

Yoongho Lim

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

189 papers	3,199 citations	33 h-index	45 g-index
199 ext. papers	3,641 ext. citations	3.7 avg, IF	5.01 L-index

#	Paper	IF	Citations
189	The antipsychotic agent chlorpromazine induces autophagic cell death by inhibiting the Akt/mTOR pathway in human U-87MG glioma cells. <i>Carcinogenesis</i> , 2013 , 34, 2080-9	4.6	96
188	p21 Waf1/Cip1 expression by curcumin in U-87MG human glioma cells: role of early growth response-1 expression. <i>Cancer Research</i> , 2008 , 68, 1369-77	10.1	93
187	Flavonoid 3SO-methyltransferase from rice: cDNA cloning, characterization and functional expression. <i>Phytochemistry</i> , 2006 , 67, 387-94	4	81
186	Deoxypodophyllotoxin induces G2/M cell cycle arrest and apoptosis in HeLa cells. <i>Cancer Letters</i> , 2010 , 287, 231-9	9.9	76
185	Transcription factor Egr-1 is essential for maximal matrix metalloproteinase-9 transcription by tumor necrosis factor alpha. <i>Molecular Cancer Research</i> , 2010 , 8, 507-19	6.6	73
184	The tricyclic antidepressant imipramine induces autophagic cell death in U-87MG glioma cells. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 413, 311-7	3.4	71
183	Complete assignments of NMR data of 13 hydroxymethoxyflavones. <i>Magnetic Resonance in Chemistry</i> , 2007 , 45, 1072-5	2.1	71
182	¹ H and ¹³ C-NMR data of hydroxyflavone derivatives. <i>Magnetic Resonance in Chemistry</i> , 2007 , 45, 674-9	2.1	60
181	Regiospecific methylation of naringenin to ponciretin by soybean O-methyltransferase expressed in Escherichia coli. <i>Journal of Biotechnology</i> , 2005 , 119, 155-62	3.7	60
180	TNF α -exposed bone marrow-derived mesenchymal stem cells promote locomotion of MDA-MB-231 breast cancer cells through transcriptional activation of CXCR3 ligand chemokines. <i>Journal of Biological Chemistry</i> , 2010 , 285, 30731-40	5.4	59
179	Design, synthesis and inhibitory activities of naringenin derivatives on human colon cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 232-8	2.9	49
178	Regiospecific flavonoid 7-O-methylation with Streptomyces avermitilis O-methyltransferase expressed in Escherichia coli. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 823-8	5.7	49
177	Effect of saikosaponin-A, a triterpenoid glycoside, isolated from Bupleurum falcatum on experimental allergic asthma. <i>Phytotherapy Research</i> , 2002 , 16, 359-63	6.7	48
176	Synthesis and biological evaluation of phenyl-1H-1,2,3-triazole derivatives as anti-inflammatory agents. <i>Bioorganic Chemistry</i> , 2015 , 59, 1-11	5.1	46
175	Antitumor activity of deoxypodophyllotoxin isolated from Anthriscus sylvestris: Induction of G2/M cell cycle arrest and caspase-dependent apoptosis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 4367-71	2.9	46
174	Targeting cancer cells via the reactive oxygen species-mediated unfolded protein response with a novel synthetic polyphenol conjugate. <i>Clinical Cancer Research</i> , 2014 , 20, 4302-13	12.9	45
173	Benzochalcones bearing pyrazoline moieties show anti-colorectal cancer activities and selective inhibitory effects on aurora kinases. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 7018-24	3.4	45

172	Characterization of flavonoid 7-O-glucosyltransferase from <i>Arabidopsis thaliana</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2006 , 70, 1471-7	2.1	44
171	Effect of dietary restriction on age-related increase of liver susceptibility to peroxidation in rats. <i>Lipids</i> , 2001 , 36, 589-93	1.6	44
170	Polyphenols bearing cinnamaldehyde scaffold showing cell growth inhibitory effects on the cisplatin-resistant A2780/Cis ovarian cancer cells. <i>Bioorganic and Medicinal Chemistry</i> , 2014 , 22, 1809-20	3.4	43
169	2SHydroxyflavanone induces apoptosis through Egr-1 involving expression of Bax, p21, and NAG-1 in colon cancer cells. <i>Molecular Nutrition and Food Research</i> , 2012 , 56, 761-74	5.9	43
168	Cation dependent O-methyltransferases from rice. <i>Planta</i> , 2008 , 227, 641-7	4.7	42
167	Structure determination of a sildenafil analogue contained in commercial herb drinks. <i>Magnetic Resonance in Chemistry</i> , 2004 , 42, 1060-2	2.1	42
166	Relationship between the structures of flavonoids and their NF- κ B-dependent transcriptional activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 6036-41	2.9	41
165	Synthesis and complete assignment of NMR data of 20 chalcones. <i>Magnetic Resonance in Chemistry</i> , 2011 , 49, 41-5	2.1	40
164	Chlorpromazine activates p21Waf1/Cip1 gene transcription via early growth response-1 (Egr-1) in C6 glioma cells. <i>Experimental and Molecular Medicine</i> , 2010 , 42, 395-405	12.8	40
163	Four glucosyltransferases from rice: cDNA cloning, expression, and characterization. <i>Journal of Plant Physiology</i> , 2008 , 165, 435-44	3.6	39
162	Plant Flavonoid O-Methyltransferases: Substrate Specificity and Application 2010 , 53, 321-329		38
161	Chromenylchalcones showing cytotoxicity on human colon cancer cell lines and in silico docking with aurora kinases. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 4250-8	3.4	36
160	A synthetic chalcone, 2SHydroxy-2,3,5Strimethoxychalcone triggers unfolded protein response-mediated apoptosis in breast cancer cells. <i>Cancer Letters</i> , 2016 , 372, 1-9	9.9	35
159	Novel antimitotic activity of 2-hydroxy-4-methoxy-2S3Sbenzochalcone (HymnPro) through the inhibition of tubulin polymerization. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 12588-97	5.7	35
158	Molecular cloning, expression and characterization of a glycosyltransferase from rice. <i>Plant Cell Reports</i> , 2006 , 25, 741-6	5.1	35
157	Relationships between structures of hydroxyflavones and their antioxidative effects. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 5510-3	2.9	34
156	5-Methoxyflavanone induces cell cycle arrest at the G2/M phase, apoptosis and autophagy in HCT116 human colon cancer cells. <i>Toxicology and Applied Pharmacology</i> , 2011 , 254, 288-98	4.6	31
155	Toluene-p-sulfonyl-mediated radical cyclization of bis(allenes) utilizing p-TsBr and p-TsSePh. <i>Chemical Communications</i> , 2001 , 1306-1307	5.8	30

154	The ETS family transcription factor ELK-1 regulates induction of the cell cycle-regulatory gene p21(Waf1/Cip1) and the BAX gene in sodium arsenite-exposed human keratinocyte HaCaT cells. <i>Journal of Biological Chemistry</i> , 2011 , 286, 26860-72	5.4	29
153	TMF and glycerin act synergistically on keratinocytes and fibroblasts to promote wound healing and anti-scarring activity. <i>Experimental and Molecular Medicine</i> , 2017 , 49, e302	12.8	27
152	The UPR inducer DPP23 inhibits the metastatic potential of MDA-MB-231 human breast cancer cells by targeting the Akt-IKK-NF- κ B-MMP-9 axis. <i>Scientific Reports</i> , 2016 , 6, 34134	4.9	26
151	Isoflavones inhibit the clonogenicity of human colon cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 2664-9	2.9	26
150	Antiallergic activity of a disaccharide isolated from <i>Sanguisorba officinalis</i> . <i>Phytotherapy Research</i> , 2004 , 18, 658-62	6.7	26
149	A new synthetic 2-Hydroxy-2,4,6-trimethoxy-5-Snaphthochalcone induces G2/M cell cycle arrest and apoptosis by disrupting the microtubular network of human colon cancer cells. <i>Cancer Letters</i> , 2014 , 354, 348-54	9.9	25
148	^1H and ^{13}C NMR spectral assignments of 2-Hydroxychalcones. <i>Magnetic Resonance in Chemistry</i> , 2013 , 51, 364-70	2.1	25
147	Synthesis of methoxybenzoflavones and assignments of their NMR data. <i>Magnetic Resonance in Chemistry</i> , 2012 , 50, 62-7	2.1	25
146	A compound isolated from <i>Schisandra chinensis</i> induces apoptosis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 6054-7	2.9	25
145	Flavanones inhibit the clonogenicity of HCT116 colorectal cancer cells. <i>International Journal of Molecular Medicine</i> , 2012 , 29, 403-8	4.4	23
144	Anticancer and structure-activity relationship evaluation of 3-(naphthalen-2-yl)-N,5-diphenyl-pyrazoline-1-carbothioamide analogs of chalcone. <i>Bioorganic Chemistry</i> , 2016 , 68, 166-76	5.1	23
143	Egr-1 is necessary for fibroblast growth factor-2-induced transcriptional activation of the glial cell line-derived neurotrophic factor in murine astrocytes. <i>Journal of Biological Chemistry</i> , 2009 , 284, 30583-93	5.4	22
142	Identification of syn- and anti-anethole-2,3-epoxides in the metabolism of trans-anethole by the newly isolated bacterium <i>Pseudomonas putida</i> JYR-1. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 5954-8	5.7	22
141	The three-dimensional structure of <i>Arabidopsis thaliana</i> O-methyltransferase predicted by homology-based modelling. <i>Journal of Molecular Graphics and Modelling</i> , 2004 , 23, 77-87	2.8	22
140	Bacterial synthesis of a flavonoid deoxyaminosugar conjugate in <i>Escherichia coli</i> expressing a glycosyltransferase of <i>Arabidopsis thaliana</i> . <i>ChemBioChem</i> , 2010 , 11, 2389-92	3.8	21
139	Structural and functional insights into O-methyltransferase from <i>Bacillus cereus</i> . <i>Journal of Molecular Biology</i> , 2008 , 382, 987-97	6.5	21
138	Inhibition of cell-cycle progression in HeLa cells by HY52, a novel cyclin-dependent kinase inhibitor isolated from <i>Bauhinia forficata</i> . <i>Cancer Letters</i> , 2006 , 233, 89-97	9.9	21
137	Transcriptional regulation of the growth-regulated oncogene <i>c-myc</i> by early growth response protein-1 in response to tumor necrosis factor α stimulation. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2013 , 1829, 1066-74	6	20

136	Chromenylchalcones with inhibitory effects on monoamine oxidase B. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 7890-7	3.4	20
135	Altered mRNA expression of hepatic lipogenic enzyme and PPARalpha in rats fed dietary levan from <i>Zymomonas mobilis</i> . <i>Journal of Nutritional Biochemistry</i> , 2006 , 17, 419-26	6.3	20
134	Plant-derived flavones as inhibitors of aurora B kinase and their quantitative structure-activity relationships. <i>Chemical Biology and Drug Design</i> , 2015 , 85, 574-85	2.9	19
133	20-O-β-D-glucopyranosyl-20(S)-protopanaxadiol, a metabolite of ginsenoside Rb1, enhances the production of hyaluronic acid through the activation of ERK and Akt mediated by Src tyrosin kinase in human keratinocytes. <i>International Journal of Molecular Medicine</i> , 2015 , 35, 1388-94	4.4	19
132	Structural properties of polyphenols causing cell cycle arrest at G1 phase in HCT116 human colorectal cancer cell lines. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 16970-85	6.3	19
131	Regulatory mechanism of TNFalpha autoregulation in HaCaT cells: the role of the transcription factor EGR-1. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 374, 777-82	3.4	19
130	Regioselectivity of 7-O-methyltransferase of poplar to flavones. <i>Journal of Biotechnology</i> , 2006 , 126, 241-7	3.7	19
129	Novel anticancer agent, benzyldihydroxyoctenone, isolated from <i>Streptomyces</i> sp. causes G1 cell cycle arrest and induces apoptosis of HeLa cells. <i>Cancer Science</i> , 2007 , 98, 795-802	6.9	18
128	Biological evaluation of 2-pyrazolinyl-1-carbothioamide derivatives against HCT116 human colorectal cancer cell lines and elucidation on QSAR and molecular binding modes. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 5423-5432	3.4	17
127	Synthesis and biological evaluation of hesperetin derivatives as agents inducing apoptosis. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 397-407	3.4	17
126	A synthetic chalcone derivative, 2-hydroxy-3,5,5-trimethoxychalcone (DK-139), suppresses the TNFα-induced invasive capability of MDA-MB-231 human breast cancer cells by inhibiting NF-κB-mediated GROα expression. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 203-8	2.9	16
125	Agerarin, identified from <i>Ageratum houstonianum</i> , stimulates circadian CLOCK-mediated aquaporin-3 gene expression in HaCaT keratinocytes. <i>Scientific Reports</i> , 2017 , 7, 11175	4.9	16
124	Rhamnetin production based on the rational design of the poplar O-methyltransferase enzyme and its biological activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 3866-70	2.9	16
123	Characterization of O-methyltransferase ScOMT1 cloned from <i>Streptomyces coelicolor</i> A3(2). <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2005 , 1730, 85-95		16
122	Complete assignment of 1H and 13C NMR data of some flavonol derivatives. <i>Magnetic Resonance in Chemistry</i> , 2005 , 43, 858-60	2.1	16
121	C-C motif chemokine receptor 1 (CCR1) is a target of the EGF-AKT-mTOR-STAT3 signaling axis in breast cancer cells. <i>Oncotarget</i> , 2017 , 8, 94591-94605	3.3	16
120	1H and 13C NMR spectral assignments of novel chromenylchalcones. <i>Magnetic Resonance in Chemistry</i> , 2012 , 50, 759-64	2.1	15
119	Solution structure of peptide AG4 used to form silver nanoparticles. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 376, 595-8	3.4	15

118	Complete assignment of the ^1H and ^{13}C NMR spectra of resveratrol derivatives. <i>Magnetic Resonance in Chemistry</i> , 2001 , 39, 768-770	2.1	15
117	Characterization of an O-methyltransferase from <i>Streptomyces avermitilis</i> MA-4680. <i>Journal of Microbiology and Biotechnology</i> , 2010 , 20, 1359-66	3.3	15
116	Quantitative Relationships Between the Cytotoxicity of Flavonoids on the Human Breast Cancer Stem-Like Cells MCF7-SC and Their Structural Properties. <i>Chemical Biology and Drug Design</i> , 2015 , 86, 496-508	2.9	14
115	Flavonoids promoting HaCaT migration: II. Molecular mechanism of 4',6,7-trimethoxyisoflavone via NOX2 activation. <i>Phytomedicine</i> , 2014 , 21, 570-7	6.5	14
114	The synthetic chalcone derivative 2-hydroxy-3',5,5'-trimethoxychalcone induces unfolded protein response-mediated apoptosis in A549 lung cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 2969-2975	2.9	14
113	2-Hydroxy-3,4-naphthochalcone (2H-NC) inhibits TNF α -induced tumor invasion through the downregulation of NF- κ B-mediated MMP-9 gene expression. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 128-32	2.9	13
112	2,4-Di-tert-butylphenol, a potential HDAC6 inhibitor, induces senescence and mitotic catastrophe in human gastric adenocarcinoma AGS cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018 , 1865, 675-683	4.9	13
111	Binding study of AfsK, a Ser/Thr kinase from <i>Streptomyces coelicolor</i> A3(2) and S-adenosyl-L-methionine. <i>FEMS Microbiology Letters</i> , 2007 , 266, 236-40	2.9	13
110	Complete NMR signal assignments of flavonol derivatives. <i>Magnetic Resonance in Chemistry</i> , 2006 , 44, 188-90	2.1	13
109	Dryanol suppresses COX-2 expression by inhibiting reactive oxygen species-mediated Erk1/2 and Egr-1 signaling in LPS-stimulated RAW264.7 macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 491, 486-492	3.4	12
108	Dryanol-Rich Black Rice Bran Extract Enhances the Innate Immune Response. <i>Journal of Medicinal Food</i> , 2017 , 20, 855-863	2.8	12
107	^1H and ^{13}C NMR spectral assignments of 18 novel polymethoxylated naphthochalcones bearing pyrazoline-1-carbothioamide groups. <i>Magnetic Resonance in Chemistry</i> , 2015 , 53, 383-90	2.1	12
106	HY253, a novel compound isolated from <i>Aralia continentalis</i> , induces apoptosis via cytochrome c-mediated intrinsic pathway in HeLa cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 797-9	2.9	12
105	Altered regioselectivity of a poplar O-methyltransferase, POMT-7. <i>Journal of Biotechnology</i> , 2008 , 138, 107-11	3.7	12
104	Complete assignment of (^1H) and (^{13}C) NMR data of dihydroxyflavone derivatives. <i>Magnetic Resonance in Chemistry</i> , 2006 , 44, 99-101	2.1	12
103	Colorectal anticancer activities of polymethoxylated 3-naphthyl-5-phenylpyrazoline-carbothioamides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 4301-9	2.9	12
102	A Novel Synthetic Material, BMM, Accelerates Wound Repair by Stimulating Re-Epithelialization and Fibroblast Activation. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	11
101	Mechanism of 2',3'-dimethoxyflavanone-induced apoptosis in breast cancer stem cells: role of ubiquitination of caspase-8 and LC3. <i>Archives of Biochemistry and Biophysics</i> , 2014 , 562, 92-102	4.1	11

100	A flavonoid gossypin binds to cyclin-dependent kinase 2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 661-4	2.9	11
99	Inhibition of PDGF-induced migration and TNF- α -induced ICAM-1 expression by maltotetraose from bamboo stem extract (BSE) in mouse vascular smooth muscle cells. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 2086-97	5.9	11
98	Euphorbia humifusa Willd exerts inhibition of breast cancer cell invasion and metastasis through inhibition of TNF- α -induced MMP-9 expression. <i>BMC Complementary and Alternative Medicine</i> , 2016 , 16, 413	4.7	11
97	Inhibition of TNF- α -induced interleukin-6 gene expression by barley (<i>Hordeum vulgare</i>) ethanol extract in BV-2 microglia. <i>Genes and Genomics</i> , 2019 , 41, 557-566	2.1	10
96	p53-dependent and -independent mechanisms are involved in (E)-1-(2-hydroxyphenyl)-3-(2-methoxynaphthalen-1-yl)prop-2-en-1-one (HMP)-induced apoptosis in HCT116 colon cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 479, 913-919	3.4	10
95	Complete NMR data of methoxylated cis- and trans-stilbenes as well as 1,2-diphenylethanes. <i>Magnetic Resonance in Chemistry</i> , 2011 , 49, 374-7	2.1	10
94	Structure-function relationships of wheat flavone O-methyltransferase: Homology modeling and site-directed mutagenesis. <i>BMC Plant Biology</i> , 2010 , 10, 156	5.3	10
93	Time-dependent density functional theory-assisted absolute configuration determination of cis-dihydrodiol metabolite produced from isoflavone by biphenyl dioxygenase. <i>Analytical Biochemistry</i> , 2010 , 397, 29-36	3.1	10
92	A novel antiproliferative agent, phenylpyridineylbutenol, isolated from <i>Streptomyces</i> sp. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 5643-5	2.9	10
91	NMR study of a novel pentasaccharide isolated from <i>Penicillium citrium</i> . <i>Magnetic Resonance in Chemistry</i> , 2003 , 41, 223-226	2.1	10
90	(1) H and (13) C NMR spectral assignments of novel flavonoids bearing benzothiazepine. <i>Magnetic Resonance in Chemistry</i> , 2016 , 54, 382-90	2.1	10
89	A synthetic isoflavone, DCMF, promotes human keratinocyte migration by activating Src/FAK signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 472, 332-8	3.4	10
88	Inhibitory Effect of Ethanollic Extract on NF- κ B-Dependent CXCR3 and CXCL10 Expression in TNF- α -Exposed MDA-MB-231 Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	10
87	Downregulation of α -Melanocyte-Stimulating Hormone-Induced Activation of the Pax3-MITF-Tyrosinase Axis by Sorghum Ethanollic Extract in B16F10 Melanoma Cells. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	9
86	Effects of flavone derivatives on antigen-stimulated degranulation in RBL-2H3 cells. <i>Chemical Biology and Drug Design</i> , 2013 , 81, 228-37	2.9	9
85	¹ H and ¹³ C NMR spectral assignments of chalcones bearing pyrazoline-carbothioamide groups. <i>Magnetic Resonance in Chemistry</i> , 2013 , 51, 500-8	2.1	9
84	Complete assignments of ¹ H and ¹³ C NMR data for 21 naphthalenyl-phenyl-pyrazoline derivatives. <i>Magnetic Resonance in Chemistry</i> , 2013 , 51, 593-9	2.1	9
83	Total assignment of the ¹ H and ¹³ C NMR data for felodipine and its derivatives. <i>Magnetic Resonance in Chemistry</i> , 2001 , 39, 406-410	2.1	9

82	Discovery of Monoamine Oxidase A Inhibitors Derived from in silico Docking. <i>Bulletin of the Korean Chemical Society</i> , 2012 , 33, 3841-3844	1.2	9
81	Flavonoids promoting HaCaT migration: I. Hologram quantitative structure-activity relationships. <i>Phytomedicine</i> , 2014 , 21, 560-9	6.5	8
80	Flavonoids activating adenosine monophosphate-activated protein kinase 2015 , 58, 13-19		8
79	Effects of the novel compound DK223 ([1E,2E-1,2-Bis(6-methoxy-2H-chromen-3-yl)methylene]hydrazine) on migration and proliferation of human keratinocytes and primary dermal fibroblasts. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 13091-110	6.3	8
78	HY251, a novel cell cycle inhibitor isolated from <i>Aralia continentalis</i> , induces G1 phase arrest via p53-dependent pathway in HeLa cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 959-61	2.9	8
77	Relationships between the structures of flavanone derivatives and their effects in enhancing early growth response-1 gene expression. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 2116-20	2.9	8
76	Overcoming multidrug resistance by activating unfolded protein response of the endoplasmic reticulum in cisplatin-resistant A2780/CisR ovarian cancer cells. <i>BMB Reports</i> , 2020 , 53, 88-93	5.5	8
75	Inhibitory Effect of Synthetic Flavone Derivatives on Pan-Aurora Kinases: Induction of G2/M Cell-Cycle Arrest and Apoptosis in HCT116 Human Colon Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	8
74	Synthesis and structure elucidation of polyphenols containing the NSmethyleneformohydrazide scaffold as aurora kinase inhibitors. <i>Magnetic Resonance in Chemistry</i> , 2017 , 55, 864-876	2.1	7
73	Structure-activity relationships of polyphenols inhibiting lipopolysaccharide-induced NF- κ B activation 2012 , 55, 669-675		7
72	Conformational analysis in solution of gastrin releasing peptide. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 350, 120-4	3.4	7
71	(1) H and (13) C NMR spectral assignments of 19 novel polymethoxylated diphenylnaphthylpyrazolynylcarbothioamides. <i>Magnetic Resonance in Chemistry</i> , 2016 , 54, 246-51	2.1	7
70	Aurora kinase A inhibitor TCS7010 demonstrates pro-apoptotic effect through the unfolded protein response pathway in HCT116 colon cancer cells. <i>Oncology Letters</i> , 2017 , 14, 6571-6577	2.6	6
69	Agerarin inhibits α -MSH-induced TYR gene transcription via STAT3 suppression independent of CREB-MITF pathway. <i>Journal of Dermatological Science</i> , 2018 , 91, 107-110	4.3	6
68	Identification of an anticancer compound contained in seeds of <i>Maesa lanceolata</i> , a medicinal plant in Ethiopia 2014 , 57, 519-522		6
67	Gomisin G Suppresses the Growth of Colon Cancer Cells by Attenuation of AKT Phosphorylation and Arrest of Cell Cycle Progression. <i>Biomolecules and Therapeutics</i> , 2019 , 27, 210-215	4.2	6
66	Chrysin Inhibits NF- κ B-Dependent Transcription by Targeting IKK Kinase in the Atopic Dermatitis-Like Inflammatory Microenvironment. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6
65	A Computational-Based Approach to Identify Estrogen Receptor / Heterodimer Selective Ligands. <i>Molecular Pharmacology</i> , 2018 , 93, 197-207	4.3	5

64	Crystal structure of 2-(3,4-di-meth-oxy-phen-yl)-3-hy-droxy-4H-chromen-4-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o999-o1000		5
63	(E)-3-(3,5-Dimeth-oxy-phen-yl)-1-(1-hy-droxy-naphthalen-2-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3403		5
62	Conformational analysis in solution of protein kinase C betall V5-1 peptide. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 337, 154-9	3.4	5
61	Crystal structure of 2-(2,3-di-meth-oxy-naphthalen-1-yl)-3-hy-droxy-6-meth-oxy-4H-chromen-4-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o842-3	0.7	5
60	Chrysoeriol Prevents TNF α -Induced CYP19 Gene Expression via EGR-1 Downregulation in MCF7 Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
59	H and C NMR spectral assignments of naphthalenyl chalcone derivatives. <i>Magnetic Resonance in Chemistry</i> , 2016 , 54, 842-851	2.1	5
58	The EGR1-STAT3 Transcription Factor Axis Regulates α -Melanocyte-Stimulating Hormone-Induced Tyrosinase Gene Transcription in Melanocytes. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 1616-1619	4.3	4
57	Anticancer Activity of a New Chalcone Derivative-Loaded Polymeric Micelle. <i>Macromolecular Research</i> , 2019 , 27, 48-54	1.9	4
56	A novel hydroxymethoxynaphthochalcone induces apoptosis through the p53-dependent caspase-mediated pathway in HCT116 human colon cancer cells 2014 , 57, 413-418		4
55	¹ H and ¹³ C NMR spectral assignments of 18 novel polymethoxylated hydroxynaphthopyrazolylchalconoids. <i>Magnetic Resonance in Chemistry</i> , 2015 , 53, 391-7	2.1	4
54	A novel synthetic chalcone derivative promotes caspase-dependent apoptosis through ROS generation and activation of the UPR in MH7A cells. <i>Genes and Genomics</i> , 2015 , 37, 1051-1059	2.1	4
53	Investigation of 2-hydroxy-4-methoxy-2',3'-benzochalcone binding to tubulin by using NMR and in silico docking 2014 , 57, 693-698		4
52	Identification and structure elucidation of a p-phenoxybenzaldehyde in bamboo shoots by HPLC-ESI/MS/MS and NMR. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 11579-84	5.7	4
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50	Identification of compounds exhibiting inhibitory activity toward the <i>Pseudomonas tolaasii</i> toxin tolaasin I using in silico docking calculations, NMR binding assays, and in vitro hemolytic activity assays. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009 , 19, 4321-4	2.9	4
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48	A synthetic chalcone derivative, 2-hydroxy-3,5,5-trimethoxychalcone (DK-139), triggers reactive oxygen species-induced apoptosis independently of p53 in A549 lung cancer cells. <i>Chemico-Biological Interactions</i> , 2019 , 298, 72-79	5	4
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36	Conversion of flavonoids and their conformation by NMR and DFT		3
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20	Stereochemical Elucidation of Norbornene Derivatives Synthesized as Leukotriene D4 Receptor Antagonists. <i>Spectroscopy Letters</i> , 2003 , 36, 407-418	1.1	1
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18	Design, synthesis, and biological activities of 3-((4,6-diphenylpyrimidin-2-ylamino)methylene)-2,3-dihydrochromen-4-ones.. <i>Bioorganic Chemistry</i> , 2022 , 120, 105634	5.1	1
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