

Po-Lin Kuo

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.

171 papers	5,584 citations	41 h-index	65 g-index
173 ext. papers	6,441 ext. citations	4.7 avg, IF	5.84 L-index

#	Paper	IF	Citations
171	Identification of potential genes in upper tract urothelial carcinoma using next-generation sequencing with bioinformatics and in vitro analyses. <i>PeerJ</i> , 2021 , 9, e11343	3.1	1
170	Dual Role of Chondrocytes in Rheumatoid Arthritis: The Chicken and the Egg. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
169	High Glucose Induces Mesangial Cell Apoptosis through miR-15b-5p and Promotes Diabetic Nephropathy by Extracellular Vesicle Delivery. <i>Molecular Therapy</i> , 2020 , 28, 963-974	11.7	22
168	Associations of Bone Turnover Markers with Cognitive Function in Patients Undergoing Hemodialysis. <i>Disease Markers</i> , 2020 , 2020, 8641749	3.2	1
167	Identification of the Potential Prognostic Markers from the miRNA-lncRNA-mRNA Interactions for Metastatic Renal Cancer via Next-Generation Sequencing and Bioinformatics. <i>Diagnostics</i> , 2020 , 10,	3.8	6
166	Visceral obesity and cell cycle pathways serve as links in the association between bisphenol A exposure and breast cancer. <i>Oncology Letters</i> , 2020 , 20, 33-42	2.6	0
165	The Potential Effects of Curcumin on Pulmonary Fibroblasts of Idiopathic Pulmonary Fibrosis (IPF)-Approaching with Next-Generation Sequencing and Bioinformatics. <i>Molecules</i> , 2020 , 25,	4.8	1
164	Bone-marrow-derived cell-released extracellular vesicle miR-92a regulates hepatic pre-metastatic niche in lung cancer. <i>Oncogene</i> , 2020 , 39, 739-753	9.2	16
163	Next-generation sequencing predicts interaction network between miRNA and target genes in lipoteichoic acid-stimulated human neutrophils. <i>International Journal of Molecular Medicine</i> , 2019 , 44, 1436-1446	4.4	2
162	Deduction of Novel Genes Potentially Involved in the Effects of Very Low Dose Atropine (0.003%) Treatment on Corneal Epithelial Cells Using Next-Generation Sequencing and Bioinformatics Approaches. <i>Medicina (Lithuania)</i> , 2019 , 55,	3.1	3
161	6-Shogaol Suppresses 2-Amino-1-Methyl-6-Phenylimidazo [4,5-b] Pyridine (PhIP)-Induced Human 786-O Renal Cell Carcinoma Osteoclastogenic Activity and Metastatic Potential. <i>Nutrients</i> , 2019 , 11,	6.7	9
160	Deducting MicroRNA-Mediated Changes Common in Bronchial Epithelial Cells of Asthma and Chronic Obstructive Pulmonary Disease-A Next-Generation Sequencing-Guided Bioinformatic Approach. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	25
159	Cancer Immunotherapy: Silencing Intracellular Negative Immune Regulators of Dendritic Cells. <i>Cancers</i> , 2019 , 11,	6.6	1
158	Deduction of Novel Genes Potentially Involved in Upper Tract Urothelial Carcinoma Using Next-Generation Sequencing and Bioinformatics Approaches. <i>International Journal of Medical Sciences</i> , 2019 , 16, 93-105	3.7	4
157	Expressions of HLA Class II Genes in Cutaneous Melanoma Were Associated with Clinical Outcome: Bioinformatics Approaches and Systematic Analysis of Public Microarray and RNA-Seq Datasets. <i>Diagnostics</i> , 2019 , 9,	3.8	5
156	Simvastatin Attenuates Cardiac Fibrosis via Regulation of Cardiomyocyte-Derived Exosome Secretion. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	21
155	The Effects of Epigallocatechin Gallate (EGCG) on Pulmonary Fibroblasts of Idiopathic Pulmonary Fibrosis (IPF)-A Next-Generation Sequencing and Bioinformatic Approach. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	17

154	Gene Expression Changes Associated with Nintedanib Treatment in Idiopathic Pulmonary Fibrosis Fibroblasts: A Next-Generation Sequencing and Bioinformatics Study. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	11
153	Bioinformatic analysis of next-generation sequencing data to identify dysregulated genes in fibroblasts of idiopathic pulmonary fibrosis. <i>International Journal of Molecular Medicine</i> , 2019 , 43, 1643-1656	4.4	8
152	Indole-3 acetic acid increased risk of impaired cognitive function in patients receiving hemodialysis. <i>NeuroToxicology</i> , 2019 , 73, 85-91	4.4	22
151	New Insight on Solute Carrier Family 27 Member 6 (SLC27A6) in Tumoral and Non-Tumoral Breast Cells. <i>International Journal of Medical Sciences</i> , 2019 , 16, 366-375	3.7	9
150	The Roles of MicroRNA in Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	113
149	Differential expression profiles of the transcriptome in bone marrow-derived cells in lung cancer revealed by next generation sequencing and bioinformatics. <i>Oncology Letters</i> , 2019 , 17, 4341-4350	2.6	1
148	Reduced camptothecin sensitivity of estrogen receptor-positive human breast cancer cells following exposure to di(2-ethylhexyl)phthalate (DEHP) is associated with DNA methylation changes. <i>Environmental Toxicology</i> , 2019 , 34, 401-414	4.2	6
147	CXCL17-derived CD11bGr-1 myeloid-derived suppressor cells contribute to lung metastasis of breast cancer through platelet-derived growth factor-BB. <i>Breast Cancer Research</i> , 2019 , 21, 23	8.3	34
146	Indoxyl Sulfate Induces Apoptosis Through Oxidative Stress and Mitogen-Activated Protein Kinase Signaling Pathway Inhibition in Human Astrocytes. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	20
145	Differential Expression Profiles of the Transcriptome and miRNA Interactome in Synovial Fibroblasts of Rheumatoid Arthritis Revealed by Next Generation Sequencing. <i>Diagnostics</i> , 2019 , 9,	3.8	6
144	Identification of Novel Genes in Osteoarthritic Fibroblast-Like Synoviocytes Using Next-Generation Sequencing and Bioinformatics Approaches. <i>International Journal of Medical Sciences</i> , 2019 , 16, 1057-1071	2.7	3
143	Tris(8-Hydroxyquinoline)iron induces apoptotic cell death via oxidative stress and by activating death receptor signaling pathway in human head and neck carcinoma cells. <i>Phytomedicine</i> , 2019 , 63, 153005	6.5	8
142	Investigating Novel Genes Potentially Involved in Endometrial Adenocarcinoma using Next-Generation Sequencing and Bioinformatic Approaches. <i>International Journal of Medical Sciences</i> , 2019 , 16, 1338-1348	3.7	3
141	Protein-bound uremic toxins are associated with cognitive function among patients undergoing maintenance hemodialysis. <i>Scientific Reports</i> , 2019 , 9, 20388	4.9	18
140	Systematic Analysis of Transcriptomic Profile of the Effects of Low Dose Atropine Treatment on Scleral Fibroblasts using Next-Generation Sequencing and Bioinformatics. <i>International Journal of Medical Sciences</i> , 2019 , 16, 1652-1667	3.7	7
139	Effects of Epigallocatechin Gallate (EGCG) on Urinary Bladder Urothelial Carcinoma-Next-Generation Sequencing and Bioinformatics Approaches. <i>Medicina (Lithuania)</i> , 2019 , 55,	3.1	7
138	Pretreatment Hepatitis B Viral Load Predicts Long-Term Hepatitis B Response After Anti-Hepatitis C Therapy in Hepatitis B/C Dual-Infected Patients. <i>Journal of Infectious Diseases</i> , 2019 , 219, 1224-1233	7	8
137	Deduction of Novel Genes Potentially Involved in Keratinocytes of Type 2 Diabetes Using Next-Generation Sequencing and Bioinformatics Approaches. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	6

136	Investigation of the role of tumor necrosis factor-like weak inducer of apoptosis in non-small cell lung cancer. <i>Oncology Reports</i> , 2018 , 39, 573-581	3.5	2
135	S100B expression in breast cancer as a predictive marker for cancer metastasis. <i>International Journal of Oncology</i> , 2018 , 52, 433-440	4.4	12
134	The effects of asthma medications on reactive oxygen species production in human monocytes. <i>Journal of Asthma</i> , 2018 , 55, 345-353	1.9	8
133	Possible mechanisms mediating apoptosis of bronchial epithelial cells in chronic obstructive pulmonary disease - A next-generation sequencing approach. <i>Pathology Research and Practice</i> , 2018 , 214, 1489-1496	3.4	17
132	Knockdown of GA-binding protein subunit β inhibits cell proliferation via p21 induction in renal cell carcinoma. <i>International Journal of Oncology</i> , 2018 , 53, 886-894	4.4	1
131	Interaction between Tumor-Associated Dendritic Cells and Colon Cancer Cells Contributes to Tumor Progression via CXCL1. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	45
130	Systematic analysis of transcriptomic profiles of COPD airway epithelium using next-generation sequencing and bioinformatics. <i>International Journal of COPD</i> , 2018 , 13, 2387-2398	3	16
129	Post-treatment alpha fetoprotein and platelets predict hepatocellular carcinoma development in dual-infected hepatitis B and C patients after eradication of hepatitis C. <i>Oncotarget</i> , 2018 , 9, 12240-12249	2.3	4
128	Association of renal systolic time intervals with brachial-ankle pulse wave velocity. <i>International Journal of Medical Sciences</i> , 2018 , 15, 1235-1240	3.7	2
127	Hypoxic Lung-Cancer-Derived Extracellular Vesicle MicroRNA-103a Increases the Oncogenic Effects of Macrophages by Targeting PTEN. <i>Molecular Therapy</i> , 2018 , 26, 568-581	11.7	101
126	The Impact of Di(2-ethylhexyl)phthalate on Cancer Progression. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2018 , 66, 183-197	4	10
125	The Interaction of miR-378i-Skp2 Regulates Cell Senescence in Diabetic Nephropathy. <i>Journal of Clinical Medicine</i> , 2018 , 7,	5.1	16
124	Angpt2 Induces Mesangial Cell Apoptosis through the MicroRNA-33-5p-SOCS5 Loop in Diabetic Nephropathy. <i>Molecular Therapy - Nucleic Acids</i> , 2018 , 13, 543-555	10.7	17
123	Solute Carrier Family 27 Member 4 (SLC27A4) Enhances Cell Growth, Migration, and Invasion in Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	21
122	Systematic Analysis of Transcriptomic Profile of Chondrocytes in Osteoarthritic Knee Using Next-Generation Sequencing and Bioinformatics. <i>Journal of Clinical Medicine</i> , 2018 , 7,	5.1	10
121	Deduction of novel genes potentially involved in hypoxic AC16 human cardiomyocytes using next-generation sequencing and bioinformatics approaches. <i>International Journal of Molecular Medicine</i> , 2018 , 42, 2489-2502	4.4	10
120	Identification of mutations in SLC4A1, GP1BA and HFE in a family with venous thrombosis of unknown cause by next-generation sequencing. <i>Experimental and Therapeutic Medicine</i> , 2018 , 16, 4172-4180	2.1	4
119	Regulatory mechanism of fatty acid-CoA metabolic enzymes under endoplasmic reticulum stress in lung cancer. <i>Oncology Reports</i> , 2018 , 40, 2674-2682	3.5	12

118	Systematic Analysis of Differential Expression Profile in Rheumatoid Arthritis Chondrocytes Using Next-Generation Sequencing and Bioinformatics Approaches. <i>International Journal of Medical Sciences</i> , 2018 , 15, 1129-1142	3.7	13
117	Tumor necrosis factor-alpha inhibitors suppress CCL2 chemokine in monocytes via epigenetic modification. <i>Molecular Immunology</i> , 2017 , 83, 82-91	4.3	22
116	Reactivation of hepatitis B in patients of chronic hepatitis C with hepatitis B virus infection treated with direct acting antivirals. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2017 , 32, 1754-1762 ⁴		5 ¹
115	Association of long-chain acyl-coenzyme A synthetase β expression in human breast cancer by estrogen receptor status and its clinical significance. <i>Oncology Reports</i> , 2017 , 37, 3253-3260	3.5	25
114	Renal systolic time intervals derived from intra-renal artery Doppler as a novel predictor of adverse cardiac outcomes. <i>Scientific Reports</i> , 2017 , 7, 43825	4.9	1
113	Role of galectins in lung cancer. <i>Oncology Letters</i> , 2017 , 14, 5077-5084	2.6	9
112	Aortic Arch Calcification as a Predictor of Repeated Arteriovenous Fistula Failure within 1-Year in Hemodialysis Patients. <i>BioMed Research International</i> , 2017 , 2017, 6728437	3	2
111	Systematic Analysis of Transcriptomic Profile of Renal Cell Carcinoma under Long-Term Hypoxia Using Next-Generation Sequencing and Bioinformatics. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	14
110	The immunomodulatory effects of TNF α -inhibitors on human Th17 cells via ROR γ histone acetylation. <i>Oncotarget</i> , 2017 , 8, 7559-7571	3.3	12
109	Identification of novel gene expression signature in lung adenocarcinoma by using next-generation sequencing data and bioinformatics analysis. <i>Oncotarget</i> , 2017 , 8, 104831-104854	3.3	40
108	Vascular endothelial growth factor and protein level in pleural effusion for differentiating malignant from benign pleural effusion. <i>Oncology Letters</i> , 2017 , 14, 3657-3662	2.6	9
107	Deduction of Novel Genes Potentially Involved in Osteoblasts of Rheumatoid Arthritis Using Next-Generation Sequencing and Bioinformatic Approaches. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	17
106	Montelukast Induces Apoptosis-Inducing Factor-Mediated Cell Death of Lung Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	21
105	Association of diabetes mellitus with decline in ankle-brachial index among patients on hemodialysis: A 6-year follow-up study. <i>PLoS ONE</i> , 2017 , 12, e0175363	3.7	1
104	IL-8 promotes inflammatory mediators and stimulates activation of p38 MAPK/ERK-NF- κ B pathway and reduction of JNK in HNSCC. <i>Oncotarget</i> , 2017 , 8, 56375-56388	3.3	34
103	Secreted protein acidic and rich in cysteine (SPARC) induces cell migration and epithelial mesenchymal transition through WNK1/snail in non-small cell lung cancer. <i>Oncotarget</i> , 2017 , 8, 63691-63702	3.3	30
102	Identification of novel genetic regulations associated with airway epithelial homeostasis using next-generation sequencing data and bioinformatics approaches. <i>Oncotarget</i> , 2017 , 8, 82674-82688	3.3	17
101	Identification of novel genes in aging osteoblasts using next-generation sequencing and bioinformatics. <i>Oncotarget</i> , 2017 , 8, 113598-113613	3.3	8

100	Laricitrin suppresses increased benzo(a)pyrene-induced lung tumor-associated monocyte-derived dendritic cell cancer progression. <i>Oncology Letters</i> , 2016 , 11, 1783-1790	2.6	9
99	Cysteinyl Leukotriene Receptor Antagonists Decrease Cancer Risk in Asthma Patients. <i>Scientific Reports</i> , 2016 , 6, 23979	4.9	28
98	Serum neutrophil gelatinase-associated lipocalin and resistin are associated with dengue infection in adults. <i>BMC Infectious Diseases</i> , 2016 , 16, 441	4	7
97	Isolinderalactone enhances the inhibition of SOCS3 on STAT3 activity by decreasing miR-30c in breast cancer. <i>Oncology Reports</i> , 2016 , 35, 1356-64	3.5	18
96	Nonalcoholic fatty liver disease severity is associated with the ratios of total cholesterol and triglycerides to high-density lipoprotein cholesterol. <i>Journal of Clinical Lipidology</i> , 2016 , 10, 420-5.e1	4.9	42
95	Reductive amination-assisted quantitation of tamoxifen and its metabolites by liquid phase chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016 , 1434, 64-9	4.5	5
94	Laricitrin ameliorates lung cancer-mediated dendritic cell suppression by inhibiting signal transducer and activator of transcription 3. <i>Oncotarget</i> , 2016 , 7, 85220-85234	3.3	11
93	Lung cancer-derived galectin-1 contributes to cancer associated fibroblast-mediated cancer progression and immune suppression through TDO2/kynurenine axis. <i>Oncotarget</i> , 2016 , 7, 27584-98	3.3	83
92	Nesfatin-1/Nucleobindin-2 enhances cell migration, invasion, and epithelial-mesenchymal transition via LKB1/AMPK/TORC1/ZEB1 pathways in colon cancer. <i>Oncotarget</i> , 2016 , 7, 31336-49	3.3	42
91	IL-8 promotes HNSCC progression on CXCR1/2-mediated NOD1/RIP2 signaling pathway. <i>Oncotarget</i> , 2016 , 7, 61820-61831	3.3	41
90	Association of Far-Infrared Radiation Therapy and Ankle-Brachial Index of Patients on Hemodialysis with Peripheral Artery Occlusive Disease. <i>International Journal of Medical Sciences</i> , 2016 , 13, 970-976	3.7	3
89	The Role of Galectin-3 in the Kidneys. <i>International Journal of Molecular Sciences</i> , 2016 , 17, 565	6.3	63
88	Serum Galectin-9 and Galectin-3-Binding Protein in Acute Dengue Virus Infection. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	19
87	Bone Metastasis from Renal Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	49
86	Didymin reverses phthalate ester-associated breast cancer aggravation in the breast cancer tumor microenvironment. <i>Oncology Letters</i> , 2016 , 11, 1035-1042	2.6	18
85	Inflammatory molecules expression pattern for identifying pathogen species in febrile patient serum. <i>Experimental and Therapeutic Medicine</i> , 2016 , 12, 312-318	2.1	5
84	Heart Rate Variability Change Before and After Hemodialysis is Associated with Overall and Cardiovascular Mortality in Hemodialysis. <i>Scientific Reports</i> , 2016 , 6, 20597	4.9	21
83	A novel cell-penetrating peptide suppresses breast tumorigenesis by inhibiting E-cadherin/LEF-1 signaling. <i>Scientific Reports</i> , 2016 , 6, 19156	4.9	41

82	Neutrophils are Essential in Short Hairpin RNA of Indoleamine 2,3- Dioxygenase Mediated-antitumor Efficiency. <i>Molecular Therapy - Nucleic Acids</i> , 2016 , 5, e397	10.7	4
81	Aryl hydrocarbon receptor agonists upregulate VEGF secretion from bronchial epithelial cells. <i>Journal of Molecular Medicine</i> , 2015 , 93, 1257-69	5.5	25
80	Curcumin Suppresses Phthalate-Induced Metastasis and the Proportion of Cancer Stem Cell (CSC)-like Cells via the Inhibition of AhR/ERK/SK1 Signaling in Hepatocellular Carcinoma. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 10388-98	5.7	46
79	Amiodarone as an autophagy promoter reduces liver injury and enhances liver regeneration and survival in mice after partial hepatectomy. <i>Scientific Reports</i> , 2015 , 5, 15807	4.9	41
78	The Associations of Novel Vitamin D3 Metabolic Gene CYP27A1 Polymorphism, Adiponectin/Leptin Ratio, and Metabolic Syndrome in Middle-Aged Taiwanese Males. <i>International Journal of Endocrinology</i> , 2015 , 2015, 658151	2.7	3
77	S100P interacts with integrin α and increases cancer cell migration and invasion in lung cancer. <i>Oncotarget</i> , 2015 , 6, 29585-98	3.3	29
76	Benzyl butyl phthalate increases the chemoresistance to doxorubicin/cyclophosphamide by increasing breast cancer-associated dendritic cell-derived CXCL1/GRO α and S100A8/A9. <i>Oncology Reports</i> , 2015 , 34, 2889-900	3.5	22
75	Wedelolactone inhibits breast cancer-induced osteoclastogenesis by decreasing Akt/mTOR signaling. <i>International Journal of Oncology</i> , 2015 , 46, 555-62	4.4	30
74	Tricetin, a dietary flavonoid, suppresses benzo(a)pyrene-induced human non-small cell lung cancer bone metastasis. <i>International Journal of Oncology</i> , 2015 , 46, 1985-93	4.4	13
73	Syringetin suppresses osteoclastogenesis mediated by osteoblasts in human lung adenocarcinoma. <i>Oncology Reports</i> , 2015 , 34, 617-26	3.5	6
72	Chemokine (C-C Motif) Ligand 5 is Involved in Tumor-Associated Dendritic Cell-Mediated Colon Cancer Progression Through Non-Coding RNA MALAT-1. <i>Journal of Cellular Physiology</i> , 2015 , 230, 1883-94	5.7	54
71	6-shogaol, an active constituent of dietary ginger, impairs cancer development and lung metastasis by inhibiting the secretion of CC-chemokine ligand 2 (CCL2) in tumor-associated dendritic cells. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 1730-8	5.7	32
70	Aryl hydrocarbon receptor (AhR) agonists increase airway epithelial matrix metalloproteinase activity. <i>Journal of Molecular Medicine</i> , 2014 , 92, 615-28	5.5	22
69	Myosin IIa activation is crucial in breast cancer derived galectin-1 mediated tolerogenic dendritic cell differentiation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014 , 1840, 1965-76	4	11
68	Synergistic effect of lung tumor-associated dendritic cell-derived HB-EGF and CXCL5 on cancer progression. <i>International Journal of Cancer</i> , 2014 , 135, 96-108	7.5	19
67	Cluster of differentiation 45 activation is crucial in interleukin-10-dependent tumor-associated dendritic cell differentiation. <i>Oncology Letters</i> , 2014 , 8, 620-626	2.6	3
66	Involvement of IL-10 and granulocyte colony-stimulating factor in the fate of monocytes controlled by galectin-1. <i>Molecular Medicine Reports</i> , 2014 , 10, 2389-94	2.9	9
65	Effect of low level laser therapy on chronic compression of the dorsal root ganglion. <i>PLoS ONE</i> , 2014 , 9, e89894	3.7	20

64	Tumor microenvironment: a new treatment target for cancer 2014 , 2014, 351959		76
63	Isolinderalactone inhibits proliferation of A549 human non-small cell lung cancer cells by arresting the cell cycle at the G0/G1 phase and inducing a Fas receptor and soluble Fas ligand-mediated apoptotic pathway. <i>Molecular Medicine Reports</i> , 2014 , 9, 1653-9	2.9	13
62	Arctigenin, a dietary phytoestrogen, induces apoptosis of estrogen receptor-negative breast cancer cells through the ROS/p38 MAPK pathway and epigenetic regulation. <i>Free Radical Biology and Medicine</i> , 2014 , 67, 159-70	7.8	109
61	Heat effect induces production of inflammatory cytokines through heat shock protein 90 pathway in cornea cells. <i>Current Eye Research</i> , 2013 , 38, 464-71	2.9	9
60	MicroRNA-33a functions as a bone metastasis suppressor in lung cancer by targeting parathyroid hormone related protein. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 3756-66	4	79
59	Gemifloxacin, a fluoroquinolone antimicrobial drug, inhibits migration and invasion of human colon cancer cells. <i>BioMed Research International</i> , 2013 , 2013, 159786	3	23
58	Galectin-1 promotes lung cancer tumor metastasis by potentiating integrin $\beta 4$ and Notch1/Jagged2 signaling pathway. <i>Carcinogenesis</i> , 2013 , 34, 1370-81	4.6	68
57	Apigenin induces apoptosis via tumor necrosis factor receptor- and Bcl-2-mediated pathway and enhances susceptibility of head and neck squamous cell carcinoma to 5-fluorouracil and cisplatin. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012 , 1820, 1081-91	4	65
56	Lung cancer-derived galectin-1 enhances tumorigenic potentiation of tumor-associated dendritic cells by expressing heparin-binding EGF-like growth factor. <i>Journal of Biological Chemistry</i> , 2012 , 287, 9753-9764	5.4	32
55	Nonylphenol induces bronchial epithelial apoptosis via Fas-mediated pathway and stimulates bronchial epithelium to secrete IL-6 and IL-8, causing bronchial smooth muscle proliferation and migration. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012 , 110, 178-86	3.1	12
54	CXCL1/GRO α increases cell migration and invasion of prostate cancer by decreasing fibulin-1 expression through NF- κ B/HDAC1 epigenetic regulation. <i>Carcinogenesis</i> , 2012 , 33, 2477-87	4.6	74
53	EMangostin, a dietary xanthone, induces autophagic cell death by activating the AMP-activated protein kinase pathway in glioblastoma cells. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 2086-96	5.7	49
52	Heat shock induces apoptosis through reactive oxygen species involving mitochondrial and death receptor pathways in corneal cells. <i>Experimental Eye Research</i> , 2011 , 93, 405-12	3.7	26
51	Bioactive Constituents from <i>Michelia champaca</i> . <i>Natural Product Communications</i> , 2011 , 6, 1934578X1100600	2	
50	CXCL5/ENA78 increased cell migration and epithelial-to-mesenchymal transition of hormone-independent prostate cancer by early growth response-1/snail signaling pathway. <i>Journal of Cellular Physiology</i> , 2011 , 226, 1224-31	7	48
49	Ginger suppresses phthalate ester-induced airway remodeling. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 3429-38	5.7	28
48	Pterostilbene suppresses benzo[a]pyrene-induced airway remodeling. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 8028-35	5.7	6
47	Lung tumor-associated dendritic cell-derived amphiregulin increased cancer progression. <i>Journal of Immunology</i> , 2011 , 187, 1733-44	5.3	31

46	Bronchial epithelium-derived IL-8 and RANTES increased bronchial smooth muscle cell migration and proliferation by Krüppel-like factor 5 in areca nut-mediated airway remodeling. <i>Toxicological Sciences</i> , 2011 , 121, 177-90	4.4	23
45	Lung cancer-derived galectin-1 mediates dendritic cell anergy through inhibitor of DNA binding 3/IL-10 signaling pathway. <i>Journal of Immunology</i> , 2011 , 186, 1521-30	5.3	69
44	Lung tumor-associated osteoblast-derived bone morphogenetic protein-2 increased epithelial-to-mesenchymal transition of cancer by Runx2/Snail signaling pathway. <i>Journal of Biological Chemistry</i> , 2011 , 286, 37335-46	5.4	57
43	Tricetin, a dietary flavonoid, induces apoptosis through the reactive oxygen species/c-Jun NH2-terminal kinase pathway in human liver cancer cells. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 12547-56	5.7	26
42	Oxidative and endoplasmic reticulum stress signaling are involved in dehydrocostuslactone-mediated apoptosis in human non-small cell lung cancer cells. <i>Lung Cancer</i> , 2010 , 68, 355-65	5.9	76
41	6-Dehydrogingerdione, an active constituent of dietary ginger, induces cell cycle arrest and apoptosis through reactive oxygen species/c-Jun N-terminal kinase pathways in human breast cancer cells. <i>Molecular Nutrition and Food Research</i> , 2010 , 54, 1307-17	5.9	41
40	Dehydrocostuslactone disrupts signal transducers and activators of transcription 3 through up-regulation of suppressor of cytokine signaling in breast cancer cells. <i>Molecular Cancer Therapeutics</i> , 2009 , 8, 1328-39	6.1	39
39	Shallot and licorice constituent isoliquiritigenin arrests cell cycle progression and induces apoptosis through the induction of ATM/p53 and initiation of the mitochondrial system in human cervical carcinoma HeLa cells. <i>Molecular Nutrition and Food Research</i> , 2009 , 53, 826-35	5.9	40
38	Syringetin, a flavonoid derivative in grape and wine, induces human osteoblast differentiation through bone morphogenetic protein-2/extracellular signal-regulated kinase 1/2 pathway. <i>Molecular Nutrition and Food Research</i> , 2009 , 53, 1452-61	5.9	35
37	Tricetin, a dietary flavonoid, inhibits proliferation of human breast adenocarcinoma mcf-7 cells by blocking cell cycle progression and inducing apoptosis. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 8688-95	5.7	36
36	6-Shogaol, an active constituent of dietary ginger, induces autophagy by inhibiting the AKT/mTOR pathway in human non-small cell lung cancer A549 cells. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 9809-16	5.7	118
35	Huang-lian-jie-du-tang, a traditional Chinese medicine prescription, induces cell-cycle arrest and apoptosis in human liver cancer cells in vitro and in vivo. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2008 , 23, e290-9	4	39
34	Involvement of reactive oxygen species/c-Jun NH(2)-terminal kinase pathway in kotomolide A induces apoptosis in human breast cancer cells. <i>Toxicology and Applied Pharmacology</i> , 2008 , 229, 215-26	4.6	34
33	Plumbagin induces cell cycle arrest and apoptosis through reactive oxygen species/c-Jun N-terminal kinase pathways in human melanoma A375.S2 cells. <i>Cancer Letters</i> , 2008 , 259, 82-98	9.9	174
32	Kotomolide A arrests cell cycle progression and induces apoptosis through the induction of ATM/p53 and the initiation of mitochondrial system in human non-small cell lung cancer A549 cells. <i>Food and Chemical Toxicology</i> , 2008 , 46, 2476-84	4.7	40
31	The grape and wine constituent piceatannol inhibits proliferation of human bladder cancer cells via blocking cell cycle progression and inducing Fas/membrane bound Fas ligand-mediated apoptotic pathway. <i>Molecular Nutrition and Food Research</i> , 2008 , 52, 408-18	5.9	59
30	Diosmetin induces human osteoblastic differentiation through the protein kinase C/p38 and extracellular signal-regulated kinase 1/2 pathway. <i>Journal of Bone and Mineral Research</i> , 2008 , 23, 949-60	6.3	32
29	Isoobtusilactone A induces cell cycle arrest and apoptosis through reactive oxygen species/apoptosis signal-regulating kinase 1 signaling pathway in human breast cancer cells. <i>Cancer Research</i> , 2007 , 67, 7406-20	10.1	133

28	Myricetin induces human osteoblast differentiation through bone morphogenetic protein-2/p38 mitogen-activated protein kinase pathway. <i>Biochemical Pharmacology</i> , 2007 , 73, 504-14	6	60
27	Isokotomolide A, a new butanolide extracted from the leaves of <i>Cinnamomum kotoense</i> , arrests cell cycle progression and induces apoptosis through the induction of p53/p21 and the initiation of mitochondrial system in human non-small cell lung cancer A549 cells. <i>European Journal of Pharmacology</i> , 2007 , 574, 94-102	5.3	48
26	Induction of apoptosis in human breast adenocarcinoma MCF-7 cells by pterocarnin A from the bark of <i>Pterocarya stenoptera</i> via the Fas-mediated pathway. <i>Anti-Cancer Drugs</i> , 2007 , 18, 555-62	2.4	3
25	Rugosin E, an ellagitannin, inhibits MDA-MB-231 human breast cancer cell proliferation and induces apoptosis by inhibiting nuclear factor-kappaB signaling pathway. <i>Cancer Letters</i> , 2007 , 248, 280-91	9.9	10
24	Piceatannol stimulates osteoblast differentiation that may be mediated by increased bone morphogenetic protein-2 production. <i>European Journal of Pharmacology</i> , 2006 , 551, 1-9	5.3	28
23	Putranjivain A from <i>Euphorbia jolkini</i> inhibits proliferation of human breast adenocarcinoma MCF-7 cells via blocking cell cycle progression and inducing apoptosis. <i>Toxicology and Applied Pharmacology</i> , 2006 , 213, 37-45	4.6	9
22	Plumbagin (5-hydroxy-2-methyl-1,4-naphthoquinone) induces apoptosis and cell cycle arrest in A549 cells through p53 accumulation via c-Jun NH2-terminal kinase-mediated phosphorylation at serine 15 in vitro and in vivo. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 318, 484-94	4.7	188
21	Plumbagin induces G2-M arrest and autophagy by inhibiting the AKT/mammalian target of rapamycin pathway in breast cancer cells. <i>Molecular Cancer Therapeutics</i> , 2006 , 5, 3209-21	6.1	264
20	Apoptotic effects of <i>Antrrodia cinnamomea</i> fruiting bodies extract are mediated through calcium and calpain-dependent pathways in Hep 3B cells. <i>Food and Chemical Toxicology</i> , 2006 , 44, 1316-26	4.7	33
19	Fraxetin inhibits the induction of anti-Fas IgM, tumor necrosis factor-alpha and interleukin-1beta-mediated apoptosis by Fas pathway inhibition in human osteoblastic cell line MG-63. <i>International Immunopharmacology</i> , 2006 , 6, 1167-75	5.8	11
18	Bone morphogenetic protein-2 and -4 (BMP-2 and -4) mediates fraxetin-induced maturation and differentiation in human osteoblast-like cell lines. <i>Biological and Pharmaceutical Bulletin</i> , 2006 , 29, 119-24	4.3	19
17	Osthole-mediated cell differentiation through bone morphogenetic protein-2/p38 and extracellular signal-regulated kinase 1/2 pathway in human osteoblast cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 314, 1290-9	4.7	98
16	Asiatic acid, a triterpene, induces apoptosis and cell cycle arrest through activation of extracellular signal-regulated kinase and p38 mitogen-activated protein kinase pathways in human breast cancer cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 313, 333-44	4.7	184
15	Isoliquiritigenin induces apoptosis and cell cycle arrest through p53-dependent pathway in Hep G2 cells. <i>Life Sciences</i> , 2005 , 77, 279-92	6.8	68
14	Myricetin inhibits the induction of anti-Fas IgM-, tumor necrosis factor-alpha- and interleukin-1beta-mediated apoptosis by Fas pathway inhibition in human osteoblastic cell line MG-63. <i>Life Sciences</i> , 2005 , 77, 2964-76	6.8	30
13	The mechanism of ellipticine-induced apoptosis and cell cycle arrest in human breast MCF-7 cancer cells. <i>Cancer Letters</i> , 2005 , 223, 293-301	9.9	91
12	The anti-proliferative inhibition of ellipticine in human breast mda-mb-231 cancer cells is through cell cycle arrest and apoptosis induction. <i>Anti-Cancer Drugs</i> , 2005 , 16, 789-95	2.4	32
11	Induction of cell cycle arrest and apoptosis in human non-small cell lung cancer A549 cells by casuarinin from the bark of <i>Terminalia arjuna</i> Linn. <i>Anti-Cancer Drugs</i> , 2005 , 16, 409-15	2.4	25

10	Casuarinin from the bark of <i>Terminalia arjuna</i> induces apoptosis and cell cycle arrest in human breast adenocarcinoma MCF-7 cells. <i>Planta Medica</i> , 2005 , 71, 237-43	3.1	31
9	Induction of apoptosis in human breast adenocarcinoma MCF-7 cells by prodelphinidin B-2 3,3Tdi-O-gallate from <i>Myrica rubra</i> via Fas-mediated pathway. <i>Journal of Pharmacy and Pharmacology</i> , 2004 , 56, 1399-406	4.8	16
8	Rhein inhibits the growth and induces the apoptosis of Hep G2 cells. <i>Planta Medica</i> , 2004 , 70, 12-6	3.1	31
7	Isoliquiritigenin inhibits the proliferation and induces the apoptosis of human non-small cell lung cancer A549 cells. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2004 , 31, 414-8	3	58
6	Prodelphinidin B-2 3,3Tdi-O-gallate from <i>Myrica rubra</i> inhibits proliferation of A549 carcinoma cells via blocking cell cycle progression and inducing apoptosis. <i>European Journal of Pharmacology</i> , 2004 , 501, 41-8	5.3	14
5	Acacetin inhibits the proliferation of Hep G2 by blocking cell cycle progression and inducing apoptosis. <i>Biochemical Pharmacology</i> , 2004 , 67, 823-9	6	76
4	Green tea constituent (-)-epigallocatechin-3-gallate inhibits Hep G2 cell proliferation and induces apoptosis through p53-dependent and Fas-mediated pathways. <i>Journal of Biomedical Science</i> , 2003 , 10, 219-27	13.3	47
3	Tetrandrine-induced cell cycle arrest and apoptosis in Hep G2 cells. <i>Life Sciences</i> , 2003 , 73, 243-52	6.8	50
2	The antiproliferative activity of aloe-emodin is through p53-dependent and p21-dependent apoptotic pathway in human hepatoma cell lines. <i>Life Sciences</i> , 2002 , 71, 1879-92	6.8	118
1	Resveratrol- induced apoptosis is mediated by p53-dependent pathway in Hep G2 cells. <i>Life Sciences</i> , 2002 , 72, 23-34	6.8	122