of their resulting bioactivity. 2017 , 81, 18-25	1
4 ⁰⁹	Discovery of a COX-2 selective inhibitor hit with anti-inflammatory activity and gastric ulcer protective effect. 2017 , 9, 1899-1912	12
4 ⁰⁸	Chemical characterization of proanthocyanidins in purple, blue, and red maize coproducts from different milling processes and their anti-inflammatory properties. 2017 , 109, 464-475	22
4 ⁰⁷	Methylmercury promotes prostacyclin release from cultured human brain microvascular endothelial cells via induction of cyclooxygenase-2 through activation of the EGFR-p38 MAPK pathway by inhibiting protein tyrosine phosphatase 1B activity. 2017 , 392, 40-46	15
4 ⁰⁶	Cyclooxygenase 2: protein-protein interactions and posttranslational modifications. 2017 , 49, 667-681	27
4 ⁰⁵	Modulation of cyclic nucleotide-mediated cellular signaling and gene expression using photoactivated adenylyl cyclase as an optogenetic tool. 2017 , 7, 12048	10
4 ⁰⁴	Effect of crotonaldehyde on the induction of COX-2 expression in human endothelial cells. 2017 , 13, 345-350	8
4 ⁰³	New Anti-Inflammatory Hybrid N-Acyl Hydrazone-Linked Isoxazole Derivatives as COX-2 Inhibitors:Rational Design, Synthesis and Biological Evaluation. 2017 , 2, 8091-8100	7
4 ⁰²	Pathophysiology and Treatment of Postoperative Ileus. 2017 , 140-152	1

401	Cyclooxygenase-2 contributes to oxidopamine-mediated neuronal inflammation and injury via the prostaglandin E2 receptor EP2 subtype. 2017 , 7, 9459	33
400	Beyond COX-1: the effects of aspirin on platelet biology and potential mechanisms of chemoprevention. 2017 , 36, 289-303	89
399	Effect of celecoxib and cisplatin combination on apoptosis and cell proliferation in a mouse model of chemically-induced colonic aberrant crypt foci. 2017 , 4, 323-331	2
398	4,5-Di-O-Caffeoylquinic Acid from <i>Ligularia fischeri</i> Suppresses Inflammatory Responses Through TRPV1 Activation. 2017 , 31, 1564-1570	11
397	Effect of uric acid on inflammatory COX-2 and ROS pathways in vascular smooth muscle cells. 2017 , 37, 500-505	18
396	A fucoidan fraction purified from <i>Chnoospora minima</i> ; a potential inhibitor of LPS-induced inflammatory responses. 2017 , 104, 1185-1193	74
395	Chemoprevention of Colorectal Cancer in High-Risk Patients: from Molecular Targets to Clinical Trials. 2017 , 13, 192-204	
394	<i>H. pylori</i> infection increases gastric mucosal COX2 and mTOR expression in chronic gastritis: Implications for cancer progression?. 2017 , 24, 205-211	6
393	Thermal, spectroscopic and biological studies on solid ibuprofen complexes of heavy trivalent lanthanides and yttrium. 2017 , 647, 47-54	7
392	Synthesis, Photophysical and Photochemical Properties of a Set of Silicon Phthalocyanines Bearing Anti-Inflammatory Groups. 2017 , 27, 407-416	14
391	Risk of perioperative bleeding related to highly selective cyclooxygenase-2 inhibitors: A systematic review and meta-analysis. 2017 , 46, 520-528	35
390	Effect of the solvent composition and annealing process on the preparation of spray freeze-dried acetaminophen powder. 2017 , 35, 625-630	2
389	The Role of Cyclooxygenase-2 in Colorectal Carcinogenesis. 2017 , 16, 165-172	31
388	Lipid Mediators in Inflammation. 2017 , 343-366	1
387	Prognostic value of Cox-2 and PD-L1 expression and its relationship with tumor-infiltrating lymphocytes in resected lung adenocarcinoma. 2017 , 9, 741-750	14
386	Synthesis and anti-inflammatory evaluation of novel thiadiazol derivatives of Mefenamic acid. 2017 , 31, 171	1
385	n-Hexane Insoluble Fraction of <i>Plantago lanceolata</i> Exerts Anti-Inflammatory Activity in Mice by Inhibiting Cyclooxygenase-2 and Reducing Chemokines Levels. 2017 , 85,	7
384	Taheebo Polyphenols Attenuate Free Fatty Acid-Induced Inflammation in Murine and Human Macrophage Cell Lines As Inhibitor of Cyclooxygenase-2. 2017 , 4, 63	16

383	The oxylipin and endocannabinoid responses in acute phase Plasmodium falciparum malaria in children. 2017 , 16, 358	6
382	Effects of metamizole, MAA, and paracetamol on proliferation, apoptosis, and necrosis in the pancreatic cancer cell lines PaTu 8988 t and Panc-1. 2017 , 18, 77	8
381	Cytokine-mediated Differential Regulation of Cyclooxygenase-2, High Mobility Group Box 1 Protein and Matrix Metalloproteinase-9 Expression in Fibroblast-like Synovial Cells. 2017 , 07,	
380	Effects of celecoxib and L-NAME on apoptosis and cell cycle of MCF-7 CD44+/CD24 ^{low} subpopulation. 2017 , 41, 826-834	3
379	Protective effect of bovine milk against HCl and ethanol-induced gastric ulcer in mice. 2018 , 101, 3758-3770	24
378	Celecoxib-Induced Self-Assembly of Smart Albumin-Doxorubicin Conjugate for Enhanced Cancer Therapy. 2018 , 10, 8555-8565	30
377	The potential of fucoidans from Chnoospora minima and Sargassum polycystum in cosmetics: antioxidant, anti-inflammatory, skin-whitening, and antiwrinkle activities. 2018 , 30, 3223-3232	43
376	Evaluation of the effect of polyphenol of escin compared with ibuprofen and dexamethasone in synoviocyte model for osteoarthritis: an in vitro study. 2018 , 37, 2471-2478	9
375	Electrochemical characterization of a novel nimesulide anti-inflammatory drug analog: LQFM-091. 2018 , 818, 92-96	1
374	Molecular markers associated with development and progression of potentially premalignant oral epithelial lesions: Current knowledge and future implications. 2018 , 125, 650-669	47
373	Morphological and Biochemical Features of Cerebellar Cortex After Exposure to Zinc Oxide Nanoparticles: Possible Protective Role of Curcumin. 2018 , 301, 1454-1466	9
372	Anti-inflammatory effect of avenanthramides via NF- κ B pathways in C2C12 skeletal muscle cells. 2018 , 117, 30-36	25
371	Encyclopedia of Signaling Molecules. 2018 , 648-648	
370	Encyclopedia of Signaling Molecules. 2018 , 678-678	
369	Encyclopedia of Signaling Molecules. 2018 , 1254-1254	
368	Encyclopedia of Signaling Molecules. 2018 , 962-967	
367	K313, a novel benzoxazole derivative, exhibits anti-inflammatory properties via inhibiting GSK3 β activity in LPS-induced RAW264.7 macrophages. 2018 , 119, 5382-5390	16
366	Dual cyclooxygenase-fatty acid amide hydrolase inhibitor exploits novel binding interactions in the cyclooxygenase active site. 2018 , 293, 3028-3038	9

365	Anti-inflammatory profile of <i>Aegle marmelos</i> (L) Correa (Bilva) with special reference to young roots grown in different parts of India. 2018 , 9, 90-98	10
364	Pharmacologic and Clinical Application of Non-Steroidal Anti-Inflammatory Analgesics. 2018 , 134-143	1
363	Hypothyroidism increases cyclooxygenase-2 levels and pro-inflammatory response and decreases cell proliferation and neuroblast differentiation in the hippocampus. 2018 , 17, 5782-5788	10
362	Perioperative Management of Patients with Inflammatory Rheumatic Diseases Undergoing Major Orthopaedic Surgery: A Practical Overview. 2018 , 35, 439-456	21
361	The molecular aspects of oxidative & nitrosative stress and the tryptophan catabolites pathway (TRYCATs) as potential causes of depression. 2018 , 262, 566-574	28
360	Synthesis, in vitro and in silico evaluation of novel trans-stilbene analogues as potential COX-2 inhibitors. 2018 , 26, 141-151	16
359	Increased susceptibility of aging gastric mucosa to injury and delayed healing: Clinical implications. 2018 , 24, 4721-4727	12
358	An ex vivo human aqueous humor-concentration comparison of two commercial bromfenac formulations. 2018 , 12, 943-947	3
357	Do etoricoxib and indometacin have similar effects and safety for gouty arthritis? A meta-analysis of randomized controlled trials. 2019 , 12, 83-91	7
356	Understanding the Role of Innate Immunity in the Response to Intracortical Microelectrodes. 2018 , 46, 341-367	11
355	Osteoarthritis: Potential for Herbal Medicines as Therapies in the Management of Chronic Inflammatory Damage. 2018 , 14, 68-80	2
354	Potential clinically useful prognostic biomarkers in triple-negative breast cancer: preliminary results of a retrospective analysis. 2018 , 10, 177-194	9
353	Anti-inflammatory and Antioxidant Properties of Probiotic Bacterium AN1 and SNR1 in Wistar Albino Rats. 2018 , 9, 3063	28
352	Inhibitors of the Metabolism of Arachidonic Acid Suppress Ca ²⁺ Responses Induced by Trifluoperazine in Macrophages. 2018 , 12, 315-322	
351	Perioperative Stress, Inflammation, and Cancer Progression: Opportunities for Intervention in Breast and Colorectal Cancer Surgery Utilizing Beta-Adrenergic Blockade and COX-2 Inhibition. 2018 , 8, 386-392	2
350	DETERMINATION OF PHYTOCOMPONENTS IN ETHANOL EXTRACT OF BRASSICA OLERACEA - USING GAS CHROMATOGRAPHY/MASS SPECTROSCOPY TECHNIQUE. 2018 , 11, 133	0
349	Benzoxime carbaldehyde prevents rheumatoid arthritis in a rat model by inhibition of oxidative damage. 2018 , 17, 1579	
348	Oxidative Stress and Arterial Dysfunction in Peripheral Artery Disease. 2018 , 7,	29

347	Yes-associated protein (YAP) and transcriptional coactivator with PDZ-binding motif (TAZ) mediate cell density-dependent proinflammatory responses. 2018 , 293, 18071-18085		17
346	Anti-inflammatory effects and the molecular pattern of the therapeutic effects of dietary seeds of <i>Adenantha Pavonina</i> in albino rats. 2018 ,		
345	Impact of structural alterations on the radiopharmacological profile of F-labeled pyrimidines as cyclooxygenase-2 (COX-2) imaging agents. 2018 , 62-63, 9-17		4
344	Design and Synthesis of Aza-/Oxa Heterocycle-Based Conjugates as Novel Anti-Inflammatory Agents Targeting Cyclooxygenase-2. 2018 , 3, 5825-5845		10
343	Bis (3-bromo-4,5-dihydroxybenzyl) ether, a novel bromophenol from the marine red alga <i>Polysiphonia morrowii</i> that suppresses LPS-induced inflammatory response by inhibiting ROS-mediated ERK signaling pathway in RAW 264.7 macrophages. 2018 , 103, 1170-1177		19
342	Celecoxib treatment improves muscle function in mdx mice and increases utrophin A expression. <i>FASEB Journal</i> , 2018 , 32, 5090-5103	0.9	10
341	Impact of COX2 Inhibitor for Regulation of PD-L1 Expression in Non-small Cell Lung Cancer. 2018 , 38, 4637-4644		19
340	Inflammation and Tissue Remodeling in the Bladder and Urethra in Feline Interstitial Cystitis. 2018 , 12, 13		8
339	Cerebrovascular Injury After Serial Exposure to Chronic Stress and Abstinence from Methamphetamine Self-Administration. 2018 , 8, 10558		4
338	Natural Dietary Pigments: Potential Mediators against Hepatic Damage Induced by Over-The-Counter Non-Steroidal Anti-Inflammatory and Analgesic Drugs. <i>Nutrients</i> , 2018 , 10,	6.7	19
337	COX inhibitors and bone: A safer impact on osteoblasts by NO-releasing NSAIDs. 2018 , 208, 10-19		8
336	Synthesis and Biological Activities of Vicinal Diaryl Furans. 2018 , 221-244		
335	Identification of Specific Components of the Eicosanoid Biosynthetic and Signaling Pathway Involved in Pathological Inflammation during Intra-abdominal Infection with <i>Candida albicans</i> and <i>Staphylococcus aureus</i> . 2018 , 86,		8
334	Lipids as Nutraceuticals: A Shift in Paradigm. 2018 , 51-98		3
333	Acid-degradable Dextran as an Image Guided siRNA Carrier for COX-2 Downregulation. 2018 , 8, 1-12		25
332	The Pathogenesis of Diabetes Mellitus by Oxidative Stress and Inflammation: Its Inhibition by Berberine. <i>Frontiers in Pharmacology</i> , 2018 , 9, 782	5.6	61
331	Introduction to Cardiovascular Physiology. 2018 , 29-45		2
330	Tailoring the Substitution Pattern on 1,3,5-Triazine for Targeting Cyclooxygenase-2: Discovery and Structure-Activity Relationship of Triazine-4-Aminophenylmorpholin-3-one Hybrids that Reverse Algesia and Inflammation in Swiss Albino Mice. 2018 , 61, 7929-7941		14

329	In Vivo Pharmacokinetics of Bromfenac Ophthalmic Solution 0.075%, Bromfenac Ophthalmic Solution 0.07%, and Nepafenac/Amfenac Ophthalmic Suspension 0.3% in Rabbits. 2018 , 7, 157-165		10
328	Mediators of Inflammation. 2018 , 3-32		2
327	Efficacy and safety of bromfenac 0.075% formulated in DuraSite for pain and inflammation in cataract surgery. 2019 , 20, 1703-1709		5
326	Ginkgolic Acid is a Multi-Target Inhibitor of Key Enzymes in Pro-Inflammatory Lipid Mediator Biosynthesis. <i>Frontiers in Pharmacology</i> , 2019 , 10, 797	5.6	17
325	Constituents of the Edible Leaves of with Potential Analgesic Activity. 2019 , 82, 2201-2210		3
324	COX-1/COX-2 inhibition activities and molecular docking study of newly designed and synthesized pyrrolo[3,4-c]pyrrole Mannich bases. 2019 , 27, 3918-3928		10
323	Can intravesical application of paracetamol benefit the chemotherapy treatment of bladder cancer?. 2019 , 131, 109322		
322	Arachidonic Acid Metabolism and Kidney Inflammation. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	74
321	Examining barbiturate scaffold for the synthesis of new agents with biological interest. 2019 , 11, 2063-2079		5
320	n-3 PUFA Sources (Precursor/Products): A Review of Current Knowledge on Rabbit. 2019 , 9,		16
319	DNA damage and repair in neuropsychiatric disorders. What do we know and what are the future perspectives?. 2020 , 35, 79-106		7
318	Drugging cancer metabolism: Expectations vs. reality. 2019 , 347, 1-26		12
317	ROS Generation and Antioxidant Defense Systems in Normal and Malignant Cells. 2019 , 2019, 6175804		265
316	Curcumin and capsaicin modulates LPS induced expression of COX-2, IL-6 and TGF- β in human peripheral blood mononuclear cells. 2019 , 71, 963-976		6
315	Suppression of COX-2 mRNA abundance in in vitro cultured goat (<i>Capra hircus</i>) endometrial cells by RNA interference and effect on PGF ₂ α and PGE ₂ concentrations. 2019 , 209, 106146		1
314	PGE-Containing Protocols Generate Mature (Leukemia-Derived) Dendritic Cells Directly from Leukemic Whole Blood. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	4
313	Glutathione Induced Immune-Stimulatory Activity by Promoting M1-Like Macrophages Polarization via Potential ROS Scavenging Capacity. 2019 , 8,		19
312	Potential Novel Strategies for the Treatment of Dental Pulp-Derived Pain: Pharmacological Approaches and Beyond. <i>Frontiers in Pharmacology</i> , 2019 , 10, 1068	5.6	6

311	Lipid mediators in immune regulation and resolution. 2019 , 176, 1009-1023		44
310	PTGER3 induces ovary tumorigenesis and confers resistance to cisplatin therapy through up-regulation Ras-MAPK/Erk-ETS1-ELK1/CFTR1 axis. 2019 , 40, 290-304		20
309	Hydrogen Donation but not Abstraction by a Tyrosine (Y68) during Endoperoxide Installation by Verrucologen Synthase (FtmOx1). 2019 , 141, 9964-9979		14
308	Structure characteristics of flavonoids for cyclooxygenase-2 mRNA inhibition in lipopolysaccharide-induced inflammatory macrophages. 2019 , 856, 172416		6
307	Astragalus polysaccharides attenuated inflammation and balanced the gut microflora in mice challenged with Salmonella typhimurium. 2019 , 74, 105681		26
306	High Antioxidant Capacities and Anti-inflammatory Effects of Hammada elegans Botsch. Extracts: An in vitro Assessment. 2019 , 15, 55-68		1
305	Natural Products from Cyanobacteria: Focus on Beneficial Activities. 2019 , 17,		96
304	Prospects for the introduction of targeted antioxidant drugs for the prevention and treatment of diseases related to free radical pathology. 2019 , 28, 593-603		17
303	MicroRNA-144-3p may participate in the pathogenesis of preeclampsia by targeting Cox-2. 2019 , 19, 4655-4662		11
302	Structural modification of indomethacin toward selective inhibition of COX-2 with a significant increase in van der Waals contributions. 2019 , 27, 1789-1794		5
301	Arachidonic Acid Derived Lipid Mediators Influence Kaposi's Sarcoma-Associated Herpesvirus Infection and Pathogenesis. 2019 , 10, 358		11
300	Plumericin inhibits growth of liver carcinoma cells via downregulation of COX-2 and VEGF. 2019 , 17, 2387		0
299	Ubiquitous and cell type-specific transcriptomic changes triggered by dissipation of monovalent cation gradients in rodent cells: Physiological and pathophysiological implications. 2019 , 83, 107-149		8
298	Targeting biosynthetic networks of the proinflammatory and proresolving lipid metabolome. <i>FASEB Journal</i> , 2019 , 33, 6140-6153	0.9	52
297	Possible role of PPAR- α and COX-2 receptor modulators in the treatment of Non-Small Cell lung carcinoma. 2019 , 124, 98-100		7
296	A combined computational strategy of sequence and structural analysis predicts the existence of a functional eicosanoid pathway in <i>Drosophila melanogaster</i> . 2019 , 14, e0211897		13
295	Ligand based design and synthesis of pyrazole based derivatives as selective COX-2 inhibitors. <i>Bioorganic Chemistry</i> , 2019 , 86, 583-597	5.1	23
294	Immunohistochemical Expression of Cyclooxygenases in Hypertrophic Scars and Keloids. 2019 , 7, e2030		3

293	Fecal microbiome as determinant of the effect of diet on colorectal cancer risk: comparison of meat-based versus pesco-vegetarian diets (the MeaTIC study). 2019 , 20, 688		10
292	Comprehensive review of mechanisms of pathogenesis involved in Alzheimer's disease and potential therapeutic strategies. 2019 , 174, 53-89		137
291	Development of multitarget agents possessing soluble epoxide hydrolase inhibitory activity. 2019 , 140, 31-39		22
290	Pyrrrolizidine alkaloid-induced alterations of prostanoid synthesis in human endothelial cells. 2019 , 298, 104-111		3
289	Mild Hypothermia Prevents NO-Induced Cytotoxicity in Human Neuroblastoma Cells Via Induction of COX-2. 2019 , 67, 173-180		1
288	The role of Cox-2 and prostaglandin E receptor EP3 in pancreatic β cell death. <i>FASEB Journal</i> , 2019 , 33, 4975-4986	0.9	12
287	Protective Effect of Proanthocyanidins in a Rat Model of Mild Intestinal Inflammation and Impaired Intestinal Permeability Induced by LPS. 2019 , 63, e1800720		32
286	Alternariol induced proliferation in primary mouse keratinocytes and inflammation in mouse skin is regulated via PGE/EP2/cAMP/p-CREB signaling pathway. 2019 , 412, 79-88		6
285	Pathophysiological aspects of nephropathy caused by non-steroidal anti-inflammatory drugs. 2019 , 41, 124-130		63
284	Synthesis, characterization, biological activities and molecular modeling of Schiff bases of benzene sulfonamides bearing curcumin scaffold. 2019 , 12, 41-53		16
283	Identification of a novel triterpene saponin from seeds, pseudoginsenoside RT, and its antiinflammatory activity. 2020 , 44, 145-153		24
282	Exploration of interaction mechanism of tyrosol as a potent anti-inflammatory agent. 2020 , 38, 382-397		18
281	Vitamin K2 protects PC12 cells against A β and HO-induced apoptosis via p38 MAP kinase pathway. 2020 , 23, 343-352		15
280	Prostaglandin E Induces miR675-5p to Promote Colorectal Tumor Metastasis via Modulation of p53 Expression. 2020 , 158, 971-984.e10		30
279	A journey of celecoxib from pain to cancer. 2020 , 147, 106379		19
278	Use of cyclooxygenase inhibitor and the risk of hepatocellular carcinoma in patients with chronic hepatitis B: A nested case-control study using a nationwide population-based data. 2020 , 27, 68-73		2
277	An Activity-Based Sensing Approach for the Detection of Cyclooxygenase-2 in Live Cells. 2020 , 132, 3333-3340		13
276	Avian Papilloma and Squamous Cell Carcinoma: a Histopathological, Immunohistochemical and Virological study. 2020 , 175, 13-23		9

275	An Activity-Based Sensing Approach for the Detection of Cyclooxygenase-2 in Live Cells. 2020 , 59, 3307-3314	31
274	Radiosynthesis and Biological Evaluation of [F]Triacoxib: A New Radiotracer for PET Imaging of COX-2. 2020 , 17, 251-261	8
273	Exploring metabolic reprogramming in melanoma via acquired resistance to the oxidative phosphorylation inhibitor phenformin. 2020 , 30, 1-13	3
272	Inhibitory Effects of Indomethacin in Human MNNG/HOS Osteosarcoma Cell Line. 2020 , 38, 23-36	2
271	Modification of the lead molecule: Tryptophan and piperidine appended triazines reversing inflammation and hyperalgesia in rats. 2020 , 28, 115246	2
270	Identification of potential drug-like molecules for inhibition of the inflammatory activity of cyclooxygenase-2. 2020 , 38, 5293-5306	1
269	Valve Interstitial Cell-Specific Cyclooxygenase-1 Associated With Calcification of Aortic Valves. 2020 , 110, 40-49	2
268	The molecular mechanisms of celecoxib in tumor development. 2020 , 99, e22544	1
267	Mechanisms of Spica Prunellae against thyroid-associated Ophthalmopathy based on network pharmacology and molecular docking. 2020 , 20, 229	5
266	Synthesis, 3D-QSAR, and Molecular Modeling Studies of Triazole Bearing Compounds as a Promising Scaffold for Cyclooxygenase-2 Inhibition. 2020 , 13,	1
265	The use of cyanobacterial metabolites as natural medical and biotechnological tools: review article. 2020 , 1-23	4
264	Dietary ARA Improves COX Activity in Broodstock and Offspring Survival Fitness of a Model Organism (Medaka). 2020 , 10,	0
263	Prostaglandin E2 and Cancer: Insight into Tumor Progression and Immunity. 2020 , 9,	37
262	In silico characterisation of olive phenolic compounds as potential cyclooxygenase modulators. Part 1. 2020 , 101, 107719	3
261	Inflammation, HIV, and Immune Quiescence: Leveraging on Immunomodulatory Products to Reduce HIV Susceptibility. 2020 , 2020, 8672850	3
260	Leveraging innovative therapies with an evolving understanding of the molecular pathogenesis of penile squamous cell carcinoma. 2020 ,	2
259	Non-steroidal anti-inflammatory drugs, prostaglandins, and COVID-19. 2020 , 177, 4899-4920	35
258	Comparative assessment of mouse models for experimental orthodontic tooth movement. 2020 , 10, 12154	15

257	Evaluation of Anti-Inflammatory Components of Guizhi Fuling Capsule, an Ancient Chinese Herbal Formula, in Human Umbilical Vein Endothelial Cells. 2020 , 2020, 2029134		3
256	Tumor Microenvironment. 2020 ,		
255	Cytotoxicity evaluation of ketoprofen found in pharmaceutical wastewater on HEK 293 cell growth and metabolism. 2020 , 80, 103498		5
254	Comprehensive Metabolomics Analysis of Nontargeted LC-HRMS Data Provides Valuable Insights Regarding the Origin of Veterinary Drug Residues. 2020 , 68, 12493-12502		3
253	EP4 receptor as a novel promising therapeutic target in colon cancer. 2020 , 216, 153247		6
252	Metabolic reprogramming as a key regulator in the pathogenesis of rheumatoid arthritis. 2020 , 69, 1087-1101	13	
251	Prognostic Significance of COX-2 Overexpression in -Mutated Middle Eastern Papillary Thyroid Carcinoma. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
250	Protective effects of therapeutic hypothermia on renal injury in an asphyxial cardiac arrest rat model. 2020 , 94, 102761		3
249	Deuteration ethylation - strategies to improve the metabolic fate of an F-labeled celecoxib derivative.. 2020 , 10, 38601-38611		1
248	Does the Urothelium of Old Mice Regenerate after Chitosan Injury as Quickly as the Urothelium of Young Mice?. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	0
247	Aberrant expression of the COX2/PGE axis is induced by activation of the RAF/MEK/ERK pathway in BRAF canine urothelial carcinoma. 2020 , 10, 7826		9
246	Human health benefits of very-long-chain polyunsaturated fatty acids from microalgae. 2020 , 178, 15-25		17
245	The COX-2 inhibitor NS398 selectively sensitizes hypoxic HeLa cells to ionising radiation by mechanisms both dependent and independent of COX-2. 2020 , 148, 106422		2
244	Topical Analgesics. 2020 , 31, 233-244		5
243	Iron and Chelation in Biochemistry and Medicine: New Approaches to Controlling Iron Metabolism and Treating Related Diseases. 2020 , 9,		32
242	Regulatory effect of PGE on microbicidal activity and inflammatory cytokines in canine leishmaniasis. 2020 , 42, e12713		2
241	Gut microbiota protects from triptolide-induced hepatotoxicity: Key role of propionate and its downstream signalling events. 2020 , 155, 104752		16
240	Yunnan Baiyao diminishes lipopolysaccharide-induced inflammation in osteoclasts. 2020 , 44, e13182		7

239	Lead (Pb) as a Factor Initiating and Potentiating Inflammation in Human THP-1 Macrophages. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
238	Cyclooxygenase enzyme and PGE2 expression in patients with functional and non-functional pituitary adenomas. 2020 , 20, 39		4
237	Role of water in cyclooxygenase catalysis and design of anti-inflammatory agents targeting two sites of the enzyme. 2020 , 10, 10764		
236	Oxylipin Response to Acute and Chronic Exercise: A Systematic Review. 2020 , 10,		7
235	Pathophysiology of Intracranial Aneurysms: COX-2 Expression, Iron Deposition in Aneurysm Wall, and Correlation With Magnetic Resonance Imaging. 2020 , 51, 2505-2513		9
234	Dietary Crocin is Protective in Pancreatic Cancer while Reducing Radiation-Induced Hepatic Oxidative Damage. <i>Nutrients</i> , 2020 , 12,	6.7	14
233	Virtual Screening of Novel Hybrid Non-Steroidal Anti-Inflammatory Drugs (NSAIDs): Exploring Multiple Targeted Cancer Therapy by an In Silico Approach. 2020 , 16, 70-77		
232	Protective effect of a new hyaluronic acid -carnosine conjugate on the modulation of the inflammatory response in mice subjected to collagen-induced arthritis. 2020 , 125, 110023		16
231	Harmaline Analogs as Substrate-Selective Cyclooxygenase-2 Inhibitors. 2020 , 11, 1881-1885		8
230	Cardiac injury modulates critical components of prostaglandin E signaling during zebrafish heart regeneration. 2020 , 10, 3095		11
229	The Role of Cyclooxygenases-2 in Benzo()pyrene-Induced Neurotoxicity of Cortical Neurons. 2020 , 33, 1364-1373		2
228	Phytochemistry and health promoting effects of Job's tears (<i>Coix lacryma-jobi</i>) - A critical review. 2020 , 34, 100537		6
227	Xenotransplantation literature update, November/December 2019. 2020 , 27, e12582		7
226	Development of a magnetic dispersive micro-solid-phase extraction method based on a deep eutectic solvent as a carrier for the rapid determination of meloxicam in biological samples. 2020 , 12, 2331-2337		9
225	Cardiovascular effects and safety of (non-aspirin) NSAIDs. 2020 , 17, 574-584		62
224	Anti-Inflammatory and Anti-Migratory Activities of Isoquinoline-1-Carboxamide Derivatives in LPS-Treated BV2 Microglial Cells via Inhibition of MAPKs/NF- κ B Pathway. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	12
223	Omega-3 Polyunsaturated Fatty Acids and Lung Cancer: nutrition or Pharmacology?. 2021 , 73, 541-561		10
222	Eicosanoid biosynthesis in marine mammals. 2021 , 288, 1387-1406		2

221	Euterpe oleracea Mart. (AB) attenuates experimental colitis in rats: involvement of TLR4/COX-2/NF-B. 2021 , 29, 193-204		2
220	Onosma bracteata Wall. induces G/G arrest and apoptosis in MG-63 human osteosarcoma cells via ROS generation and AKT/GSK3/cyclin E pathway. 2021 , 28, 14983-15004		4
219	Commonly Prescribed Medications that Affect Clotting: A Comprehensive Overview. 2021 , 167-190		
218	Case studies in drug discovery. 2021 , 625-664		
217	Epigenetic regulations in gastrointestinal: Implications on sensitivity to ionizing radiation, inflammatory diseases, and cancer development. 2021 , 199-235		
216	Evaluation of cyclooxygenase-2 fluctuation via a near-infrared fluorescent probe in idiopathic pulmonary fibrosis cell and mice models. 2021 , 9, 6226-6233		4
215	Metabolism pathways of arachidonic acids: mechanisms and potential therapeutic targets. 2021 , 6, 94		68
214	Signaling pathways in intestinal homeostasis and colorectal cancer: KRAS at centre stage. 2021 , 19, 31		5
213	Fenamates as Potential Therapeutics for Neurodegenerative Disorders. 2021 , 10,		3
212	Combined COX-2/PPAR Expression as Independent Negative Prognosticator for Vulvar Cancer Patients. 2021 , 11,		1
211	Prostaglandin E2 induction by cytosolic Listeria monocytogenes in phagocytes is necessary for optimal T-cell priming.		1
210	Current State of Analgesia and Sedation in the Pediatric Intensive Care Unit. 2021 , 10,		4
209	Anti-Inflammatory Therapies for Treatment of Inflammation-Related Preterm Brain Injury. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
208	A compatibility study between rice starch and some non-steroidal anti-inflammatories. 2021 , 698, 178888		0
207	Cyclooxygenase Inhibition Alters Proliferative, Migratory, and Invasive Properties of Human Glioblastoma Cells In Vitro. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
206	Heat stress influences the attenuation of prostaglandin synthesis by interferon tau in bovine endometrial cells. 2021 , 165, 52-58		0
205	Taxifolin and gastro-adhesive microparticles containing taxifolin promotes gastric healing in vivo, inhibits Helicobacter pylori in vitro and proton pump reversibly in silico. 2021 , 339, 109445		3
204	Probiotics and Amelioration of Rheumatoid Arthritis: Significant Roles of and. <i>Microorganisms</i> , 2021 , 9,	4.9	4

203	In-vitro and in-vivo metabolism of different aspirin formulations studied by a validated liquid chromatography tandem mass spectrometry method. 2021 , 11, 10370		1
202	Progress in PET Imaging of Neuroinflammation Targeting COX-2 Enzyme. <i>Molecules</i> , 2021 , 26,	4.8	4
201	Oleuropein attenuates the 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD)-perturbing effects on pancreatic β cells. 2021 , 56, 752-761		
200	Regulation of Free Fatty Acid Receptor 4 on Inflammatory Gene Induced by LPS in Large Yellow Croaker (). <i>Frontiers in Immunology</i> , 2021 , 12, 703914	8.4	3
199	Anti-Inflammatory Drugs in Patients with Ischemic Heart Disease. 2021 , 10,		0
198	2-((4-((E)-1-(Hydroxyimino)ethyl)phenyl)amino)-2-oxoethyl Cinnamate. 2021 , 2021, M1239		
197	Positron Emission Tomography Imaging of Autotaxin in Thyroid and Breast Cancer Models Using [F]PRIMATX. 2021 , 18, 3352-3364		
196	Molecular insights into the endoperoxide formation by Fe(II)/HKG-dependent oxygenase Nvfl. 2021 , 12, 4417		13
195	Prostanoids and Resolution of Inflammation - Beyond the Lipid-Mediator Class Switch. <i>Frontiers in Immunology</i> , 2021 , 12, 714042	8.4	5
194	Therapeutic perspective of thiosemicarbazones derivatives in inflammatory pathologies: A summary of in vitro/in vivo studies. 2021 , 96, 107778		4
193	A prospective, randomized, placebo-controlled, double-blinded clinical trial comparing the incidence and severity of gastrointestinal adverse events in dogs with cancer treated with piroxicam alone or in combination with omeprazole or famotidine. 2021 , 259, 385-391		2
192	EP2 Antagonists (2011-2021): A Decade's Journey from Discovery to Therapeutics. 2021 , 64, 11816-11836		7
191	Antioxidants and/or fish oil reduce intermittent hypoxia-induced inflammation in the neonatal rat terminal ileum. 2021 , 155, 106565		0
190	Dyslipidemia in breast cancer patients increases the risk of SAR-CoV-2 infection. 2021 , 92, 104883		0
189	Phagocytes produce prostaglandin E2 in response to cytosolic <i>Listeria monocytogenes</i> . 2021 , 17, e1009493		1
188	Anti-inflammatory activity of betalains: A comprehensive review. 2021 , 25, 200126		1
187	Lupeol from <i>Crateva adansonii</i> DC Exhibits Promising Enzymes Inhibition: Play a Crucial Role in Inflammation and Diabetes. 2021 , 143, 449-449		2
186	Optimization of pyrazole-based compounds with 1,2,4-triazole-3-thiol moiety as selective COX-2 inhibitors cardioprotective drug candidates: Design, synthesis, cyclooxygenase inhibition, anti-inflammatory, ulcerogenicity, cardiovascular evaluation, and molecular modeling studies. <i>Bioorganic Chemistry</i> , 2021 , 111, 105122	5.1	7

185	Natural inhibitors against potential targets of cyclooxygenase, lipoxygenase and leukotrienes. 2021		1
184	PET Imaging of Neuroinflammation in Alzheimer's Disease. <i>Frontiers in Immunology</i> , 2021 , 12, 739130	8.4	9
183	Prostaglandin regulation of type 2 inflammation: From basic biology to therapeutic interventions. 2021 , 51, 2399-2416		0
182	Hybrids as NO Donors. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
181	The effect of ketoprofen lysine salt on mucosa of rat stomach after ethyl alcohol intoxication. 2021 , 141, 111938		3
180	Site-specific variation in the activity of COX-2 alters the pattern of wound healing in the tail and limb of northern house gecko by differentially regulating the expression of local inflammatory mediators. 2021 , 148, 125947		2
179	Chemical, biological and protein-receptor binding profiling of <i>Bauhinia scandens</i> L. stems provide new insights into the management of pain, inflammation, pyrexia and thrombosis. 2021 , 143, 112185		3
178	Anti-inflammatory activity of endophytic bacterial isolates from <i>Emilia sonchifolia</i> (Linn.) DC. 2021 , 281, 114517		1
177	Molecular Biology of Cancer. 2003 , 1-50		3
176	Ibuprofen in the Prevention and Therapy of Cancer. 518-546		1
175	The Genetics of Innate Immunity and Inflammation in Ageing, Age-Related Diseases and Longevity. 2007 , 154-173		1
174	Cardiac Rehabilitation. 2012 , 215-243		1
173	Endothelial COX-2 induction by hypoxia liberates 6-keto-PGF1 alpha, a potent epithelial secretagogue. 2002 , 507, 107-12		4
172	Expression of cyclooxygenase-2 in human bladder and renal cell carcinoma. 2002 , 507, 123-6		14
171	Selective inhibition of cyclooxygenase-2 attenuates expression of inflammation-related genes in CNS injury. 2002 , 507, 155-60		5
170	Cyclooxygenase-2 in human pathological disease. 2002 , 507, 177-84		100
169	Growth stimulation and epidermal growth factor receptor induction in cyclooxygenase-overexpressing human colon carcinoma cells. 2002 , 507, 403-7		25
168	Inflammation and Lung Cancer: The Role of Epithelial-Mesenchymal Transition. 2015 , 23-68		3

167	Analgesic Drugs and Cardiac Safety. 2020 , 649-670	0
166	COX-2 Signaling in the Tumor Microenvironment. 2020 , 1277, 87-104	8
165	Human Protozoal Infections and Their Potential for Causing Neoplasms. 2015 , 75-91	1
164	Analgesic Drugs and Cardiac Safety. 2019 , 1-22	2
163	Encyclopedia of Cancer. 2015 , 1-4	1
162	Structure, function and inhibition of cyclo-oxygenases. 2000 , 65-83	2
161	Lipoxins, aspirin-triggered 15-epi-lipoxin stable analogs and their receptors in anti-inflammation: a window for therapeutic opportunity. 2000 , 143-85	16
160	Innate immune responses in viral encephalitis. 2002 , 265, 63-94	10
159	Epithelial Cell Signalling in Colorectal Cancer Metastasis. 2010 , 205-241	4
158	Mechanisms of hepatocyte growth regulation by hormones and growth factors. 2000 , 209-246	7
157	Nonsteroidal Anti-inflammatory Drugs. 2009 , 833-861	2
156	Modulation of cytosolic phospholipase A2 by PPAR activators in human preadipocytes. 2001 , 42, 716-724	17
155	Cytochrome P450 and arachidonic acid bioactivation: molecular and functional properties of the arachidonate monooxygenase. 2000 , 41, 163-181	404
154	Prostaglandin E2 Production and Cyclooxygenase-2 Induction in Human Urinary Tract Infections and Bladder Cancer. 2002 , 1568-1573	6
153	Antimitogenic effects of HDL and APOE mediated by Cox-2-dependent IP activation. 2004 , 113, 609-18	32
152	Differential impact of prostaglandin H synthase 1 knockdown on platelets and parturition. 2005 , 115, 986-95	58
151	Effect of regulated expression of human cyclooxygenase isoforms on eicosanoid and isoeicosanoid production in inflammation. 2000 , 105, 1473-82	169
150	Modulation of monocyte signaling and pore formation in response to agonists of the nucleotide receptor P2X 7. 2002 , 72, 222-232	12

149	Pharmacology and Biochemistry of Salicylates and Related Drugs. 2004 ,	4
148	Side Effects and Toxicology of the Salicylates. 2004 ,	7
147	Antioxidative and anti-inflammatory effect of on RAW 264.7 macrophage cells. 2019 , 15, 2-7	4
146	The Phytochemical Analysis and Antimicrobial Activity of Pergularia mentosa in North East Kingdom of Saudi Arabia KSA. 2018 , 11, 1763-1771	4
145	Cyclooxygenase-2 and Prostaglandin E2 Signaling through Prostaglandin Receptor EP-2 Favor the Development of Myocarditis during Acute Trypanosoma cruzi Infection. 2015 , 9, e0004025	15
144	Association between COX-2 rs 6681231 genotype and interleukin-6 in periodontal connective tissue. A pilot study. 2014 , 9, e87023	11
143	Overexpression of cyclooxygenase-2 in malignant peripheral nerve sheath tumor and selective cyclooxygenase-2 inhibitor-induced apoptosis by activating caspases in human malignant peripheral nerve sheath tumor cells. 2014 , 9, e88035	10
142	Correlation of microRNA-16, microRNA-21 and microRNA-101 expression with cyclooxygenase-2 expression and angiogenic factors in cirrhotic and noncirrhotic human hepatocellular carcinoma. 2014 , 9, e95826	8
141	Cyclical DNA Methylation and Histone Changes Are Induced by LPS to Activate COX-2 in Human Intestinal Epithelial Cells. 2016 , 11, e0156671	21
140	Growth and adherence of Staphylococcus aureus were enhanced through the PGE2 produced by the activated COX-2/PGE2 pathway of infected oral epithelial cells. 2017 , 12, e0177166	18
139	The Effects of Urtica dioica and Lamium album Extracts on the Expression Level of Cyclooxygenase-2 and Caspase-3 in the Liver and Kidney of Streptozotocin-Induced Diabetic Rats. 2019 , 25, 37-43	6
138	Microglial TNF α Induces COX2 and PGI2 Synthase Expression in Spinal Endothelial Cells during Neuropathic Pain. 2017 , 4,	24
137	Indazole-Cl inhibits hypoxia-induced cyclooxygenase-2 expression in vascular smooth muscle cells. 2019 , 63, 27-38	3
136	RhoGDI deficiency induces constitutive activation of Rho GTPases and COX-2 pathways in association with breast cancer progression. 2015 , 6, 32723-36	16
135	The transcription factor c-Fos coordinates with histone lysine-specific demethylase 2A to activate the expression of cyclooxygenase-2. 2015 , 6, 34704-17	6
134	The connection between lymphangiogenic signalling and prostaglandin biology: a missing link in the metastatic pathway. 2012 , 3, 893-906	41
133	SELECTIVE CYCLOOXYGENASE-2 INHIBITION REVERSES MICROCIRCULATORY AND INFLAMMATORY SEQUELAE OF CLOSED SOFT-TISSUE TRAUMA IN AN ANIMAL MODEL. 2005 , 87, 153-160	5
132	Selective and Nonselective Cyclooxygenase-2 Inhibitors and Experimental Fracture-Healing. 2007 , 89, 114-125	36

131	Improving the gastrointestinal tolerability of aspirin in older people. 2006 , 1, 33-9	9
130	Cyclooxygenase-2 Inhibitors as a Therapeutic Target in Inflammatory Diseases. 2019 , 26, 3225-3241	74
129	Cyclooxygenase-2 induction by lysophosphatidylcholine in cultured rat vascular smooth muscle cells: involvement of the p38MAPK pathway. 2008 , 29, 1-8	9
128	Diverse characters of Brennan's paw incision model regarding certain parameters in the rat. 2019 , 32, 168-177	3
127	Antioxidative and Anticancer Effects of Doenjang Prepared with Bamboo Salt in HT-29 Human Colon Cancer Cells. 2015 , 44, 524-531	6
126	Molecular basis of the potential of mesalazine to prevent colorectal cancer. 2008 , 14, 4434-9	26
125	15d-PGJ2 inhibits cell growth and induces apoptosis of MCG-803 human gastric cancer cell line. 2003 , 9, 2149-53	34
124	PPARgamma pathway activation results in apoptosis and COX-2 inhibition in HepG2 cells. 2003 , 9, 1220-6	49
123	Ixodid Tick Species Infesting Cows and Buffaloes and Their Seasonality in West Azerbaijan. 2008 , 3, 98-103	5
122	Effects of aspirin and celecoxib on rigidity in a rat model of Parkinson's disease. 2007 , 10, 3853-8	8
121	Considering cardiovascular risks when using NSAIDs. 2008 , 31, 468-71	1
120	Protein phosphorylation on tyrosine restores expression and glycosylation of cyclooxygenase-2 by 2-deoxy-D-glucose-caused endoplasmic reticulum stress in rabbit articular chondrocyte. 2012 , 45, 317-22	9
119	Ethanollic Extract of Chondria crassicaulis Inhibits the Expression of Inducible Nitric Oxide Synthase and Cyclooxygenase-2 in LPS-Stimulated RAW 264.7 Macrophages. 2011 , 14, 275-282	3
118	Phorbol ester TPA modulates chemoresistance in the drug sensitive breast cancer cell line MCF-7 by inducing expression of drug efflux transporter ABCG2. 2012 , 13, 2979-84	12
117	The -765G>C polymorphism in the cyclooxygenase-2 gene and digestive system cancer: a meta-analysis. 2014 , 15, 8301-10	6
116	The prostaglandin synthase 2/cyclooxygenase 2 (PTGS2/ COX2) rs5277 polymorphism does not influence risk of colorectal cancer in an Iranian population. 2014 , 15, 3507-11	4
115	COX-2 Expression in Renal Cell Carcinoma and Correlations with Tumor Grade, Stage and Patient Prognosis. 2016 , 17, 535-8	15
114	Anti-inflammatory Activities of GyejigaChulBuTang on Lipopolysaccharide-stimulated RAW264.7 Cells. 2014 , 28, 47-58	2

- 113 Praktische Aspekte der transdermalen und topischen Schmerztherapie. **2021**, 21, 47-52
- 112 Metabolomic Changes in Naturally MAP-Infected Holstein-Friesian Heifers Indicate Immunologically Related Biochemical Reprogramming. **2021**, 11, 0
- 111 Missense mutations involvement in COX-2 structure, and protein-substrate binding affinity: study. **2021**, 40, 1125-1143
- 110 Protective Effects of Low-Dose Alcohol against Acute Stress-Induced Renal Injury in Rats: Involvement of CYP4A/20-HETE and LTB/BLT1 Pathways. **2021**, 2021, 4475968 0
- 109 Specific Aspects of Lipid Metabolism. **2001**, 1181-1225
- 108 Pathogenesis and New Strategies in Rheumatoid Arthritis. **2001**, 523-526
- 107 Cyclooxygenases.
- 106 Prostaglandin Mediators. **2003**, 265-273 3
- 105 Enhancement of Fas-mediated apoptosis in human neutrophils by a selective cyclooxygenase-2 inhibitor. **2003**, 23, 175-180
- 104 Regulation of cytosolic phospholipase A2, cyclooxygenase-1 and -2 expression by PMA, TNF α /LPS and M-CSF in human monocytes and macrophages. **2003**, 31-38 2
- 103 Cyclooxygenase-2 in Cancer. **2003**,
- 102 Prostaglandin Formation as Affected by Dietary Frying Oil and Other Food Components. **2003**,
- 101 Cyclooxygenase-2 Inhibitors and Colorectal Cancer Prevention. **2004**, 107-113
- 100 Prostacyclin and Lung Cancer Chemoprevention. **2004**, 177-191
- 99 Effects of cyclooxygenase-2 (COX-2) inhibitors in colorectal cancer. **2004**, 177-187
- 98 Apoptotic Effect of the Cyclooxygenase-2 Inhibitor Celecoxib on Human Breast Cancer MDA-MB 468 Cells. **2006**, 9, 193
- 97 A COX-2 Inhibitor, SC58125, Promotes Liver Carcinogenesis in a Rat Medium-Term Liver Bioassay, Possibly due to Induction of CYP 2B1 and 3A1. **2006**, 19, 37-45 1
- 96 Cyclooxygenase (E.C. 1.14.99.1). **2006**, S157-S157 0

- 95 Immunoexpression of multidrug-resistance protein 2 and cyclooxygenase 2 in medullary thyroid carcinomas. **2006**, 130, 1014-9 8
- 94 Regulating the Master Regulator NF- κ B. **2006**, 195-221
- 93 Anatomy and Pathophysiology of Spinal Cord Injury. **2008**, 11-20
- 92 The Metabolism of Tocopherols and Tocotrienols and Novel Functions of Their Metabolites. **2008**, 309-329
- 91 Prostaglandins as Mediators of Adipose Inflammation. **2009**, 149-166
- 90 Anti-inflammatory Activity of Calcitriol That Contributes to Its Therapeutic and Chemopreventive Effects in Prostate Cancer. **2010**, 1087-1104 1
- 89 Effects of Cyclooxygenase-1 or -2 Inhibitors on Expressions of ATP2A2 and ATP2C1 in Cultured Normal Human Keratinocytes. **2010**, 56, 550-557
- 88 Anti-inflammatory Activity of Calcitriol in Cancer. **2011**, 53-71 0
- 87 Encyclopedia of Cancer. **2011**, 989-990
- 86 Encyclopedia of Cancer. **2011**, 2551-2553
- 85 Contribution of Dietary Fat in Neuroinflammation. **2014**, 75-109
- 84 Reactive Oxygen Species and Cerebrovascular Diseases. **2014**, 1895-1924
- 83 Cytokines and Epithelial Function. 61-78 1
- 82 Encyclopedia of Cancer. **2015**, 1-2
- 81 Encyclopedia of Cancer. **2016**, 1223-1224
- 80 Encyclopedia of Signaling Molecules. **2016**, 1-8
- 79 Emission of CdTe Nanocrystals Coupled to Microcavities. **2016**, 133-184
- 78 Biphasic Theory and the Biology of Tooth Movement. **2017**, 1-18

- 77 Encyclopedia of Cancer. **2017**, 3135-3138
- 76 Nonsteroidal Anti-Inflammatory Drugs (NSAIDs). 1-7
- 75 Encyclopedia of Signaling Molecules. **2018**, 1275-1282
- 74 Gastroprotective effects of methanol extract of *Eremomastax speciosa* leaf harvested in Southern part of Nigeria in rat. **2018**, 2, 200-208 1
- 73 Anti-Inflammatory Activity of *Sonchus oleraceus* Extract in Lipopoly saccharide-Stimulated RAW264.7 Cells. **2018**, 11, 1755-1761
- 72 Synthesis of 1,3-benzoxazines Based on 2,4,4-trimethyl-7,2,4-trihydroxy Flavan: Antibacterial, Anti-inflammatory, Cyclooxygenase-2 Inhibition and Molecular Modelling Studies. **2018**, 16, 58-65 2
- 71 Nonsteroidal Anti-inflammatory Drugs (NSAIDs). **2019**, 69-73
- 70 Chemopreventive and Anti-Inflammatory Potential of Select Herbal Teas and Cinnamon in an <i>in-vitro</i> Cell Model. **2019**, 10, 1142-1156 2
- 69 Computational Investigation of Versatile Activity of Piperine. **2019**, 127-139
- 68 Aberrant expression of the COX2/PGE2 axis is induced by activation of the RAF/MEK/ERK pathway in BRAFV595E canine urothelial carcinoma.
- 67 The Protective Effect of Lercanidipine on Indomethacin-Induced Gastric Ulcers in Rats. 63,
- 66 In silico and in vitro: Alpha-bulnesene Fraction from Patchouli Oil as Prostaglandin H2 Synthase Inhibitor Selective. **2020**, 13, 18-26
- 65 Acetylsalicylic acid of Eichengrin-Hoffmann, inflammatory mediators and issues of therapy of the initial stage of coronavirus infection COVID-19. **2020**, 123, 83 1
- 64 New therapeutic approaches: anti-angiogenesis, immunotherapy. 247-253
- 63 Analgetika, nicht-steroidale Antirheumatika, Glucocorticoide. **2005**, 417-432 3
- 62 Desmoid Tumours in Familial Adenomatous Polyposis. **2006**, 357-373
- 61 Chemoprevention in Head and Neck Cancer. **2005**, 279-303
- 60 Proton pump inhibitors may reduce the risk of high-grade dysplasia and/or esophageal adenocarcinoma in Barrett's esophagus: a systematic review and meta-analysis. **2021**, 1-10 0

59	15-Lipoxygenase and its metabolites in the pathogenesis of breast cancer: A double-edged sword. 2021 , 20, 169		2
58	Impact of new cyclooxygenase 2 inhibitors on human cytomegalovirus replication in vitro.. 2021 , 26, 117-125		1
57	(R)-(+)-Lasiodiplodin isolated from the endophytic fungus <i>Sordaria tamaensis</i> exhibits potent antimycobacterial and anti-inflammatory activities in vitro and in vivo: a dual approach for the treatment of severe pulmonary tuberculosis. 2021 ,		0
56	Recent Progress in Applicability of Exercise Immunology and Inflammation Research to Sports Nutrition.. <i>Nutrients</i> , 2021 , 13,	6.7	2
55	Sex differences in eicosanoid formation and metabolism: A possible mediator of sex discrepancies in cardiovascular diseases. <i>Pharmacology & Therapeutics</i> , 2021 , 108046	13.9	2
54	Bone Marrow-Derived Cells and Wound Age Estimation.. <i>Frontiers in Medicine</i> , 2022 , 9, 822572	4.9	2
53	Prostaglandin E2 receptors as therapeutic targets in renal fibrosis.. <i>Kidney Research and Clinical Practice</i> , 2022 , 41, 4-13	3.6	1
52	Human Oral Epithelial Cells Suppress T Cell Function Prostaglandin E2 Secretion.. <i>Frontiers in Immunology</i> , 2021 , 12, 740613	8.4	
51	Dereplication and Quantification of Major Compounds of L. Extracts and Assessment of Their Effect on LPS-Activated J774 Macrophages.. <i>Molecules</i> , 2022 , 27,	4.8	1
50	Design, synthesis, and pharmacological evaluation of novel and selective COX-2 inhibitors based on celecoxib scaffold supported with in vivo anti-inflammatory activity, ulcerogenic liability, ADME profiling and docking study.. <i>Bioorganic Chemistry</i> , 2022 , 120, 105627	5.1	0
49	The Role of Medicinal and Aromatic Plants against Obesity and Arthritis: A Review.. <i>Nutrients</i> , 2022 , 14,	6.7	3
48	Macroalgal Proteins: A Review.. <i>Foods</i> , 2022 , 11,	4.9	0
47	Pterostilbene regulates cell proliferation and apoptosis in non-small-cell lung cancer via targeting COX-2.. <i>Biotechnology and Applied Biochemistry</i> , 2022 ,	2.8	1
46	New Therapeutic Horizon of Graves' Hyperthyroidism: Treatment Regimens Based on Immunology and Ingredients From Traditional Chinese Medicine.. <i>Frontiers in Pharmacology</i> , 2022 , 13, 862831	5.6	0
45	Computational Analysis and Biological Activities of Oxyresveratrol Analogues, the Putative Cyclooxygenase-2 Inhibitors.. <i>Molecules</i> , 2022 , 27,	4.8	0
44	Privileged Scaffold Chalcone: Synthesis, Characterization and Its Molecular Interactions with Addition of 3-phenyl-1- (3,4-dibromophenyl) prop-2-en-1-one in Mixed Solvents at Various Temperatures. <i>International Journal of Advanced Research in Science, Communication and Technology</i> , 261-269	0.5	
43	Role of IL-33/ST2 Axis in Chronic Inflammatory Neurological Disorderss. <i>Serbian Journal of Experimental and Clinical Research</i> , 2021 ,	0.3	
42	Soluble epoxide hydrolase inhibitors: an overview and patent review from the last decade.. <i>Expert Opinion on Therapeutic Patents</i> , 2022 , 1-19	6.8	4

41	New pyrimidine/thiazole hybrids endowed with analgesic, anti-inflammatory, and lower cardiotoxic activities: Design, synthesis, and COX-2/sEH dual inhibition.. <i>Archiv Der Pharmazie</i> , 2022 , e2200024	4.3	1
40	DataSheet_1.docx. 2019 ,		
39	Regulatory T Cells with Additional COX-2 Expression Are Independent Negative Prognosticators for Vulvar Cancer Patients.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	0
38	Antioxidant, Anti-Inflammatory Activities, and Neuroprotective Behaviors of Phyllanthus emblica L. Fruit Extracts. <i>Agriculture (Switzerland)</i> , 2022 , 12, 588	3	
37	Acute kidney injury associated with non-steroidal anti-inflammatory drugs.. <i>European Journal of Internal Medicine</i> , 2022 ,	3.9	0
36	Preliminary study on gene regulation and its pathways in Chinese Holstein cows with clinical mastitis caused by Staphylococcus aureus. <i>Journal of Veterinary Research (Poland)</i> , 2022 ,	1.8	
35	Dietary lipids and hypertension. 2022 , 165-191		
34	Comparative Profiling of TG2 and Its Effectors in Human Relapsing Remitting and Progressive Multiple Sclerosis. <i>Biomedicines</i> , 2022 , 10, 1241	4.8	0
33	Natural-derived COX-2 inhibitors as Anticancer Drugs: A Review of Their Structure Diversity and Mechanism of Action. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022 , 22,	2.2	
32	Stimuli-responsive prodrug of non-steroidal anti-inflammatory drug diclofenac: self-immolative drug release with turn-on near-infrared fluorescence. <i>Chemical Communications</i> ,	5.8	1
31	Novel Unspecific Peroxygenase from Truncatella angustata Catalyzes the Synthesis of Bioactive Lipid Mediators. <i>Microorganisms</i> , 2022 , 10, 1267	4.9	
30	Structural basis for endoperoxide-forming oxygenases. <i>Beilstein Journal of Organic Chemistry</i> , 18, 707-721	5	0
29	Modulatory action of withaferin-A on oxidative damage through regulation of inflammatory mediators and apoptosis via PI3K/AKT signaling pathway in high cholesterol-induced atherosclerosis in experimental rats. <i>Journal of Biochemical and Molecular Toxicology</i> ,	3.4	0
28	The cyclooxygenase-2 inhibitor celecoxib blocks phosphorylation of Akt and induces apoptosis in human cholangiocarcinoma cells. <i>Molecular Cancer Therapeutics</i> , 2004 , 3, 299-307	6.1	32
27	The Role of Polymorphisms at the Interleukin-1, Interleukin-4, GATA-3 and Cyclooxygenase-2 Genes in Non-Surgical Periodontal Therapy. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 7266	6.3	1
26	Discovery of a Redox-Activatable Chemical Probe for Detection of Cyclooxygenase-2 in Cells and Animals. <i>ACS Chemical Biology</i> , 2022 , 17, 1714-1722	4.9	1
25	Chemo-photodynamic Activity of Silicon Phthalocyanines Bearing Cyclooxygenase Inhibitors on Colorectal Cancer Cell Lines. <i>ACS Applied Bio Materials</i> ,	4.1	0
24	Peroxisome Proliferator-Activated Receptor- β Suppresses Cyclooxygenase-2 Expression in Human Prostate Cells. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2004 , 13, 1704-1709	4	7

- 23 Modulation of cyclooxygenase-2 activities by the combined action of celecoxib and decosahexaenoic acid: Novel strategies for colon cancer prevention and treatment. **2004**, 3, 215-221 13
- 22 Effect of Methyl Gallate on 1-Nitropyrene-Induced Keratinocyte Toxicity in a Human and Canine Skin Model. **2022**, 32, 869-876
- 21 DNA Polymerase Theta Plays a Critical Role in Pancreatic Cancer Development and Metastasis. **2022**, 14, 4077 1
- 20 Recent advances in the development of celecoxib analogs as anticancer agents: A review.
- 19 In-silico docking, synthesis, structure analysis, DFT calculations, energy frameworks, and pharmacological intervention of [, ,]-thiadiazoles analogous as XO inhibitor and on multiple molecular inflammatory targets COX and LOX. **2022**, 133963
- 18 Chemopreventive Properties of Black Raspberries and Strawberries in Esophageal Cancer Review. **2022**, 11, 1815 0
- 17 Unique brain endothelial profiles activated by social stress promote cell adhesion, prostaglandin E2 signaling, hypothalamic-pituitary-adrenal axis modulation, and anxiety. 0
- 16 Discovery of novel 1,3-diaryl pyrazolyl ester derivatives as COX-2 inhibitory candidates with anti-tumor effect. **2022**, 134455 0
- 15 Periodontal sykdom og bioaktive lipider. **2011**, 121, 0
- 14 The roles of eicosanoids in myocardial diseases. **2022**, 0
- 13 The Importance of Dietary Antioxidants on Oxidative Stress, Meat and Milk Production, and Their Preservative Aspects in Farm Animals: Antioxidant Action, Animal Health, and Product Quality Invited Review. **2022**, 12, 3279 2
- 12 High-Resolution Ion Mobility Spectrometry Mass Spectrometry for Isomeric Separation of Prostanoids after Girard reagent T Derivatization. 0
- 11 Characterization of the acetylation of cyclooxygenase-isozymes and targeted lipidomics of eicosanoids in serum and colon cancer cells by the new aspirin formulation IP1867B versus aspirin in vitro. 13, 0
- 10 Inhibition of Eicosanoid Degradation Mitigates Fibrosis of the Heart. 2
- 9 Garlic (*Allium sativum* L.) as an Ally in the Treatment of Inflammatory Bowel Diseases. **2023**, 45, 685-698 0
- 8 Design and synthesis of new series of chiral pyrimidine and purine analogs as COX-2 inhibitors: Anticancer screening, molecular modeling, and in silico studies. **2023**, 1278, 134930 0
- 7 Identification of key ferroptosis genes in diabetic retinopathy based on bioinformatics analysis. **2023**, 18, e0280548 0
- 6 Common analgesics and ovarian cancer survival: the Ovarian cancer Prognosis And Lifestyle (OPAL) Study. 0

- 5 Eicosanoids and other oxylipins in liver injury, inflammation and liver cancer development. 14, ○
- 4 Nonsteroidal Anti-inflammatory Drugs (NSAIDs). **2023**, 127-138 ○
- 3 Preventive Effect of Pharmaceutical Phytochemicals Targeting the Src Family of Protein Tyrosine Kinases and Aryl Hydrocarbon Receptor on Environmental Stress-Induced Skin Disease. **2023**, 24, 5953 ○
- 2 A story of the potential effect of non-steroidal anti-inflammatory drugs (NSAIDs) in Parkinson's disease: beneficial or detrimental effects. ○
- 1 Cooperation between Prostaglandin E2 and Epidermal Growth Factor Receptor in Cancer Progression: A Dual Target for Cancer Therapy. **2023**, 15, 2374 ○