List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/12013752/publications.pdf Version: 2024-02-01



SANG HYUN SUNG

#	Article	IF	CITATIONS
1	Comparative transcriptome and metabolome analyses of four Panax species explore the dynamics of metabolite biosynthesis. Journal of Ginseng Research, 2023, 47, 44-53.	5.7	5
2	Assessing specialized metabolite diversity of Alnus species by a digitized LC–MS/MS data analysis workflow. Phytochemistry, 2020, 173, 112292.	2.9	15
3	DA-9801 and its saponins, dioscin and protodioscin, protect primary cortical neurons from hyperglycemia-induced neurotoxicity. Journal of Functional Foods, 2019, 54, 231-240.	3.4	5
4	Molecular Networking Reveals the Chemical Diversity of Selaginellin Derivatives, Natural Phosphodiesterase-4 Inhibitors from <i>Selaginella tamariscina</i> . Journal of Natural Products, 2019, 82, 1820-1830.	3.0	40
5	Comprehensive mass spectrometryâ€guided phenotyping of plant specialized metabolites reveals metabolic diversity in the cosmopolitan plant family Rhamnaceae. Plant Journal, 2019, 98, 1134-1144.	5.7	59
6	Genome and evolution of the shadeâ€requiring medicinal herb <i>Panax ginseng</i> . Plant Biotechnology Journal, 2018, 16, 1904-1917.	8.3	136
7	Targeted Isolation of Neuroprotective Dicoumaroyl Neolignans and Lignans from <i>Sageretia theezans</i> Using <i>in Silico</i> Molecular Network Annotation Propagation-Based Dereplication. Journal of Natural Products, 2018, 81, 1819-1828.	3.0	44
8	Rhamnellosides A and B, ω-Phenylpentaene Fatty Acid Amide Diglycosides from the Fruits of Rhamnella franguloides. Molecules, 2018, 23, 752.	3.8	3
9	Identification of candidate UDP-glycosyltransferases involved in protopanaxadiol-type ginsenoside biosynthesis in Panax ginseng. Scientific Reports, 2018, 8, 11744.	3.3	41
10	Structure elucidation of a new triterpene from <i>Rhus trichocarpa</i> roots. Magnetic Resonance in Chemistry, 2017, 55, 763-766.	1.9	4
11	Catechin-Bound Ceanothane-Type Triterpenoid Derivatives from the Roots of <i>Zizyphus jujuba</i> . Journal of Natural Products, 2017, 80, 1048-1054.	3.0	17
12	Hydrolyzable tannins from the fruits of Terminalia chebula Retz and their α-glucosidase inhibitory activities. Phytochemistry, 2017, 137, 109-116.	2.9	62
13	Berchemiosides A–C, 2-Acetoxy-ï‰-phenylpentaene Fatty Acid Triglycosides from the Unripe Fruits of <i>Berchemia berchemiifolia</i> . Journal of Natural Products, 2017, 80, 2778-2786.	3.0	16
14	Ceanothane- and lupane-type triterpene esters from the roots of Hovenia dulcis and their antiproliferative activity on HSC-T6 cells. Phytochemistry, 2017, 142, 60-67.	2.9	14
15	Antiplasmodial Activity, Cytotoxicity and Structure-Activity Relationship Study of Cyclopeptide Alkaloids. Molecules, 2017, 22, 224.	3.8	22
16	Cytotoxic activities of naturally occurring oleanane-, ursane-, and lupane-type triterpenes on HepG2 and AGS cells. Pharmacognosy Magazine, 2017, 13, 118.	0.6	13
17	Anti-differentiation effect of B, D-seco limonoids of Swietenia mahogani. Pharmacognosy Magazine, 2017, 13, 293.	0.6	2
18	Hepatoprotective flavonoids in Opuntia ficus-indica fruits by reducing oxidative stress in primary rat hepatocytes. Pharmacognosy Magazine, 2017, 13, 472.	0.6	21

#	Article	IF	CITATIONS
19	Preparative Purification of Anti-Proliferative Diarylheptanoids from Betula platyphylla by High-Speed Counter-Current Chromatography. Molecules, 2016, 21, 700.	3.8	5
20	Cytotoxic Ceanothane- and Lupane-Type Triterpenoids from the Roots of <i>Ziziphus jujuba</i> . Journal of Natural Products, 2016, 79, 2364-2375.	3.0	28
21	Ginsenoside 20(S)-Rh2 exerts anti-cancer activity through targeting IL-6-induced JAK2/STAT3 pathway in human colorectal cancer cells. Journal of Ethnopharmacology, 2016, 194, 83-90.	4.1	76
22	Ameliorative effect of betulin from Betula platyphylla bark on scopolamine-induced amnesic mice. Bioscience, Biotechnology and Biochemistry, 2016, 80, 166-171.	1.3	23
23	Platyphylloside Isolated From Inhibit Adipocyte Differentiation and Induce Lipolysis Via Regulating Adipokines Including PPARÎ ³ in 3T3-L1 Cells. Pharmacognosy Magazine, 2016, 12, 276-281.	0.6	13
24	Kuwanon V Inhibits Proliferation, Promotes Cell Survival and Increases Neurogenesis of Neural Stem Cells. PLoS ONE, 2015, 10, e0118188.	2.5	35
25	Hepatoprotective constituents of Firmiana simplex stem bark against ethanol insult to primary rat hepatocytes. Pharmacognosy Magazine, 2015, 11, 55.	0.6	16
26	Identification of ginsenoside markers from dry purified extract of Panax ginseng by a dereplication approach and UPLC–QTOF/MS analysis. Journal of Pharmaceutical and Biomedical Analysis, 2015, 109, 91-104.	2.8	35
27	Jubanines F–J, cyclopeptide alkaloids from the roots of Ziziphus jujuba. Phytochemistry, 2015, 119, 90-95.	2.9	53
28	Anti-adipogenic activity of a new cyclic diarylheptanoid isolated from Alnus japonica on 3T3-L1 cells via modulation of PPARγ, C/EBPα and SREBP1c signaling. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 4648-4651.	2.2	19
29	The ethanolic extract of Juglans sinensis leaves and twigs attenuates CCl ₄ -induced hepatic oxidative stress in rats. Pharmacognosy Magazine, 2015, 11, 533.	0.6	8
30	Chemical constituents isolated from Disporum viridescens leaves and their inhibitory effect on nitric oxide production in BV2 microglial cells. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 5675-5678.	2.2	19
31	Micelle-Mediated Extraction of Dibenzocyclooctadiene Lignans from Schisandra chinensis with Analysis by High-Performance Liquid Chromatography. Journal of Chromatographic Science, 2014, 52, 745-750.	1.4	5
32	The effects of Betula platyphylla bark on amyloid beta-induced learning and memory impairment in mice. Food and Chemical Toxicology, 2014, 74, 156-163.	3.6	10
33	Isolation and structure elucidation of (â^')-idescarparide, a new spiro compound from Idesia polycarpa. Tetrahedron Letters, 2014, 55, 5447-5449.	1.4	5
34	Neuroprotective biflavonoids of Chamaecyparis obtusa leaves against glutamate-induced oxidative stress in HT22 hippocampal cells. Food and Chemical Toxicology, 2014, 64, 397-402.	3.6	44
35	Complete 1H-NMR and 13C-NMR spectral analysis of the pairs of 20(S) and 20(R) ginsenosides. Journal of Ginseng Research, 2014, 38, 194-202.	5.7	34
36	<i>ent</i> -Kaurane and <i>ent</i> -Pimarane Diterpenes from <i>Siegesbeckia pubescens</i> Inhibit Lipopolysaccharide-Induced Nitric Oxide Production in BV2 Microglia. Biological and Pharmaceutical Bulletin, 2014, 37, 152-157.	1.4	20

#	Article	IF	CITATIONS
37	Anti-adipogenic activity of compounds isolated from Idesia polycarpa on 3T3-L1 cells. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 3170-3174.	2.2	44
38	Cognitive-enhancing effects of Rhus verniciflua bark extract and its active flavonoids with neuroprotective and anti-inflammatory activities. Food and Chemical Toxicology, 2013, 58, 355-361.	3.6	90
39	The effects of lignan-riched extract of Shisandra chinensis on amyloid-β-induced cognitive impairment and neurotoxicity in the cortex and hippocampus of mouse. Journal of Ethnopharmacology, 2013, 146, 347-354.	4.1	89
40	Anti-adipogenic diarylheptanoids from Alnus hirsuta f. sibirica on 3T3-L1 cells. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 2069-2073.	2.2	29
41	Neuroprotective Compounds from Salix pseudo-lasiogyne Twigs and Their Anti-Amnesic Effects on Scopolamine-Induced Memory Deficit in Mice. Planta Medica, 2013, 79, 78-82.	1.3	24
42	Salicortin-Derivatives from Salix pseudo-lasiogyne Twigs Inhibit Adipogenesis in 3T3-L1 Cells via Modulation of C/EBP1 \pm and SREBP1c Dependent Pathway. Molecules, 2013, 18, 10484-10496.	3.8	28
43	Nodakenin Suppresses Lipopolysaccharide-Induced Inflammatory Responses in Macrophage Cells by Inhibiting Tumor Necrosis Factor Receptor-Associated Factor 6 and Nuclear Factor-I® Pathways and Protects Mice from Lethal Endotoxin Shock. Journal of Pharmacology and Experimental Therapeutics, 2012, 342, 654-664	2.5	67
44	Anti-inflammatory phenolics isolated from <i>Juniperus rigida</i> leaves and twigs in lipopolysaccharide-stimulated RAW264.7 macrophage cells. Journal of Enzyme Inhibition and Medicinal Chemistry, 2012, 27, 875-879.	5.2	23
45	Inhibitory alkaloids from <i>Dictamnus dasycarpus</i> root barks on lipopolysaccharide-induced nitric oxide production in BV2 cells. Journal of Enzyme Inhibition and Medicinal Chemistry, 2012, 27, 490-494.	5.2	23
46	Antifibrotic Activity of Diarylheptanoids fromBetula platyphyllatoward HSC-T6 Cells. Bioscience, Biotechnology and Biochemistry, 2012, 76, 1616-1620.	1.3	11
47	Implication of the Stereoisomers of Ginsenoside Derivatives in the Antiproliferative Effect of HSC-T6 Cells. Journal of Agricultural and Food Chemistry, 2012, 60, 11759-11764.	5.2	12
48	Neuroprotective and anti-inflammatory effects of flavonoids isolated from Rhus verniciflua in neuronal HT22 and microglial BV2 cell lines. Food and Chemical Toxicology, 2012, 50, 1940-1945.	3.6	128
49	Prickly Pear Cactus (<i>Opuntia ficus indica</i> var. <i>saboten</i>) Protects Against Stress-Induced Acute Gastric Lesions in Rats. Journal of Medicinal Food, 2012, 15, 968-973.	1.5	22
50	Cognition-enhancing and neuroprotective activities of the standardized extract of Betula platyphylla bark and its major diarylheptanoids. Phytomedicine, 2012, 19, 1315-1320.	5.3	34
51	Idesolide inhibits the adipogenic differentiation of mesenchymal cells through the suppression of nitric oxide production. European Journal of Pharmacology, 2012, 685, 218-223.	3.5	14
52	Cytotoxic terpenoids from Juglans sinensis leaves and twigs. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 2079-2083.	2.2	22
53	Neuroprotective iridoid glycosides from Cornus officinalis fruits against glutamate-induced toxicity in HT22 hippocampal cells. Phytomedicine, 2012, 19, 317-321.	5.3	48
54	Antiproliferative Triterpenes from the Leaves and Twigs of <i>Juglans sinensis</i> on HSC-T6 Cells. Journal of Natural Products, 2011, 74, 751-756.	3.0	28

#	Article	IF	CITATIONS
55	The herbal extract HMC05 inhibits neointima formation in balloon-injured rat carotid arteries: Possible therapeutic implications of HMC05. Journal of Ethnopharmacology, 2011, 133, 168-176.	4.1	8
56	HMC05 attenuates vascular contraction through inhibition of RhoA/Rho-kinase signaling pathway. Journal of Ethnopharmacology, 2011, 133, 484-489.	4.1	9
57	Sauchinone Attenuates Oxidative Stress-Induced Skeletal Muscle Myoblast Damage through the Down-Regulation of Ceramide. Biological and Pharmaceutical Bulletin, 2011, 34, 575-579.	1.4	12
58	Nrf2â€mediated liver protection by sauchinone, an antioxidant lignan, from acetaminophen toxicity through the PKCδâ€GSK3β pathway. British Journal of Pharmacology, 2011, 163, 1653-1665.	5.4	61
59	Discrimination of Scrophulariae Radix according to geographical origin and determination of active constituents by near infrared spectroscopy (NIRS). Microchemical Journal, 2011, 99, 213-217.	4.5	16
60	Antifibrotic activity of coumarins from Cnidium monnieri fruits in HSC-T6 hepatic stellate cells. Journal of Natural Medicines, 2011, 65, 370-374.	2.3	31
61	Inhibition of nitric oxide production in lipopolysaccharide-stimulated RAW264.7 macrophage cells by lignans isolated from Euonymus alatus leaves and twigs. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 2283-2286.	2.2	34
62	Antifibrotic constituents of Alnus firma on hepatic stellate cells. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 2906-2910.	2.2	10
63	Neuroprotective Diarylheptanoids from the Leaves and Twigs of <i>Juglans sinensis</i> against Glutamate-Induced Toxicity in HT22 Cells. Planta Medica, 2011, 77, 841-845.	1.3	28
64	Idesolide, an Isolate of Idesia polycarpa, Inhibits Apoptosis through Induction of Intracellular Heat Shock Protein 70 in C2C12 Muscle Cells. Biological and Pharmaceutical Bulletin, 2010, 33, 1063-1066.	1.4	18
65	Dammarane Derivatives Protect Cultured Rat Cortical Cells from Glutamate-induced Neurotoxicity. Journal of Pharmacy and Pharmacology, 2010, 52, 1505-1511.	2.4	6
66	Suppression of adipocyte differentiation by 15-methoxypinusolidic acid through inhibition of PPARÎ ³ activity. Archives of Pharmacal Research, 2010, 33, 1035-1041.	6.3	7
67	Limonoids from Dictamnus dasycarpus Protect Against Glutamate-induced Toxicity in Primary Cultured Rat Cortical Cells. Journal of Molecular Neuroscience, 2010, 42, 9-16.	2.3	47
68	Triterpenoidal saponins of Pulsatilla koreana roots. Phytochemistry, 2010, 71, 1892-1899.	2.9	28
69	Discrimination of Scrophularia spp. according to geographic origin with HPLC-DAD combined with multivariate analysis. Microchemical Journal, 2010, 94, 118-124.	4.5	6
70	Inhibition of antigen-induced degranulation by aryl compounds isolated from the bark of Betula platyphylla in RBL-2H3 cells. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 2824-2827.	2.2	25
71	New neuroprotective dibenzylbutane lignans isolated from <i>Machilus thunbergii</i> . Natural Product Research, 2010, 24, 562-568.	1.8	8
72	New Secoisolariciresinol Derivatives from <i>Lindera obtusiloba</i> Stems and Their Neuroprotective Activities. Planta Medica, 2010, 76, 294-297.	1.3	20

#	Article	IF	CITATIONS
73	Chemical Constituents of <i>Alnus firma</i> and Their Inhibitory Activity on Lipopolysaccharide-Induced Nitric Oxide Production in BV2 Microglia. Planta Medica, 2010, 76, 1007-1010.	1.3	23
74	Effect of Neuroprotective Flavonoids of <i>Agrimonia eupatoria</i> on Glutamate-Induced Oxidative Injury to HT22 Hippocampal Cells. Bioscience, Biotechnology and Biochemistry, 2010, 74, 1704-1706.	1.3	38
75	Efficient Method for Extraction and Simultaneous Determination of Active Constituents in Cornus officinalis by Reflux Extraction and High Performance Liquid Chromatography with Diode Array Detection. Journal of Liquid Chromatography and Related Technologies, 2009, 32, 822-832.	1.0	7
76	Cognitive-enhancing activity of loganin isolated from Cornus officinalis in scopolamine-induced amnesic mice. Archives of Pharmacal Research, 2009, 32, 677-683.	6.3	63
77	ESPâ€102, a combined extract of <i> Angelica gigas</i> , <i> Saururus chinensis</i> and <i>Schizandra chinensis</i> , protects against glutamateâ€nduced toxicity in primary cultures of rat cortical cells. Phytotherapy Research, 2009, 23, 1587-1591.	5.8	6
78	Simultaneous Determination of Five Active Constituents in the Aerial Parts of <i>Saururus chinensis</i> by HPLC-DAD. Journal of Liquid Chromatography and Related Technologies, 2009, 32, 2943-2953.	1.0	5
79	Suppression of Th2-driven, allergen-induced airway inflammation by sauchinone. Biochemical and Biophysical Research Communications, 2009, 385, 204-209.	2.1	19
80	KD-501, a standardized extract of Scrophularia buergeriana has both cognitive-enhancing and antioxidant activities in mice given scopolamine. Journal of Ethnopharmacology, 2009, 121, 98-105.	4.1	48
81	Compounds with neuroprotective activity from the medicinal plantMachilus thunbergii. Journal of Enzyme Inhibition and Medicinal Chemistry, 2009, 24, 1117-1121.	5.2	22
82	Chemical constituents isolated from <i>Polygala japonica</i> leaves and their inhibitory effect on nitric oxide production <i>in vitro</i> . Journal of Enzyme Inhibition and Medicinal Chemistry, 2009, 24, 230-233.	5.2	14
83	Antifibrotic activity of triterpenoids from the aerial parts of <i>Euscaphis japonica </i> on hepatic stellate cells. Journal of Enzyme Inhibition and Medicinal Chemistry, 2009, 24, 1276-1279.	5.2	22
84	Inhibition of Double-Stranded RNA-Induced Inducible Nitric Oxide Synthase Expression by Fraxinellone and Sauchinone in Murine Microglia. Biological and Pharmaceutical Bulletin, 2009, 32, 1870-1874.	1.4	21
85	Antifibrotic activity of diterpenes from Biota orientalis leaves on hepatic stellate cells. Archives of Pharmacal Research, 2008, 31, 866-871.	6.3	20
86	The simultaneous determination of coumarins in Angelica gigas root by high performance liquid chromatography–diode array detector coupled with electrospray ionization/mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2008, 46, 258-266.	2.8	105
87	Cognitive-enhancing and antioxidant activities of iridoid glycosides from Scrophularia buergeriana in scopolamine-treated mice. European Journal of Pharmacology, 2008, 588, 78-84.	3.5	126
88	Antiproliferative activity of triterpenoids from Eclipta prostrata on hepatic stellate cells. Phytomedicine, 2008, 15, 775-780.	5.3	46
89	Neuroprotective Limonoids of Root Bark of <i>Dictamnus dasycarpus</i> . Journal of Natural Products, 2008, 71, 208-211.	3.0	75
90	Inhibitory Constituents of Lipopolysaccharide-Induced Nitric Oxide Production in BV2 Microglia isolated from <i>Amomum tsao-ko</i> . Planta Medica, 2008, 74, 867-869.	1.3	39

#	Article	IF	CITATIONS
91	Simultaneous Determination of Alkaloids and Flavonoids in HMC05 Preparation by HPLC-DAD. Journal of Liquid Chromatography and Related Technologies, 2008, 31, 2917-2926.	1.0	4
92	Inhibitory Activity of Phenolic Glycosides from the Fruits of Idesia polycarpa on Lipopolysaccharide-Induced Nitric Oxide Production in BV2 Microglia. Planta Medica, 2007, 73, 167-169.	1.3	17
93	Inhibitory Constituents of Euscaphis japonica on Lipopolysaccharide-Induced Nitric Oxide Production in BV2 Microglia. Planta Medica, 2007, 73, 782-786.	1.3	30
94	HMCO5, herbal extract, inhibits NF-κB expression in lipopolysaccharide treated macrophages and reduces atherosclerotic lesions in cholesterol fed mice. Journal of Ethnopharmacology, 2007, 114, 316-324.	4.1	18
95	Simultaneous determination of four active constituents in the roots of <i>Scrophularia buergeriana </i> by HPLCâ€ÐAD and LCâ€ESIâ€MS. Journal of Separation Science, 2007, 30, 2345-2350.	2.5	25
96	Inhibition of osteoclast differentiation and bone resorption by sauchinone. Biochemical Pharmacology, 2007, 74, 911-923.	4.4	58
97	A new dineolignan from Saururus chinensis root. Fìtoterapìâ, 2006, 77, 487-488.	2.2	11
98	In VitroNeuroprotective Activities of Phenylethanoid Glycosides fromCallicarpa dichotoma. Planta Medica, 2005, 71, 778-780.	1.3	67
99	Four New Neuroprotective Dihydropyranocoumarins fromAngelicagigas. Journal of Natural Products, 2005, 68, 56-59.	3.0	82
100	Idesolide:  A New Spiro Compound fromIdesiapolycarpa. Organic Letters, 2005, 7, 3275-3277.	4.6	35
101	ESP-102, a standardized combined extract of Angelica gigas, Saururus chinensis and Schizandra chinensis, significantly improved scopolamine-induced memory impairment in mice. Life Sciences, 2005, 76, 1691-1705.	4.3	55
102	Aristolactam BII ofSaururus chinensisAttenuates Clutamate-Induced Neurotoxicity in Rat Cortical Cultures Probably by Inhibiting Nitric Oxide Production. Planta Medica, 2004, 70, 391-396.	1.3	36
103	Neuroprotective Lignans from the Bark ofMachilus thunbergii. Planta Medica, 2004, 70, 79-80.	1.3	43
104	Dibenzocyclooctadiene lignans fromSchisandra chinensis protect primary cultures of rat cortical cells from glutamate-induced toxicity. Journal of Neuroscience Research, 2004, 76, 397-405.	2.9	98
105	Iridoids fromScrophularia buergeriana attenuate glutamate-induced neurotoxicity in rat cortical cultures. Journal of Neuroscience Research, 2003, 74, 948-955.	2.9	39
106	Inhibition of lipopolysaccharide-inducible nitric oxide synthase, TNF-α and COX-2 expression by sauchinone effects on I-κ Bα phosphorylation, C/EBP and AP-1 activation. British Journal of Pharmacology, 2003, 139, 11-20.	5.4	245
107	A New Neuroprotective Pinusolide Derivative from the Leaves of Biota orientalis Chemical and Pharmaceutical Bulletin, 2002, 50, 834-836.	1.3	34
108	Four New Neuroprotective Iridoid Glycosides from Scrophularia buergeriana Roots. Journal of Natural Products, 2002, 65, 1696-1699.	3.0	69

#	Article	IF	CITATIONS
109	Flavonoids of Inula britannica protect cultured cortical cells from necrotic cell death induced by glutamate. Free Radical Biology and Medicine, 2002, 32, 596-604.	2.9	80
110	E-p -Methoxycinnamic acid protects cultured neuronal cells against neurotoxicity induced by glutamate. British Journal of Pharmacology, 2002, 135, 1281-1291.	5.4	46
111	Coumarins Isolated fromAngelicagigasInhibit Acetylcholinesterase:Â Structureâ^'Activity Relationships. Journal of Natural Products, 2001, 64, 683-685.	3.0	204
112	New Tetrahydrofuran-Type Sesquilignans of Saururus chinensis Root Chemical and Pharmaceutical Bulletin, 2001, 49, 1192-1194.	1.3	48
113	Sauchinone, a Lignan from Saururus chinensis, Attenuates CCl4-Induced Toxicity in Primary Cultures of Rat Hepatocytes Biological and Pharmaceutical Bulletin, 2000, 23, 666-668.	1.4	46
114	Hepatoprotective Diastereomeric Lignans fromSaururus chinensisHerbs. Journal of Natural Products, 2000, 63, 1019-1021.	3.0	89
115	Hepatoprotective activity of scopoletin, a constituent ofSolanum lyratum. Archives of Pharmacal Research, 1998, 21, 718-722.	6.3	65
116	Hepatoprotective flavonol glycosides ofSaururus chinensis herbs. , 1997, 11, 500-503.		25

Hepatoprotective flavonol glycosides of Saururus chinensis herbs. , 1997, 11, 500-503. 116

8