

# Yong-Bum Kim

## List of Publications by Year in descending order

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75  
papers

1,029  
citations

430874

18  
h-index

580821

25  
g-index

77  
all docs

77  
docs citations

77  
times ranked

1513  
citing authors

#	ARTICLE	IF	CITATIONS
1	PTP1B and $\alpha$ -glucosidase inhibitory activities of the chemical constituents from <i>Hedera rhombea</i> fruits: Kinetic analysis and molecular docking simulation. <i>Phytochemistry</i> , 2022, 197, 113100.	2.9	13
2	Anti-inflammatory Lignans from the Roots of <i>Asarum heterotropoides</i> var. <i>mandshuricum</i> and Their Mechanism of Action. <i>Chemistry and Biodiversity</i> , 2022, 19, .	2.1	4
3	Diterpenoids isolated from the root of <i>Salvia miltiorrhiza</i> and their anti-inflammatory activity. <i>Natural Product Research</i> , 2021, 35, 726-732.	1.8	20
4	Triterpenoids from <i>Celastrus orbiculatus</i> Thunb. inhibit RANKL-induced osteoclast formation and bone resorption via c-Fos signaling. <i>Journal of Natural Medicines</i> , 2021, 75, 56-65.	2.3	6
5	Flavonoids from the peels of <i>Citrus unshiu</i> Markov. and their inhibitory effects on RANKL-induced osteoclastogenesis through the downregulation of c-Fos signaling in vitro. <i>Bioorganic Chemistry</i> , 2021, 107, 104613.	4.1	5
6	SARS-CoV-2 main protease inhibition by compounds isolated from <i>Luffa cylindrica</i> using molecular docking. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 40, 127972.	2.2	11
7	Polyacetylenes and Flavonoids Isolated from Flowers of <i>Carthamus tinctorius</i> . <i>Chemistry of Natural Compounds</i> , 2021, 57, 635-640.	0.8	3
8	Structural characterization of prenylated compounds from <i>Broussonetia kazinoki</i> and their antiosteoclastogenic activity. <i>Phytochemistry</i> , 2021, 188, 112791.	2.9	6
9	Metabolism of Diterpenoids Derived from the Bark of <i>Cinnamomum cassia</i> in Human Liver Microsomes. <i>Pharmaceutics</i> , 2021, 13, 1316.	4.5	3
10	PTP1B inhibition studies of biological active phloroglucinols from the rhizomes of <i>Dryopteris crassirhizoma</i> : Kinetic properties and molecular docking simulation. <i>International Journal of Biological Macromolecules</i> , 2021, 188, 719-728.	7.5	22
11	Anti-osteoclastogenic Effects of Indole Alkaloids Isolated from Barley ( <i>Hordeum</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 347 12994-13005.	5.2	3
12	<i>In vitro</i> characterization of glycyrol metabolites in human liver microsomes using HR-resolution MS spectrometer coupled with tandem mass spectrometry. <i>Xenobiotica</i> , 2020, 50, 380-388.	1.1	7
13	Characterization of hydrocoptisonine metabolites in human liver microsomes using a high-resolution quadrupole-orbitrap mass spectrometer. <i>Xenobiotica</i> , 2020, 50, 1423-1433.	1.1	3
14	Phytochemical and pharmacological properties of <i>Myristica fragrans</i> Houtt.: an updated review. <i>Archives of Pharmacal Research</i> , 2020, 43, 1067-1092.	6.3	42
15	Antioxidant and Antidiabetic Activities of Flavonoid Derivatives from the Outer Skins of <i>Allium cepa</i> L. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 8797-8811.	5.2	31
16	Tetra-aryl cyclobutane and stilbenes from the rhizomes of <i>Rheum undulatum</i> and their $\alpha$ -glucosidase inhibitory activity: Biological evaluation, kinetic analysis, and molecular docking simulation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 127049.	2.2	6
17	Stilbenes with Potent Protein Tyrosine Phosphatase-1B Inhibitory Activity from the Roots of <i>Polygonum multiflorum</i> . <i>Journal of Natural Products</i> , 2020, 83, 323-332.	3.0	17
18	Inhibition of PTP1B by farnesylated 2-arylbenzofurans isolated from <i>Morus alba</i> root bark: unraveling the mechanism of inhibition based on in vitro and in silico studies. <i>Archives of Pharmacal Research</i> , 2020, 43, 961-975.	6.3	14

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19	Anti-inflammatory and cytotoxic activities of constituents isolated from the fruits of <i>Ziziphus jujuba</i> var. <i>inermis</i> Rehder. <i>FÄ-toterapÄ-Äç</i> , 2019, 137, 104261.	2.2	14
20	Five new diterpenoids from the barks of <i>Cinnamomum cassia</i> (L.) J. Presl. <i>Phytochemistry Letters</i> , 2019, 32, 23-28.	1.2	15
21	Lignans from <i>Saururus chinensis</i> exhibit anti-inflammatory activity by influencing the Nrf2/HO-1 activation pathway. <i>Archives of Pharmacal Research</i> , 2019, 42, 332-343.	6.3	14
22	Identification of specific UGT1A9-mediated glucuronidation of licoricidin in human liver microsomes. <i>Biopharmaceutics and Drug Disposition</i> , 2019, 40, 94-98.	1.9	7
23	Trichosanhemiketal A and B: Two 13,14-seco-13,14-epoxyperiferastanes from the root of <i>Trichosanthes kirilowii</i> Maxim.. <i>Bioorganic Chemistry</i> , 2019, 83, 105-110.	4.1	11
24	Assessing the safety of an <i>Ephedrae Herba</i> aqueous extract in rats: A repeat dose toxicity study. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 94, 144-151.	2.7	17
25	Cholinesterase inhibitory alkaloids from the rhizomes of <i>Coptis chinensis</i> . <i>Bioorganic Chemistry</i> , 2018, 77, 625-632.	4.1	12
26	Computational insights into Î²-site amyloid precursor protein enzyme 1 (BACE1) inhibition by tanshinones and salvianolic acids from <i>Salvia miltiorrhiza</i> via molecular docking simulations. <i>Computational Biology and Chemistry</i> , 2018, 74, 273-285.	2.3	14
27	Lactones from the pericarps of <i>Litsea japonica</i> and their anti-inflammatory activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2109-2115.	2.2	11
28	Anti-inflammatory activity of caffeic acid derivatives isolated from the roots of <i>Salvia miltiorrhiza</i> Bunge. <i>Archives of Pharmacal Research</i> , 2018, 41, 64-70.	6.3	54
29	PTP1B inhibitory activity and molecular docking analysis of stilbene derivatives from the rhizomes of <i>Rheum undulatum</i> L.. <i>FÄ-toterapÄ-Äç</i> , 2018, 131, 119-126.	2.2	23
30	Anti-inflammatory activity of compounds from the rhizome of <i>Cnidium officinale</i> . <i>Archives of Pharmacal Research</i> , 2018, 41, 977-985.	6.3	15
31	28-Noroleanane-derived spirocyclic triterpenoids and iridoid glucosides from the roots of <i>Phlomis umbrosa</i> (Turcz.) Kamelin & Makhm with their cytotoxic effects. <i>Phytochemistry</i> , 2018, 153, 138-146.	2.9	7
32	Alkaloids from <i>Piper nigrum</i> Exhibit Antiinflammatory Activity via Activating the Nrf2/HO-1 Pathway. <i>Phytotherapy Research</i> , 2017, 31, 663-670.	5.8	29
33	Cytotoxic and apoptosis-inducing activities against human lung cancer cell lines of cassaine diterpenoids from the bark of <i>Erythrophleum fordii</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 2946-2952.	2.2	13
34	PTP1B inhibitors from <i>Selaginella tamariscina</i> (Beauv.) Spring and their kinetic properties and molecular docking simulation. <i>Bioorganic Chemistry</i> , 2017, 72, 273-281.	4.1	23
35	Anti-inflammatory activities of compounds from twigs of <i>Morus alba</i> . <i>FÄ-toterapÄ-Äç</i> , 2017, 120, 17-24.	2.2	26
36	Chemical constituents from the fruits of <i>Ligustrum japonicum</i> and their inhibitory effects on T cell activation. <i>Phytochemistry</i> , 2017, 141, 147-155.	2.9	25

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37	Characterization of the inhibitory activity of natural tanshinones from <i>Salvia miltiorrhiza</i> roots on protein tyrosine phosphatase 1B. <i>Chemico-Biological Interactions</i> , 2017, 278, 65-73.	4.0	31
38	Inhibitory effects of serratene-type triterpenoids from <i>Lycopodium complanatum</i> on cholinesterases and $\beta$ -secretase 1. <i>Chemico-Biological Interactions</i> , 2017, 274, 150-157.	4.0	14
39	Four New Lignans and IL-2 Inhibitors from <i>Magnoliae Flos</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 2017, 65, 840-847.	1.3	16
40	Preclinical and Clinical Studies Demonstrate That the Proprietary Herbal Extract DA-5512 Effectively Stimulates Hair Growth and Promotes Hair Health. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-11.	1.2	11
41	Anti-allergic and Cytotoxic Effects of Sesquiterpenoids and Phenylpropanoids Isolated from <i>Magnolia biondii</i> . <i>Natural Product Communications</i> , 2017, 12, 1934578X1701201.	0.5	1
42	Cytotoxic Activity of Compounds from <i>Styrax obassia</i> . <i>Natural Product Communications</i> , 2017, 12, 1934578X1701200.	0.5	2
43	Isolation of a New Homomonoterpene from <i>Madhuca Pasquieri</i> and Effect of Isolated Compounds on NO Production. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	1
44	Anti-allergic Inflammatory Triterpenoids Isolated from the Spikes of <i>Prunella Vulgaris</i> . <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	5
45	Antioxidant and Anti-Inflammatory Effects of <i>Rhei Rhizoma</i> and <i>Coptidis Rhizoma</i> Mixture on Reflux Esophagitis in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-13.	1.2	36
46	Anti-cholinesterases and memory improving effects of Vietnamese <i>Xylia xylocarpa</i> . <i>Chemistry Central Journal</i> , 2016, 10, 48.	2.6	13
47	Anti-Inflammatory Activity of a Novel Acetylene Isolated from the Roots of <i>Angelica tenuissima</i> Nakai. <i>Helvetica Chimica Acta</i> , 2016, 99, 447-451.	1.6	6
48	Investigation of selective inhibitory effects of glycyrol on human CYP 1A1 and 2C9. <i>Xenobiotica</i> , 2016, 46, 857-861.	1.1	11
49	Quantitative and Pattern Recognition Analyses of Five Marker Compounds in Raphani Semen using High-Performance Liquid Chromatography. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 2307-2319.	1.9	1
50	Anti-inflammatory Flavonoids Isolated from <i>Passiflora foetida</i> . <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.5	12
51	Anti-allergic Inflammatory Activities of Compounds of <i>Amomi Fructus</i> . <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.5	7
52	Anti-inflammatory Compounds from <i>Ampelopsis cantoniensis</i> . <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.5	2
53	Selective inhibitory effects of machilin A isolated from <i>Machilus thunbergii</i> on human cytochrome P450 1A and 2B6. <i>Phytomedicine</i> , 2015, 22, 615-620.	5.3	10
54	Isolation of cholinesterase and $\beta$ -secretase 1 inhibiting compounds from <i>Lycopodiella cernua</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 3126-3134.	3.0	31

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55	Inhibitory effects of compounds from <i>Styrax obassia</i> on NO production. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5087-5091.	2.2	18
56	Kinetics and molecular docking studies of cholinesterase inhibitors derived from water layer of <i>Lycopodiella cernua</i> (L.) Pic. Serm. (II). <i>Chemico-Biological Interactions</i> , 2015, 240, 74-82.	4.0	17
57	The Pharmacological Effects of Benachio-FÂ® on Rat Gastrointestinal Functions. <i>Biomolecules and Therapeutics</i> , 2015, 23, 350-356.	2.4	3
58	Potent Acetylcholinesterase Inhibitory Compounds from <i>Myristica fragrans</i> . <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.5	13
59	In vitro apoptotic effect of cassaine-type diterpene amides from <i>Erythrophleum fordii</i> on PC-3 prostate cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 4989-4994.	2.2	11
60	Cassaine diterpene alkaloids from <i>Erythrophleum fordii</i> and their anti-angiogenic effect. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 168-172.	2.2	18
61	Vascular barrier protective effects of pellitorine in LPS-induced inflammation in vitro and in vivo. <i>F&amp;A-toterap</i> , 2014, 92, 177-187.	2.2	16
62	Antithrombotic activities of pellitorine in vitro and in vivo. <i>F&amp;A-toterap</i> , 2013, 91, 1-8.	2.2	15
63	Sterols isolated from seeds of <i>Panax ginseng</i> and their antiinflammatory activities. <i>Pharmacognosy Magazine</i> , 2013, 9, 182.	0.6	15
64	Phenolic Glycosides from <i>Lindera obtusiloba</i> and their Anti-allergic Inflammatory Activities. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.5	9
65	Anti-allergic Inflammatory Effects of Cyanogenic and Phenolic Glycosides from the Seed of <i>Prunus persica</i> . <i>Natural Product Communications</i> , 2013, 8, 1934578X1300801.	0.5	1
66	Anti-allergic inflammatory effects of cyanogenic and phenolic glycosides from the seed of <i>Prunus persica</i> . <i>Natural Product Communications</i> , 2013, 8, 1739-40.	0.5	5
67	A new lupane-type triterpene from the seeds of <i>Panax ginseng</i> with its inhibition of NF- $\kappa$ B. <i>Archives of Pharmacal Research</i> , 2012, 35, 647-651.	6.3	9
68	Isoconiferoside, a New Phenolic Glucoside from Seeds of <i>Panax ginseng</i> . <i>Molecules</i> , 2011, 16, 6577-6581.	3.8	8
69	Effects of impressic acid from <i>Acanthopanax koreanum</i> on NF- $\kappa$ B and PPAR $\gamma$ activities. <i>Archives of Pharmacal Research</i> , 2011, 34, 1347-1351.	6.3	23
70	Protective Effect of Components Isolated from <i>Lindera erythrocarpa</i> against Oxidative Stress-induced Apoptosis of H9c2 Cardiomyocytes. <i>Phytotherapy Research</i> , 2011, 25, 1612-1617.	5.8	24
71	New monoterpene glycosides and phenolic compounds from <i>Distylium racemosum</i> and their inhibitory activity against ribonuclease H. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 2840-2844.	2.2	8
72	Components from the steamed leaves of <i>Acanthopanax koreanum</i> and their effects on PPAR activity in HepG2 cells. <i>Natural Product Communications</i> , 2011, 6, 1233-6.	0.5	2

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73	Lupane-type triterpenoids from the steamed leaves of <i>Acanthopanax koreanum</i> and their inhibitory effects on the LPS-stimulated pro-inflammatory cytokine production in bone marrow-derived dendritic cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 6703-6707.	2.2	30
74	NF- $\kappa$ B inhibitory activity of compounds isolated from <i>Cantharellus cibarius</i> . <i>Phytotherapy Research</i> , 2008, 22, 1104-1106.	5.8	20
75	Inhibition of Mushroom Tyrosinase and Melanogenesis B16 Mouse Melanoma Cells by Components Isolated from <i>Curcuma longa</i> . <i>Natural Product Communications</i> , 2008, 3, 1934578X0800301.	0.5	7