

Yoongho Lim

List of Publications by Year in Descending Order

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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	Synthesis, Crystal Structure, Hirshfeld Surface Analysis and Docking Studies of a Novel FlavoneChalcone Hybrid Compound Demonstrating Anticancer Effects by Generating ROS through Glutathione Depletion. <i>Crystals</i> , 2022 , 12, 108	2.3	3
188	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
187	Impairment of Glucose Metabolism and Suppression of Stemness in MCF-7/SC Human Breast Cancer Stem Cells by Nootkatone. <i>Pharmaceutics</i> , 2022 , 14, 906	6.4	1
186	H and C NMR spectral assignment of 29 NS(3-([1,1Sbiphenyl]-4-yl)-1-phenyl-1H-pyrazol-4-yl)acylhydrazones. <i>Magnetic Resonance in Chemistry</i> , 2021 , 59, 648-662	2.1	
185	Odd-chain fatty acids as novel histone deacetylase 6 (HDAC6) inhibitors. <i>Biochimie</i> , 2021 , 186, 147-156	4.6	2
184	Inhibition of EGR-1-dependent MMP1 transcription by ethanol extract of <i>Ageratum houstonianum</i> in HaCaT keratinocytes. <i>Molecular Biology Reports</i> , 2021 , 48, 1-11	2.8	0
183	Design, synthesis, and evaluation of 4-chromenone derivatives combined with N-acylhydrazone for aurora kinase A inhibitor. <i>Applied Biological Chemistry</i> , 2021 , 64,	2.9	1
182	H and C NMR spectral assignments of nineteen 5-(3,5-dimethoxyphenyl)-3-(2-methoxyphenyl)-2-pyrazoline derivatives. <i>Magnetic Resonance in Chemistry</i> , 2021 , 59, 478-488	2.1	3
181	Disrupting the DNA Binding of EGR-1 with a Small-Molecule Inhibitor Ameliorates 2,4-Dinitrochlorobenzene-Induced Skin Inflammation. <i>Journal of Investigative Dermatology</i> , 2021 , 141, 1851-1855	4.3	3
180	Single Crystal X-Ray Structure for the Disordered Two Independent Molecules of Novel Isoflavone: Synthesis, Hirshfeld Surface Analysis, Inhibition and Docking Studies on IKK β 3-(2,3-dihydrobenzo[b][1,4]dioxin-6-yl)-6,7-dimethoxy-4H-chromen-4-one. <i>Crystals</i> , 2020 , 10, 911	2.3	1
179	Synthesis, Single Crystal X-Ray Structure, Hirshfeld Surface Analysis, DFT Computations, Docking Studies on Aurora Kinases and an Anticancer Property of 3-(2,3-Dihydrobenzo[b][1,4]dioxin-6-yl)-6-methoxy-4H-chromen-4-one. <i>Crystals</i> , 2020 , 10, 413	2.3	3
178	A Synthetic Pan-Aurora Kinase Inhibitor, 5-Methoxy-2-(2-methoxynaphthalen-1-yl)-4H-chromen-4-one, Triggers Reactive Oxygen Species-Mediated Apoptosis in HCT116 Colon Cancer Cells. <i>Journal of Chemistry</i> , 2020 , 2020, 1-11	2.3	1
177	H and C NMR spectral assignments of twenty-six 1-aryl-5-(2-(styryl)phenyl)penta-1,4-dien-3-ones. <i>Magnetic Resonance in Chemistry</i> , 2020 , 58, 334-346	2.1	
176	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
175	Optimized MALDI-TOF Mass Analysis Conditions for Natural Small Molecules. <i>Bulletin of the Korean Chemical Society</i> , 2020 , 41, 84-87	1.2	1
174	Chrysin Inhibits NF- κ B-Dependent Transcription by Targeting I κ B Kinase in the Atopic Dermatitis-Like Inflammatory Microenvironment. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6
173	A Novel Synthetic Compound (E)-5-((4-oxo-4H-chromen-3-yl)methyleamino)-1-phenyl-1H-pyrazole-4-carbonitrile Inhibits TNF α -Induced Expression via EGR-1 Downregulation in MDA-MB-231 Human Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2

172	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
171	Byakangelicin as a modulator for improved distribution and bioactivity of natural compounds and synthetic drugs in the brain. <i>Phytomedicine</i> , 2019 , 62, 152963	6.5	3
170	Design, synthesis, and biological evaluation of polyphenols with 4,6-diphenylpyrimidin-2-amine derivatives for inhibition of Aurora kinase A. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2019 , 27, 265-281	7.9	3
169	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
168	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
167	Anticancer Activity of a New Chalcone Derivative-Loaded Polymeric Micelle. <i>Macromolecular Research</i> , 2019 , 27, 48-54	1.9	4
166	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
165	Identification of the active components inhibiting the expression of matrix metalloproteinase-9 by TNF α in ethyl acetate extract of <i>Euphorbia humifusa</i> Willd. <i>Journal of Applied Biological Chemistry</i> , 2019 , 62, 367-374	0.7	1
164	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
163	Design, synthesis, and biological activities of 1-aryl-(3-(2-styryl)phenyl)prop-2-en-1-ones. <i>Bioorganic Chemistry</i> , 2019 , 83, 438-449	5.1	4
162	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
161	H and C NMR characterization of 1,3,4-oxadiazole derivatives. <i>Magnetic Resonance in Chemistry</i> , 2018 , 56, 782-791	2.1	3
160	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
159	A Computational-Based Approach to Identify Estrogen Receptor / Heterodimer Selective Ligands. <i>Molecular Pharmacology</i> , 2018 , 93, 197-207	4.3	5
158	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
157	Downregulation of α -Melanocyte-Stimulating Hormone-Induced Activation of the Pax3-MITF-Tyrosinase Axis by Sorghum Ethanolic Extract in B16F10 Melanoma Cells. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	9
156	Relation between structures of naphthalenylchalcone derivatives and their cytotoxic effects on HCT116 human colon cancer cells. <i>Applied Biological Chemistry</i> , 2018 , 61, 267-272	2.9	0
155	Clonogenic long-term survival assay of HCT 116 colorectal cancer cells after treatment with the synthesized diphenyl imidazoline derivatives. <i>Applied Biological Chemistry</i> , 2018 , 61, 303-312	2.9	1

154	Synthetic Diethyl 2,6-dimethyl-1,4-dihydropyridine-3,5-dicarboxylates Induce Apoptosis. <i>Medicinal Chemistry</i> , 2018 , 14, 851-862	1.8	1
153	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
152	Cell growth inhibitory effects of polyphenols with naphthalene skeleton against cisplatin-resistant ovarian cancer cells. <i>Applied Biological Chemistry</i> , 2018 , 61, 697-701	2.9	1
151	Inhibitory Effect of Ethanolic 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
150	H and C NMR spectral assignments of 25 ethyl 2-oxocyclohex-3-enecarboxylates. <i>Magnetic Resonance in Chemistry</i> , 2018 , 56, 1188-1200	2.1	2
149	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
148	Flavones with inhibitory effects on glycogen synthase kinase 3 β . <i>Applied Biological Chemistry</i> , 2017 , 60, 227-232	2.9	3
147	H and C NMR spectral assignments for 24 novel naphthalenylphenylpyrazolines. <i>Magnetic Resonance in Chemistry</i> , 2017 , 55, 856-863	2.1	2
146	Synthesis and structure elucidation of polyphenols containing the N-methyleneformohydrazide scaffold as aurora kinase inhibitors. <i>Magnetic Resonance in Chemistry</i> , 2017 , 55, 864-876	2.1	7
145	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
144	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
143	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
142	Biological evaluation of the diterpenes from <i>Croton macrostachyus</i> . <i>Applied Biological Chemistry</i> , 2017 , 60, 615-621	2.9	3
141	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
140	Synthetic polyphenol compounds inhibit β -catenin/Tcf signaling: Structure-activity relationship. <i>Journal of Industrial and Engineering Chemistry</i> , 2017 , 56, 258-269	6.3	3
139	Biological evaluation of 2-pyrazolynyl-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
138	Dryanol-Rich Black Rice Bran Extract Enhances the Innate Immune Response. <i>Journal of Medicinal Food</i> , 2017 , 20, 855-863	2.8	12
137	Synthesis and biological evaluation of hesperetin derivatives as agents inducing apoptosis. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 397-407	3.4	17

136	H and C NMR spectral assignments of flavone derivatives. <i>Magnetic Resonance in Chemistry</i> , 2017 , 55, 359-366	2.1	1
135	3-(2-Hydroxy-4-methoxyphenyl)-N-(2-methoxyphenyl)-5-(naphthalen-1-yl)-4,5-dihydro-1H-pyrazole-1-carbothioamide. <i>IUCrData</i> , 2017 , 2,	0.7	1
134	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
133	Benzoflavonoids Structure Hinders Human Colon Cancer Clonogenicity. <i>Medicinal Chemistry</i> , 2017 , 13, 168-175	1.8	1
132	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
131	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
130	(1) H and (13) C NMR spectral assignments of novel naphthalenylphenylpyrazolines. <i>Magnetic Resonance in Chemistry</i> , 2016 , 54, 252-9	2.1	3
129	Isoflavones as modulators of adenosine monophosphate-activated protein kinase. <i>Applied Biological Chemistry</i> , 2016 , 59, 217-225	2.9	3
128	A synthetic chalcone, 2-hydroxy-2,3,5-trimethoxychalcone triggers unfolded protein response-mediated apoptosis in breast cancer cells. <i>Cancer Letters</i> , 2016 , 372, 1-9	9.9	35
127	A synthetic chalcone derivative, 2-hydroxy-3,5,5-trimethoxychalcone (DK-139), suppresses the TNF α -induced invasive capability of MDA-MB-231 human breast cancer cells by inhibiting NF- κ B-mediated GRO α expression. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 203-8	2.9	16
126	A Benzochalcone Derivative, (E)-1-(2-hydroxy-6-methoxyphenyl)-3-(naphthalen-2-yl)prop-2-en-1-one (DK-512), Inhibits Tumor Invasion through Inhibition of the TNF α -Induced NF- κ B/MMP-9 Axis in MDA-MB-231 Breast Cancer Cells. <i>Journal of Chemistry</i> , 2016 , 2016, 1-8	2.3	
125	H and C NMR spectral assignments of naphthalenyl chalcone derivatives. <i>Magnetic Resonance in Chemistry</i> , 2016 , 54, 842-851	2.1	5
124	(1) H and (13) C NMR spectral assignments of 19 novel polymethoxylated diphenylnaphthylpyrazolinylcarbothioamides. <i>Magnetic Resonance in Chemistry</i> , 2016 , 54, 246-51	2.1	7
123	(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
122	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
121	(1) H and (13) C NMR spectral assignments of 30 novel n-methoxylated polyphenols containing thiourea skeletons. <i>Magnetic Resonance in Chemistry</i> , 2016 , 54, 403-13	2.1	1
120	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
119	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

118	Effect of Euphorbia humifusa Willd extract on the amelioration of innate immune responses. <i>Genes and Genomics</i> , 2016 , 38, 999-1004	2.1	0
117	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
116	Colorectal anticancer activities of polymethoxylated 3-naphthyl-5-phenylpyrazoline-carbothioamides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 4301-9	2.9	12
115	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
114	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
113	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
112	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
111	¹ H 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
110	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
109	20-O- β -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
108	Flavonoids activating adenosine monophosphate-activated protein kinase 2015 , 58, 13-19		8
107	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
106	Crystal structure of (E)-4,6-dimeth-oxy-2-(4-meth-oxy-styr-yl)-3-methyl-benzaldehyde. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015 , 71, o771	0.7	1
105	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
104	Flavonoids promoting HaCaT migration: I. Hologram quantitative structure-activity relationships. <i>Phytomedicine</i> , 2014 , 21, 560-9	6.5	8
103	A novel hydroxymethoxynaphthochalcone induces apoptosis through the p53-dependent caspase-mediated pathway in HCT116 human colon cancer cells 2014 , 57, 413-418		4
102	Identification of an anticancer compound contained in seeds of Maesa lanceolata, a medicinal plant in Ethiopia 2014 , 57, 519-522		6
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 new synthetic 2-hydroxy-2,4,6-trimethoxy-5- <i>S</i> -naphthochalcone 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
99	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
98	Flavonoids promoting HaCaT migration: II. Molecular mechanism of 4- <i>S</i> ,7-trimethoxyisoflavone via NOX2 activation. <i>Phytomedicine</i> , 2014 , 21, 570-7	6.5	14
97	Conversion of flavonoids and their conformation by NMR and DFT 2014 , 57, 561-564		3
96	Investigation of 2-hydroxy-4-methoxy-2',3'-benzochalcone binding to tubulin by using NMR and in silico docking 2014 , 57, 693-698		4
95	Effects of the novel compound DK223 ([1 <i>E</i> ,2 <i>E</i> -1,2-Bis(6-methoxy-2 <i>H</i> -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, 13331-13343	6.3	8
94	3-Methoxy-2-[5-(naphthalen-2-yl)-4,5-dihydro-1 <i>H</i> -pyrazol-3-yl]phenol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o464		1
93	Crystal structure of 2-(3,4-dimethoxyphenyl)-3-hydroxy-4 <i>H</i> -chromen-4-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014 , 70, o999-o1000		5
92	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
91	Transcriptional regulation of the growth-regulated oncogene <i>Fig</i> by early growth response protein-1 in response to tumor necrosis factor β stimulation. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2013 , 1829, 1066-74	6	20
90	Novel antimetabolic activity of 2-hydroxy-4-methoxy-2- <i>S</i> -benzochalcone (HymnPro) through the inhibition of tubulin polymerization. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 12588-97	5.7	35
89	¹ H and ¹³ C NMR spectral assignments of 2-hydroxychalcones. <i>Magnetic Resonance in Chemistry</i> , 2013 , 51, 364-70	2.1	25
88	Chromenylchalcones with inhibitory effects on monoamine oxidase B. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 7890-7	3.4	20
87	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
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	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

82	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
81	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
80	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
79	(E)-3-(3,5-Dimeth-oxy-phen-yl)-1-(2-meth-oxy-phen-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o514		3
78	(E)-1-(3,5-Di-meth-oxy-phen-yl)-3-(3-meth-oxy-phen-yl)prop-2-en-1-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o666		4
77	Isoflavones inhibit the clonogenicity of human colon cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 2664-9	2.9	26
76	Structure-activity relationships of polyphenols inhibiting lipopolysaccharide-induced NF- κ B activation 2012 , 55, 669-675		7
75	¹ H and ¹³ C NMR spectral assignments of novel chromenylchalcones. <i>Magnetic Resonance in Chemistry</i> , 2012 , 50, 759-64	2.1	15
74	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
73	Synthesis of methoxybenzoflavones and assignments of their NMR data. <i>Magnetic Resonance in Chemistry</i> , 2012 , 50, 62-7	2.1	25
72	Flavanones inhibit the clonogenicity of HCT116 colorectal cancer cells. <i>International Journal of Molecular Medicine</i> , 2012 , 29, 403-8	4.4	23
71	(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
70	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
69	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
68	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
67	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
66	A compound isolated from Schisandra chinensis induces apoptosis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 6054-7	2.9	25
65	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

64	Black soybean (<i>Glycine max</i> cv. Heugmi) seed coat extract suppresses TPA or UVB-induced COX-2 expression by blocking mitogen activated protein kinases pathway in mouse skin epithelial cells. <i>Food Science and Biotechnology</i> , 2011 , 20, 1735-1741	3	3
63	Synthesis and complete assignment of NMR data of 20 chalcones. <i>Magnetic Resonance in Chemistry</i> , 2011 , 49, 41-5	2.1	40
62	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
61	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
60	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
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