

Hyun Pyo Kim

List of Publications by Year in descending order

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72
papers

4,323
citations

136740

32
h-index

106150

65
g-index

73
all docs

73
docs citations

73
times ranked

5736
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-inflammatory Plant Flavonoids and Cellular Action Mechanisms. <i>Journal of Pharmacological Sciences</i> , 2004, 96, 229-245.	1.1	776
2	Effects of naturally occurring flavonoids on nitric oxide production in the macrophage cell line RAW 264.7 and their structure-activity relationships. <i>Biochemical Pharmacology</i> , 1999, 58, 759-765.	2.0	496
3	Effects of naturally occurring prenylated flavonoids on enzymes metabolizing arachidonic acid: Cyclooxygenases and lipoxygenases. Abbreviations: AA, arachidonic acid; COX, cyclooxygenase; LOX, lipoxygenase; PG, prostaglandin; TX, thromboxane; HETE, hydroxyeicosatetraenoic acid; NDGA, nordihydroguaiaretic acid; MTT, 3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide; LPS, lipopolysaccharide; DMEM, Dulbecco's modified Eagle's medium; FBS, fetal bovine serum; and PMN, polymorphonuclear leukocyte. <i>Biochemical Pharmacology</i> , 2001, 62, 1185-1191.	2.0	223
4	Effects of wogonin, a plant flavone from <i>Scutellaria radix</i> , on skin inflammation: in vivo regulation of inflammation-associated gene expression. <i>Biochemical Pharmacology</i> , 2003, 66, 1271-1278.	2.0	182
5	Effect of wogonin, a plant flavone from <i>Scutellaria radix</i> , on the suppression of cyclooxygenase-2 and the induction of inducible nitric oxide synthase in lipopolysaccharide-treated RAW 264.7 cells. <i>Biochemical Pharmacology</i> , 2001, 61, 1195-1203.	2.0	169
6	Effects of flavonoids on senescence-associated secretory phenotype formation from bleomycin-induced senescence in BJ fibroblasts. <i>Biochemical Pharmacology</i> , 2015, 96, 337-348.	2.0	136
7	Inhibition of cyclooxygenase/lipoxygenase from human platelets by polyhydroxylated/methoxylated flavonoids isolated from medicinal plants. <i>Archives of Pharmacal Research</i> , 1999, 22, 18-24.	2.7	134
8	Anti-inflammatory and anti-arthritic activity of total flavonoids of the roots of <i>Sophora flavescens</i> . <i>Journal of Ethnopharmacology</i> , 2010, 127, 589-595.	2.0	131
9	Biochemical pharmacology of biflavonoids: Implications for anti-inflammatory action. <i>Archives of Pharmacal Research</i> , 2008, 31, 265-273.	2.7	105
10	Amentoflavone, a plant biflavone: A new potential anti-inflammatory agent. <i>Archives of Pharmacal Research</i> , 1998, 21, 406-410.	2.7	98
11	Anti-inflammatory principles from the fruits of <i>Evodia rutaecarpa</i> and their cellular action mechanisms. <i>Archives of Pharmacal Research</i> , 2006, 29, 293-297.	2.7	83
12	Effects of sophoraflavanone g, a prenylated flavonoid from <i>sophoraFlavescens</i> , on cyclooxygenase-2 and In Vivo inflammatory response. <i>Archives of Pharmacal Research</i> , 2002, 25, 329-335.	2.7	81
13	Matrix metalloproteinase-13 expression in IL-1 β -treated chondrocytes by activation of the p38 MAPK/c-Fos/AP-1 and JAK/STAT pathways. <i>Archives of Pharmacal Research</i> , 2011, 34, 109-117.	2.7	81
14	Inhibition of 5-lipoxygenase and skin inflammation by the aerial parts of <i>Artemisia capillaris</i> and its constituents. <i>Archives of Pharmacal Research</i> , 2011, 34, 1561-1569.	2.7	81
15	Anti-allergic activity of sesquiterpenes from the rhizomes of <i>Cyperus rotundus</i> . <i>Archives of Pharmacal Research</i> , 2011, 34, 223-228.	2.7	70
16	The root barks of <i>Morus alba</i> and the flavonoid constituents inhibit airway inflammation. <i>Journal of Ethnopharmacology</i> , 2013, 149, 169-175.	2.0	69
17	Inhibition of collagenase by naturally-occurring flavonoids. <i>Archives of Pharmacal Research</i> , 2005, 28, 1152-1155.	2.7	68
18	Flavonoids interfere with NLRP3 inflammasome activation. <i>Toxicology and Applied Pharmacology</i> , 2018, 355, 93-102.	1.3	67

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19	Anti-inflammatory activity of the major constituents of <i>Lonicera japonica</i> . Archives of Pharmacal Research, 1995, 18, 133-135.	2.7	64
20	Ginsenosides from Korean Red Ginseng ameliorate lung inflammatory responses: inhibition of the MAPKs/NF- κ B/c-Fos pathways. Journal of Ginseng Research, 2018, 42, 476-484.	3.0	57
21	Flavonoids from the aerial parts of <i>Houttuynia cordata</i> attenuate lung inflammation in mice. Archives of Pharmacal Research, 2015, 38, 1304-1311.	2.7	52
22	Anti-inflammatory activity of phylligenin, a lignan from the fruits of <i>Forsythia koreana</i> , and its cellular mechanism of action. Journal of Ethnopharmacology, 2008, 118, 113-117.	2.0	50
23	Inhibition of airway inflammation by the roots of <i>Angelica decursiva</i> and its constituent, columbianadin. Journal of Ethnopharmacology, 2014, 155, 1353-1361.	2.0	50
24	Prenylated flavonoids as tyrosinase inhibitors. Archives of Pharmacal Research, 2004, 27, 1132-1135.	2.7	47
25	Inhibition of prostaglandin and nitric oxide production in lipopolysaccharide-treated RAW 264.7 cells by tanshinones from the roots of <i>Salvia miltiorrhiza bunge</i> . Archives of Pharmacal Research, 2008, 31, 758-763.	2.7	47
26	Cyclooxygenase-2 Inhibitory Cerebrosides from <i>Phytolacca Radix</i> . Chemical and Pharmaceutical Bulletin, 2001, 49, 321-323.	0.6	46
27	Effects of Flavonoids on Matrix Metalloproteinase-13 Expression of Interleukin-1 β -Treated Articular Chondrocytes and Their Cellular Mechanisms: Inhibition of c-Fos/AP-1 and JAK/STAT Signaling Pathways. Journal of Pharmacological Sciences, 2011, 116, 221-231.	1.1	45
28	Inhibition of contact dermatitis in animal models and suppression of proinflammatory gene expression by topically applied Flavonoid, Wogonin. Archives of Pharmacal Research, 2004, 27, 442-8.	2.7	44
29	Anti-inflammatory activity of the constituents of the roots of <i>Aralia continentalis</i> . Archives of Pharmacal Research, 2009, 32, 1237-1243.	2.7	43
30	Ginsenosides from Korean red ginseng inhibit matrix metalloproteinase-13 expression in articular chondrocytes and prevent cartilage degradation. European Journal of Pharmacology, 2014, 724, 145-151.	1.7	35
31	Flavonoids: Broad Spectrum Agents on Chronic Inflammation. Biomolecules and Therapeutics, 2019, 27, 241-253.	1.1	35
32	Aurantio-obtusin, an anthraquinone from cassiae semen, ameliorates lung inflammatory responses. Phytotherapy Research, 2018, 32, 1537-1545.	2.8	34
33	Inhibition of Experimental Atopic Dermatitis by Rhubarb (Rhizomes of <i>Rheum tanguticum</i>) and 5 α -Lipoxygenase Inhibition of its Major Constituent, Emodin. Phytotherapy Research, 2011, 25, 755-759.	2.8	32
34	Moracin M inhibits airway inflammation by interrupting the JNK/c-Jun and NF- κ B pathways in vitro and in vivo. European Journal of Pharmacology, 2016, 783, 64-72.	1.7	32
35	Inhibition of mouse ear edema by steroidal and triterpenoid saponins. Archives of Pharmacal Research, 1999, 22, 313-316.	2.7	31
36	A chrysin analog exhibited strong inhibitory activities against both PGE2 and NO production. European Journal of Medicinal Chemistry, 2011, 46, 4657-4660.	2.6	31

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37	Effects of the rhizomes of <i>Atractylodes japonica</i> and atractylenolide I on allergic response and experimental atopic dermatitis. <i>Archives of Pharmacal Research</i> , 2012, 35, 2007-2012.	2.7	30
38	Inhibition of chronic skin inflammation by topical anti-inflammatory flavonoid preparation, ato formula [®] . <i>Archives of Pharmacal Research</i> , 2006, 29, 503-507.	2.7	29
39	Inhibition of Proinflammatory Cytokine Generation in Lung Inflammation by the Leaves of <i>Perilla frutescens</i> and Its Constituents. <i>Biomolecules and Therapeutics</i> , 2014, 22, 62-67.	1.1	28
40	Synthesis and PGE2 Inhibitory Activity of 5,7-Dihydroxyflavones and Their O-Methylated Flavone Analogs. <i>Archives of Pharmacal Research</i> , 2003, 26, 345-350.	2.7	27
41	Methyl caffeate and some plant constituents inhibit age-related inflammation: effects on senescence-associated secretory phenotype (SASP) formation. <i>Archives of Pharmacal Research</i> , 2017, 40, 524-535.	2.7	27
42	Therapeutic Potential of Medicinal Plants and Their Constituents on Lung Inflammatory Disorders. <i>Biomolecules and Therapeutics</i> , 2017, 25, 91-104.	1.1	27
43	5- <i>Lipoxygenase</i> inhibitory constituents from <i>Schizandra fructus</i> and <i>Magnolia flos</i> . <i>Phytotherapy Research</i> , 2009, 23, 1489-1492.	2.8	23
44	Methyl Protodioscin from the Roots of <i>Asparagus cochinchinensis</i> Attenuates Airway Inflammation by Inhibiting Cytokine Production. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-12.	0.5	23
45	Inhibition of nitric oxide production from lipopolysaccharide-treated RAW 264.7 cells by synthetic flavones: Structure-activity relationship and action mechanism. <i>Archives of Pharmacal Research</i> , 2004, 27, 937-943.	2.7	22
46	New synthetic anti-inflammatory chrysin analog, 5,7-dihydroxy-8-(pyridine-4yl)flavone. <i>European Journal of Pharmacology</i> , 2011, 670, 617-622.	1.7	21
47	Inhibition of arachidonate release from rat peritoneal macrophage by biflavonoids. <i>Archives of Pharmacal Research</i> , 1997, 20, 533-538.	2.7	20
48	(-)-Nyasol (cis-hinokiresinol), a norneolignan from the rhizomes of <i>Anemarrhena asphodeloides</i> , is a broad spectrum inhibitor of eicosanoid and nitric oxide production. <i>Archives of Pharmacal Research</i> , 2009, 32, 1509-1514.	2.7	18
49	Therapeutic Potential of the Rhizomes of <i>Anemarrhena asphodeloides</i> and Timosaponin A-III in an Animal Model of Lipopolysaccharide-Induced Lung Inflammation. <i>Biomolecules and Therapeutics</i> , 2018, 26, 553-559.	1.1	17
50	Anti-inflammatory activity of <i>Elsholtzia splendens</i> . <i>Archives of Pharmacal Research</i> , 2003, 26, 232-236.	2.7	16
51	Inhibition of Prostaglandin Production by a Structurally-Optimized Flavonoid Derivative, 2',4',7-Trimethoxyflavone and Cellular Action Mechanism. <i>Biological and Pharmaceutical Bulletin</i> , 2005, 28, 1366-1370.	0.6	16
52	New anti-inflammatory synthetic biflavonoid with C-C (6-6 ³) linkage: Differential effects on cyclooxygenase-2 and inducible nitric oxide synthase. <i>Archives of Pharmacal Research</i> , 2009, 32, 1525-1531.	2.7	16
53	Effects of the chestnut inner shell extract on the expression of adhesion molecules, fibronectin and vitronectin, of skin fibroblasts in culture. <i>Archives of Pharmacal Research</i> , 2002, 25, 469-474.	2.7	15
54	Acetylcholinesterase Inhibitors from <i>Angelica polymorpha</i> Stem. <i>Natural Product Sciences</i> , 2017, 23, 97.	0.2	14

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55	Interruption of <i>Helicobacter pylori</i> -Induced NLRP3 Inflammasome Activation by Chalcone Derivatives. <i>Biomolecules and Therapeutics</i> , 2021, 29, 410-418.	1.1	14
56	Inhibition of matrix metalloproteinase-13 expression in IL-1 β -treated articular chondrocytes by a steroidal saponin, spicatoside A, and its cellular mechanisms of action. <i>Archives of Pharmacal Research</i> , 2015, 38, 1108-1116.	2.7	13
57	Inhibition of Lung Inflammation by <i>Acanthopanax divaricatus</i> var. <i>Albeofructus</i> and Its Constituents. <i>Biomolecules and Therapeutics</i> , 2016, 24, 67-74.	1.1	12
58	Impressic acid from <i>Acanthopanax koreanum</i> , possesses matrix metalloproteinase-13 down-regulating capacity and protects cartilage destruction. <i>Journal of Ethnopharmacology</i> , 2017, 209, 73-81.	2.0	11
59	Protection of the flowers of <i>Prunus persica</i> extract from ultraviolet B-induced damage of normal human keratinocytes. <i>Archives of Pharmacal Research</i> , 2000, 23, 396-400.	2.7	9
60	Inhibitory effects of plant extracts on adjuvant-induced arthritis. <i>Archives of Pharmacal Research</i> , 1997, 20, 313-317.	2.7	8
61	Topical anti-inflammatory activity of dianemycin isolated from <i>Streptomyces</i> sp. MT 2705-4. <i>Archives of Pharmacal Research</i> , 1997, 20, 372-374.	2.7	8
62	Flavonoids from <i>Scutellaria baicalensis</i> inhibit senescence-associated secretory phenotype production by interrupting $\text{I}\beta\text{B}1/\text{C}/\text{EBP}1^2$ pathway: Inhibition of age-related inflammation. <i>Phytomedicine</i> , 2020, 76, 153255.	2.3	8
63	Matrix metalloproteinase-13 downregulation and potential cartilage protective action of the Korean Red Ginseng preparation. <i>Journal of Ginseng Research</i> , 2015, 39, 54-60.	3.0	7
64	New anti-inflammatory formulation containing <i>Synurus deltoides</i> extract. <i>Archives of Pharmacal Research</i> , 2005, 28, 848-853.	2.7	4
65	Inhibitory Mechanisms of Water Extract of <i>Oplopanax elatus</i> on Lipopolysaccharide-Induced Inflammatory Responses in RAW 264.7 Murine Macrophage Cells. <i>Chinese Journal of Integrative Medicine</i> , 2020, 26, 670-676.	0.7	4
66	A new 3, 4-epoxyfurocoumarin from <i>Heracleum moellendorffii</i> Roots. <i>Natural Product Sciences</i> , 2017, 23, 213.	0.2	3
67	The Long Search for Pharmacologically Useful Anti-Inflammatory Flavonoids and Their Action Mechanisms: Past, Present, and Future. <i>Biomolecules and Therapeutics</i> , 2022, , .	1.1	3
68	Mouse thymocyte cytolysis of several anti-inflammatory steroid derivatives. <i>Archives of Pharmacal Research</i> , 1990, 13, 161-165.	2.7	1
69	The New Phytoformula Containing <i>Morus alba</i> , <i>Schizandra sinensis</i> and <i>Asparagus cochinchinensis</i> Inhibits Lung Inflammation in vitro and in vivo. <i>Natural Product Sciences</i> , 2016, 22, 70.	0.2	1
70	Potential Moracin M Prodrugs Strongly Attenuate Airway Inflammation <i>In Vivo</i> . <i>Biomolecules and Therapeutics</i> , 2020, 28, 344-353.	1.1	1
71	Anti-allergic Effects of the Rhizomes of <i>Atractylodes japonica</i> and the Main Constituents. , 2012, , .		0
72	Anti-arthritic Effects of <i>Oplopanax elatus</i> in a Rat Model of Rheumatoid Arthritis (Adjuvant-induced) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.2	0