

# Hiroshi Sakagami

## List of Publications by Year in descending order

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482  
papers

14,697  
citations

44069

48  
h-index

27406

106  
g-index

493  
all docs

493  
docs citations

493  
times ranked

22578  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
2	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. <i>Autophagy</i> , 2008, 4, 151-175.	9.1	2,064
3	Production of bioactive triterpenes by <i>Eriobotrya japonica</i> calli. <i>Phytochemistry</i> , 2002, 59, 315-323.	2.9	265
4	Antioxidant and prooxidant action of eugenol-related compounds and their cytotoxicity. <i>Toxicology</i> , 2002, 177, 39-54.	4.2	230
5	3,5-Dibenzoyl-1,4-dihydropyridines: Synthesis and MDR Reversal in Tumor Cells. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 1051-1055.	3.0	179
6	Inhibition of herpes simplex virus infection by tannins and related compounds. <i>Antiviral Research</i> , 1989, 11, 285-297.	4.1	168
7	Cytotoxic Flavonoids with Isoprenoid Groups from <i>Morus mongolica</i> 1. <i>Journal of Natural Products</i> , 2001, 64, 181-188.	3.0	160
8	Inhibition of human immunodeficiency viral replication by tannins and related compounds. <i>Antiviral Research</i> , 1992, 18, 91-103.	4.1	155
9	ACE2: The key Molecule for Understanding the Pathophysiology of Severe and Critical Conditions of COVID-19: Demon or Angel?. <i>Viruses</i> , 2020, 12, 491.	3.3	136
10	Polyphenols from <i>Eriobotrya japonica</i> and Their Cytotoxicity against Human Oral Tumor Cell Lines.. <i>Chemical and Pharmaceutical Bulletin</i> , 2000, 48, 687-693.	1.3	124
11	Mechanical, antibacterial and bond strength properties of nano-titanium-enriched glass ionomer cement. <i>Journal of Applied Oral Science</i> , 2015, 23, 321-328.	1.8	116
12	Synthesis and bioactivity studies on new 4-(3-(4-Substitutedphenyl)-3a,4-dihydro-3 <i>H</i> -indeno[1,2- <i>c</i> ]pyrazol-2-yl) benzenesulfonamides. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1619-1624.	5.2	113
13	Preliminary evaluation of antinephritis and radical scavenging activities of glabridin from <i>Glycyrrhiza glabra</i> . <i>FÄ-toterapÄ-Äç</i> , 2003, 74, 624-629.	2.2	111
14	The ERK-1/2 Signaling Pathway Is Involved in the Stimulation of Branching Morphogenesis of Fetal Mouse Submandibular Glands by EGF. <i>Developmental Biology</i> , 2000, 220, 183-196.	2.0	109
15	Synthesis and bioactivities of pyrazoline benzenesulfonamides as carbonic anhydrase and acetylcholinesterase inhibitors with low cytotoxicity. <i>Bioorganic Chemistry</i> , 2019, 84, 511-517.	4.1	108
16	Cytotoxic activity of hydrolyzable tannins against human oral tumor cell lines â€” A possible mechanism. <i>Phytomedicine</i> , 2000, 7, 39-47.	5.3	106
17	Antitumor Potential and Possible Targets of Phenothiazine-Related Compounds. <i>Current Drug Targets</i> , 2000, 1, 237-246.	2.1	106
18	Cancer prevention and therapy with kiwifruit in Chinese folklore medicine: a study of kiwifruit extracts. <i>Journal of Ethnopharmacology</i> , 2002, 81, 357-364.	4.1	101

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19	New anticancer drug candidates sulfonamides as selective hCA IX or hCA XII inhibitors. <i>Bioorganic Chemistry</i> , 2018, 77, 411-419.	4.1	99
20	Antinephritis and radical scavenging activity of prenylflavonoids. <i>FĀ-toterapĀ-Āċ</i> , 2003, 74, 720-724.	2.2	95
21	Radical scavenging activity and cytotoxicity of ferulic acid. <i>Anticancer Research</i> , 2002, 22, 2711-7.	1.1	95
22	New Diarylheptanoids and Diarylheptanoid Glucosides from the Rhizomes of <i>Tacca chantrieri</i> and Their Cytotoxic Activity. <i>Journal of Natural Products</i> , 2002, 65, 283-289.	3.0	92
23	Cytotoxic 3,5-bis(benzylidene)piperidin-4-ones and N-acyl analogs displaying selective toxicity for malignant cells. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 1-7.	5.5	89
24	Biological activity of persimmon ( <i>Diospyros kaki</i> ) peel extracts. <i>Phytotherapy Research</i> , 2003, 17, 495-500.	5.8	87
25	Distribution of ligninĀ-carbohydrate complex in plant kingdom and its functionality as alternative medicine. , 2010, 128, 91-105.		85
26	Tumor-specificity and apoptosis-inducing activity of stilbenes and flavonoids. <i>Anticancer Research</i> , 2005, 25, 2055-63.	1.1	84
27	Cytotoxic Potential of Phenothiazines. <i>Current Drug Targets</i> , 2006, 7, 1055-1066.	2.1	82
28	Cytotoxicity and apoptosis induction by butylated hydroxyanisole (BHA) and butylated hydroxytoluene (BHT). <i>Anticancer Research</i> , 2003, 23, 4693-701.	1.1	81
29	Non-targeted metabolite profiling in activated macrophage secretion. <i>Metabolomics</i> , 2012, 8, 624-633.	3.0	80
30	Cycloartane Glycosides from the Rhizomes of <i>Cimicifuga racemosa</i> and Their Cytotoxic Activities.. <i>Chemical and Pharmaceutical Bulletin</i> , 2002, 50, 121-125.	1.3	74
31	Anti-HIV (human immunodeficiency virus) activity of sulfated paramylon. <i>Antiviral Research</i> , 1993, 21, 1-14.	4.1	71
32	Antiviral and Antitumor Activity of Licorice Root Extracts. <i>In Vivo</i> , 2016, 30, 777-786.	1.3	70
33	Bufadienolide and Spirostanol Glycosides from the Rhizomes of <i>Helleborus orientalis</i> . <i>Journal of Natural Products</i> , 2003, 66, 236-241.	3.0	69
34	Triterpene glycosides from the roots of <i>Sanguisorba officinalis</i> . <i>Phytochemistry</i> , 2001, 57, 773-779.	2.9	68
35	Modification of Human Immunodeficiency Viral Replication by Pine Cone Extracts. <i>AIDS Research and Human Retroviruses</i> , 1990, 6, 205-217.	1.1	61
36	Benzophenones and Xanthenes with Isoprenoid Groups from <i>Cudrania cochinchinensis</i> . <i>Journal of Natural Products</i> , 2001, 64, 65-70.	3.0	61

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37	Molecular requirements of lignin-carbohydrate complexes for expression of unique biological activities. <i>Phytochemistry</i> , 2005, 66, 2108-2120.	2.9	61
38	Biological activity of barbados cherry (acerola fruits, fruit of <i>Malpighia emarginata</i> DC) extracts and fractions. <i>Phytotherapy Research</i> , 2004, 18, 212-223.	5.8	58
39	Alteration of metabolomic profiles by titanium dioxide nanoparticles in human gingivitis model. <i>Biomaterials</i> , 2015, 57, 33-40.	11.4	58
40	New azafluorenones with cytotoxic and carbonic anhydrase inhibitory properties: 2-Aryl-4-(4-hydroxyphenyl)-5H-indeno[1,2-b]pyridin-5-ones. <i>Bioorganic Chemistry</i> , 2018, 81, 433-439.	4.1	58
41	Production of hydrogen peroxide and methionine sulfoxide by epigallocatechin gallate and antioxidants. <i>Anticancer Research</i> , 2001, 21, 2633-41.	1.1	57
42	Hypoxia and Reoxygenation Augment Bone Resorbing Factor Production From Human Periodontal Ligament Cells. <i>Journal of Periodontology</i> , 2007, 78, 1803-1809.	3.4	54
43	Cytotoxicity and apoptosis-inducing activity of bisphenol A and hydroquinone in HL-60 cells. <i>Anticancer Research</i> , 2005, 25, 2241-7.	1.1	54
44	Design, synthesis and antiproliferative activity of some 3-benzylidene-2,3-dihydro-1-benzopyran-4-ones which display selective toxicity for malignant cells. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 839-845.	5.5	53
45	Synthesis and biological evaluation of some new mono Mannich bases with piperazines as possible anticancer agents and carbonic anhydrase inhibitors. <i>Bioorganic Chemistry</i> , 2019, 90, 103095.	4.1	53
46	Synthesis, cytotoxicity and carbonic anhydrase inhibitory activities of new pyrazolines. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 20-24.	5.2	52
47	Steroidal Glycosides from the Leaves of <i>Cestrum nocturnum</i> . <i>Journal of Natural Products</i> , 2002, 65, 1863-1868.	3.0	51
48	Synthesis and bioactivities of halogen bearing phenolic chalcones and their corresponding bis Mannich bases. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 125-131.	5.2	51
49	Flavonol Glycosides and Steroidal Saponins from the Leaves of <i>Cestrum nocturnum</i> and Their Cytotoxicity. <i>Journal of Natural Products</i> , 2001, 64, 17-22.	3.0	49
50	The cytotoxic properties and preferential toxicity to tumour cells displayed by some 2,4-bis(benzylidene)-8-methyl-8-azabicyclo[3.2.1] octan-3-ones and 3,5-bis(benzylidene)-1-methyl-4-piperidones. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 54-62.	5.5	48
51	Cytotoxic activity of deferiprone, maltol and related hydroxyketones against human tumor cell lines. <i>Anticancer Research</i> , 2004, 24, 755-62.	1.1	46
52	Inhibition of influenza virus infection by pine cone antitumor substances. <i>Antiviral Research</i> , 1990, 13, 11-21.	4.1	45
53	Synthesis of mono Mannich bases of 2-(4-hydroxybenzylidene)-2,3-dihydroinden-1-one and evaluation of their cytotoxicities. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 818-823.	5.2	45
54	New phenolic Mannich bases with piperazines and their bioactivities. <i>Bioorganic Chemistry</i> , 2019, 90, 103057.	4.1	45

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55	Microwave-assisted synthesis and bioevaluation of new sulfonamides. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 369-374.	5.2	44
56	Lignified Materials as Medicinal Resources. V. Anti-HIV(Human Immunodeficiency Virus) Activity of Some Synthetic Lignins.. <i>Chemical and Pharmaceutical Bulletin</i> , 1992, 40, 2102-2105.	1.3	43
57	Triterpene Glycosides from the Whole Plant of <i>Anemone hupehensis</i> var. <i>japonica</i> and Their Cytotoxic Activity. <i>Chemical and Pharmaceutical Bulletin</i> , 2009, 57, 1425-1430.	1.3	43
58	Platelet-derived growth factor exerts disparate effects on odontoblast differentiation depending on the dimers in rat dental pulp cells. <i>Cell and Tissue Research</i> , 2004, 315, 375-384.	2.9	42
59	Coumarin derivatives with tumor-specific cytotoxicity and multidrug resistance reversal activity. <i>In Vivo</i> , 2005, 19, 705-11.	1.3	41
60	Induction of cytotoxicity and apoptosis and inhibition of cyclooxygenase-2 gene expression by eugenol-related compounds. <i>Anticancer Research</i> , 2005, 25, 3263-9.	1.1	41
61	Steroidal Glycosides from the Bulbs of <i>Ornithogalum thyrsoides</i> . <i>Journal of Natural Products</i> , 2004, 67, 1690-1696.	3.0	40
62	Plasma pteridine concentrations in patients with chronic renal failure. <i>Nephrology Dialysis Transplantation</i> , 2002, 17, 1032-1036.	0.7	38
63	Carbonic anhydrase inhibition and cytotoxicity studies of Mannich base derivatives of thymol. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1375-1380.	5.2	38
64	Designing, synthesis and bioactivities of 4-[3-(4-hydroxyphenyl)-5-aryl-4,5-dihydro-pyrazol-1-yl]benzenesulfonamides. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 169-175.	5.2	38
65	Induction of apoptosis by beta-diketones in human tumor cells. <i>Anticancer Research</i> , 2004, 24, 711-7.	1.1	38
66	Antimicrobial activity of trifluoromethyl ketones and their synergism with promethazine. <i>International Journal of Antimicrobial Agents</i> , 2001, 18, 161-165.	2.5	37
67	3,5-Bis(benzylidene)-1-[4-2-(morpholin-4-yl)ethoxyphenylcarbonyl]-4-piperidone hydrochloride: A lead tumor-specific cytotoxin which induces apoptosis and autophagy. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 912-917.	2.2	37
68	Age-related decline in histone H1 fraction in human diploid fibroblast cultures. <i>Experimental Cell Research</i> , 1980, 126, 289-298.	2.6	36
69	Hydrolyzable Tannins of Tamaricaceous Plants. III. Hellinoyl- and Macrocyclic-Type Ellagitannins from <i>Tamarix nilotica</i> . <i>Journal of Natural Products</i> , 2010, 73, 870-879.	3.0	36
70	Three new flavonoids, proanthocyanidin, and accompanying phenolic constituents from <i>Feijoa sellowiana</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2018, 82, 31-41.	1.3	36
71	3-Arylidene-1-(4-nitrophenylmethylene)-3,4-dihydro-1H-naphthalen-2-ones and related compounds displaying selective toxicity and reversal of multidrug resistance in neoplastic cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 1633-1636.	2.2	35
72	Induction of Apoptosis in Human Oral Keratinocyte by Doxorubicin. <i>Anticancer Research</i> , 2017, 37, 1023-1030.	1.1	35

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73	Synthesis, biological evaluation and in silico modelling studies of 1,3,5-trisubstituted pyrazoles carrying benzenesulfonamide as potential anticancer agents and selective cancer-associated hCA IX isoenzyme inhibitors. <i>Bioorganic Chemistry</i> , 2019, 92, 103222.	4.1	34
74	Tumor-specific cytotoxicity of 3,5-dibenzoyl-1,4-dihydropyridines. <i>Anticancer Research</i> , 2005, 25, 2033-8.	1.1	34
75	Tumor-specific cytotoxicity and apoptosis-inducing activity of berberines. <i>Anticancer Research</i> , 2005, 25, 4053-9.	1.1	34
76	Chemical Constituents of the Bulbs of <i>Habranthus brachyandrus</i> and Their Cytotoxic Activities. <i>Chemical and Pharmaceutical Bulletin</i> , 2009, 57, 1153-1157.	1.3	33
77	Biological Activities and Possible Dental Application of Three Major Groups of Polyphenols. <i>Journal of Pharmacological Sciences</i> , 2014, 126, 92-106.	2.5	33
78	Effects of 3-styrylchromones on metabolic profiles and cell death in oral squamous cell carcinoma cells. <i>Toxicology Reports</i> , 2015, 2, 1281-1290.	3.3	33
79	1-(3-Aminomethyl-4-hydroxyphenyl)-3-pyridinyl-2-propen-1-ones: A novel group of tumour-selective cytotoxins. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013, 28, 974-980.	5.2	31
80	Induction of apoptosis by morphine in human tumor cell lines in vitro. <i>Anticancer Research</i> , 2007, 27, 857-64.	1.1	31
81	Possible involvement of lignin structure in anti-influenza virus activity. <i>Antiviral Research</i> , 1991, 15, 41-49.	4.1	30
82	Steroidal Glycosides from the Bulbs of <i>Camassia leichtlinii</i> and Their Cytotoxic Activities.. <i>Chemical and Pharmaceutical Bulletin</i> , 2001, 49, 726-731.	1.3	30
83	Comprehensive study on potent and selective carbonic anhydrase inhibitors: Synthesis, bioactivities and molecular modelling studies of 4-(3-(2-arylidenehydrazine-1-carbonyl)-5-(thiophen-2-yl)-1H-pyrazole-1-yl) benzenesulfonamides. <i>European Journal of Medicinal Chemistry</i> , 2021, 217, 113351.	5.5	30
84	Purinergic Receptors are Involved in Tooth-Pulp Evoked Nocifensive Behavior and Brainstem Neuronal Activity. <i>Molecular Pain</i> , 2010, 6, 1744-8069-6-59.	2.1	29
85	The requirement for and mobilization of calcium during induction by sodium ascorbate and by hydrogen peroxide of cell death. <i>Life Sciences</i> , 1996, 58, 1131-1138.	4.3	28
86	±-Trifluoromethylated acyloins induce apoptosis in human oral tumor cell lines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999, 9, 3113-3118.	2.2	28
87	Biological activity of 3-formylchromones and related compounds. <i>In Vivo</i> , 2007, 21, 829-34.	1.3	28
88	Selective antibacterial and apoptosis-modulating activities of mastic. <i>In Vivo</i> , 2009, 23, 215-23.	1.3	28
89	Serum Calcium-decreasing Factor, Caldecrin, Inhibits Osteoclast Differentiation by Suppression of NFATc1 Activity. <i>Journal of Biological Chemistry</i> , 2010, 285, 25448-25457.	3.4	27
90	3-(3,4,5-Trimethoxyphenyl)-1-oxo-2-propene: A novel pharmacophore displaying potent multidrug resistance reversal and selective cytotoxicity. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 3373-3380.	3.0	26

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91	Structure-activity relationships of alpha, beta-unsaturated ketones as assessed by their cytotoxicity against oral tumor cells. <i>Anticancer Research</i> , 2004, 24, 737-42.	1.1	26
92	Cell death induced by nutritional starvation in mouse macrophage-like RAW264.7 cells. <i>Anticancer Research</i> , 2009, 29, 343-7.	1.1	26
93	2-(3-Aryl-2-propenyl)-3-methylquinoxaline-1,4-dioxides: A novel cluster of tumor-specific cytotoxins which reverse multidrug resistance. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 3909-3915.	3.0	25
94	Decrease of transferrin receptor during mouse myeloid leukemia (M1) cell differentiation. <i>Biochemical and Biophysical Research Communications</i> , 1982, 107, 1419-1424.	2.1	24
95	Effect of an Iron-Chelator on Ascorbate-Induced Cytotoxicity. <i>Free Radical Biology and Medicine</i> , 1997, 23, 260-270.	2.9	24
96	Synthesis and biological activity of N-acylphenothiazines. <i>International Journal of Antimicrobial Agents</i> , 2000, 14, 203-207.	2.5	24
97	Biological activity of kiwifruit peel extracts. <i>Phytotherapy Research</i> , 2001, 15, 337-343.	5.8	24
98	Bulbinelonesides A-E, Phenylanthraquinone Glycosides from the Roots of <i>Bulbinella floribunda</i> . <i>Journal of Natural Products</i> , 2003, 66, 894-897.	3.0	24
99	Dimeric 3,5-bis(benzylidene)-4-piperidones: A novel cluster of tumour-selective cytotoxins possessing multidrug-resistant properties. <i>European Journal of Medicinal Chemistry</i> , 2012, 51, 193-199.	5.5	24
100	Synthesis and biological evaluation of 1,5-bis(4-hydroxy-3-methoxyphenyl)penta-1,4-dien-3-one and its aminomethyl derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2015, 30, 383-388.	5.2	24
101	Structure-cytotoxic activity relationships of simple hydroxylated coumarins. <i>Anticancer Research</i> , 2003, 23, 3243-6.	1.1	24
102	Cytotoxic activity of azulenes against human oral tumor cell lines. <i>Anticancer Research</i> , 2003, 23, 4747-55.	1.1	24
103	Tumor-specificity and type of cell death induced by trihaloacetylazulenes in human tumor cell lines. <i>Anticancer Research</i> , 2007, 27, 133-43.	1.1	24
104	Lignified materials as a potential medicinal resource. IV. Dehydrogenation polymers of some phenylpropenoids and their capacity to stimulate polymorphonuclear cell iodination. <i>Chemical and Pharmaceutical Bulletin</i> , 1991, 39, 950-955.	1.3	23
105	Lucilianosides A and B, two novel tetranor-lanostane hexaglycosides from the bulbs of <i>Chionodoxa luciliae</i> . <i>Tetrahedron</i> , 2002, 58, 6735-6740.	1.9	23
106	Novel Polyoxygenated Spirostanol Glycosides from the Rhizomes of <i>Helleborus orientalis</i> . <i>Helvetica Chimica Acta</i> , 2003, 86, 398-407.	1.6	23
107	A New Method for Testing Filtration Efficiency of Mask Materials Under Sneeze-like Pressure. <i>In Vivo</i> , 2020, 34, 1637-1644.	1.3	23
108	Anti-influenza virus activity of synthetically polymerized phenylpropenoids. <i>Biochemical and Biophysical Research Communications</i> , 1990, 172, 1267-1272.	2.1	22

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109	Effect of glutathione-modulating compounds on hydrogen-peroxide-induced cytotoxicity in human glioblastoma and glioma cell lines. <i>Journal of Cancer Research and Clinical Oncology</i> , 1997, 123, 619-622.	2.5	22
110	Hydrolyzable Tannins of Tamaricaceous Plants. V. Structures of Monomeric and Trimeric Tannins and Cytotoxicity of Macrocyclic-Type Tannins Isolated from <i>Tamarix nilotica</i> . <i>Journal of Natural Products</i> , 2013, 76, 947-956.	3.0	22
111	Rhinacanthin C Inhibits Osteoclast Differentiation and Bone Resorption: Roles of TRAF6/TAK1/MAPKs/NF- $\kappa$ B/NFATc1 Signaling. <i>PLoS ONE</i> , 2015, 10, e0130174.	2.5	22
112	Synthesis of some acrylophenones with <i>N</i> -methylpiperazine and evaluation of their cytotoxicities. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 147-151.	5.2	22
113	Re-evaluation of anti-inflammatory potential of eugenol in IL-1 $\beta$ -stimulated gingival fibroblast and pulp cells. <i>In Vivo</i> , 2013, 27, 269-73.	1.3	22
114	Failure of Vitamin E to Extend the Life Span of a Human Diploid Cell Line in Culture. <i>Cell Structure and Function</i> , 1977, 2, 219-227.	1.1	21
115	Stimulation of human monocyte and polymorphonuclear cell iodination and interleukin-1 production by epigallocatechin gallate. <i>Journal of Leukocyte Biology</i> , 1992, 51, 478-483.	3.3	21
116	3,5-Bis(benzylidene)-1-[3-(2-hydroxyethylthio)propanoyl]piperidin-4-ones: A Novel Cluster of Potent Tumor-Selective Cytotoxins. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 3445-3449.	6.4	21
117	Serum Calcium-decreasing Factor, Caldecrin, Inhibits Receptor Activator of NF- $\kappa$ B Ligand (RANKL)-mediated Ca <sup>2+</sup> Signaling and Actin Ring Formation in Mature Osteoclasts via Suppression of Src Signaling Pathway. <i>Journal of Biological Chemistry</i> , 2012, 287, 17963-17974.	3.4	21
118	Hormetic and anti-radiation effects of tropolone-related compounds. <i>In Vivo</i> , 2010, 24, 843-51.	1.3	21
119	Cytotoxicity and type of cell death induced by local anesthetics in human oral normal and tumor cells. <i>Anticancer Research</i> , 2012, 32, 2925-33.	1.1	21
120	Four New Steroidal Saponins from the Rhizomes of <i>Helleborus orientalis</i> . <i>Heterocycles</i> , 2005, 65, 775.	0.7	20
121	Synthesis and structure elucidation of 1-(2,5/3,5-difluorophenyl)-3-(2,3/2,4/2,5/3,4-dimethoxyphenyl)-2-propen-1-ones as anticancer agents. <i>Medicinal Chemistry Research</i> , 2017, 26, 2015-2023.	2.4	20
122	Ellagitannins of <i>Davidia involucreata</i> . I. Structure of Davicratonic Acid A and Effects of <i>Davidia</i> Tannins on Drug-Resistant Bacteria and Human Oral Squamous Cell Carcinomas. <i>Molecules</i> , 2017, 22, 470.	3.8	20
123	Re-evaluation of cytotoxicity and iron chelation activity of three beta-diketones by semiempirical molecular orbital method. <i>In Vivo</i> , 2005, 19, 119-23.	1.3	20
124	Induction of tumor-specific cytotoxicity and apoptosis by doxorubicin. <i>Anticancer Research</i> , 2005, 25, 887-93.	1.1	20
125	Type of cell death induced by seven metals in cultured mouse osteoblastic cells. <i>In Vivo</i> , 2010, 24, 507-12.	1.3	20
126	Type of cell death induced by various metal cations in cultured human gingival fibroblasts. <i>In Vivo</i> , 2010, 24, 513-7.	1.3	20



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127	Effects of TiO <sub>2</sub> nano glass ionomer cements against normal and cancer oral cells. <i>In Vivo</i> , 2014, 28, 895-907.	1.3	20
128	Synthesis, cytotoxicities, and carbonic anhydrase inhibition potential of 6-(3-aryl-2-propenoyl)-2(3H)-benzoxazolones. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019, 34, 1722-1729.	5.2	19
129	<i>In Vitro</i> Assessment of Antitumor Potential and Combination Effect of Classical and Molecular-targeted Anticancer Drugs. <i>Anticancer Research</i> , 2019, 39, 6673-6684.	1.1	19
130	Recent Progress of Basic Studies of Natural Products and Their Dental Application. <i>Medicines (Basel)</i> , 2019, 14, 19.	1.4	19
131	Cytotoxic Components Against Human Oral Squamous Cell Carcinoma Isolated from <i>Andrographis paniculata</i> . <i>Anticancer Research</i> , 2016, 36, 5931-5936.	1.1	19
132	Radical modulation activity of lignins from a mangrove plant, <i>Ceriops decandra</i> (Griff.) Ding Hou. <i>In Vivo</i> , 1998, 12, 327-32.	1.3	19
133	Inhibition of NO production by activated macrophages by phenolcarboxylic acid monomers and polymers with radical scavenging activity. <i>Anticancer Research</i> , 2003, 23, 1317-23.	1.1	19
134	Quantitative structure-cytotoxicity relationship analysis of coumarin and its derivatives by semiempirical molecular orbital method. <i>Anticancer Research</i> , 2006, 26, 2883-6.	1.1	19
135	Induction of non-apoptotic cell death by morphinone in human promyelocytic leukemia HL-60 cells. <i>Anticancer Research</i> , 2006, 26, 3343-8.	1.1	19
136	A clinical pilot study of lignin-ascorbic acid combination treatment of herpes simplex virus. <i>In Vivo</i> , 2009, 23, 1011-6.	1.3	19
137	Evaluation of cytotoxicity and tumor-specificity of licorice flavonoids based on chemical structure. <i>Anticancer Research</i> , 2013, 33, 3061-8.	1.1	19
138	Interaction between sodium ascorbate and dopamine. <i>Free Radical Biology and Medicine</i> , 1998, 25, 1013-1020.	2.9	18
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