

Ajaikumar B Kunnumakkara

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.

184 papers	19,853 citations	59 h-index	140 g-index
204 ext. papers	23,189 ext. citations	5.6 avg, IF	6.86 L-index

#	Paper	IF	Citations
184	Calebin A, a Compound of Turmeric, Down-Regulates Inflammation in Tenocytes by NF- κ B/Scleraxis Signaling.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2
183	Loss of TIPE3 reduced the proliferation, survival and migration of lung cancer cells through inactivation of Akt/mTOR, NF- κ B, and STAT-3 signaling cascades.. <i>Life Sciences</i> , 2022 , 293, 120332	6.8	1
182	STAT3/HIF1A and EMT specific transcription factors regulated genes: Novel predictors of breast cancer metastasis.. <i>Gene</i> , 2022 , 818, 146245	3.8	0
181	Pulsed electric field (PEF): Avant-garde extraction escalation technology in food industry. <i>Trends in Food Science and Technology</i> , 2022 , 122, 238-255	15.3	3
180	An Overview of the Pharmacological Activities of Scopoletin against Different Chronic Diseases.. <i>Pharmacological Research</i> , 2022 , 106202	10.2	1
179	Nuclear receptors in oral cancer-emerging players in tumorigenesis.. <i>Cancer Letters</i> , 2022 , 215666	9.9	2
178	Tumor cell anabolism and host tissue catabolism-energetic inefficiency during cancer cachexia.. <i>Experimental Biology and Medicine</i> , 2022 , 15353702221087962	3.7	
177	Modulation of Inflammation by Plant-Derived Nutraceuticals in Tendinitis. <i>Nutrients</i> , 2022 , 14, 2030	6.7	0
176	Targeting Nuclear Receptors in Lung Cancer: Novel Therapeutic Prospects. <i>Pharmaceuticals</i> , 2022 , 15, 624	5.2	1
175	Synthesis of new selective cytotoxic ricinine analogues against oral squamous cell carcinoma. <i>Natural Product Research</i> , 2021 , 35, 2145-2156	2.3	4
174	Tumor necrosis factor- α -induced protein 8 (TNFAIP8/TIPE) family is differentially expressed in oral cancer and regulates tumorigenesis through Akt/mTOR/STAT3 signaling cascade. <i>Life Sciences</i> , 2021 , 287, 120118	6.8	2
173	Embelin: A novel XIAP inhibitor for the prevention and treatment of chronic diseases. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021 , e22950	3.4	2
172	A novel bioavailable curcumin-galactomannan complex modulates the genes responsible for the development of chronic diseases in mice: A RNA sequence analysis. <i>Life Sciences</i> , 2021 , 287, 120074	6.8	4
171	Tris(dibenzylideneacetone)dipalladium(0) (Tris DBA) Abrogates Tumor Progression in Hepatocellular Carcinoma and Multiple Myeloma Preclinical Models by Regulating the STAT3 Signaling Pathway. <i>Cancers</i> , 2021 , 13,	6.6	5
170	Exploring the Cytotoxic Effects of the Extracts and Bioactive Triterpenoids from against Oral Squamous Cell Carcinoma: A Scientific Interpretation and Validation of Indigenous Knowledge. <i>ACS Pharmacology and Translational Science</i> , 2021 , 4, 834-847	5.9	6
169	MicroRNAs as Modulators of Oral Tumorigenesis-A Focused Review. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	17
168	From Simple Mouth Cavities to Complex Oral Mucosal Disorders-Curcuminoids as a Promising Therapeutic Approach. <i>ACS Pharmacology and Translational Science</i> , 2021 , 4, 647-665	5.9	11

167	Human tumor necrosis factor alpha-induced protein eight-like 1 exhibited potent anti-tumor effect through modulation of proliferation, survival, migration and invasion of lung cancer cells. <i>Molecular and Cellular Biochemistry</i> , 2021 , 476, 3303-3318	4.2	5
166	Anti-proliferative and Apoptosis Induction Activity of Rhizome Extracts of Paris polyphylla Smith on Oral Cancer Cell. <i>Current Cancer Therapy Reviews</i> , 2021 , 17, 82-86	0.4	
165	Development of a Cleavable Biotin-Drug Conjugate Hydrogelator for the Controlled and Dual Delivery of Anticancer Drugs. <i>ChemistrySelect</i> , 2021 , 6, 3256-3261	1.8	1
164	Diagnostic, prognostic, and therapeutic significance of long non-coding RNA MALAT1 in cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021 , 1875, 188502	11.2	52
163	Long noncoding RNAs in triple-negative breast cancer: A new frontier in the regulation of tumorigenesis. <i>Journal of Cellular Physiology</i> , 2021 ,	7	16
162	Influence of a low-dose supplementation of curcumagalactomannoside complex (CurQfen) in knee osteoarthritis: A randomized, open-labeled, active-controlled clinical trial. <i>Phytotherapy Research</i> , 2021 , 35, 1443-1455	6.7	8
161	Rationalizing the therapeutic potential of apigenin against cancer. <i>Life Sciences</i> , 2021 , 267, 118814	6.8	20
160	Emerging roles of cardamonin, a multitargeted nutraceutical in the prevention and treatment of chronic diseases.. <i>Current Research in Pharmacology and Drug Discovery</i> , 2021 , 2, 100008	3	14
159	Differential roles of farnesoid X receptor (FXR) in modulating apoptosis in cancer cells. <i>Advances in Protein Chemistry and Structural Biology</i> , 2021 , 126, 63-90	5.3	1
158	Targeting Farnesoid X receptor (FXR) for developing novel therapeutics against cancer.. <i>Molecular Biomedicine</i> , 2021 , 2, 21	3.1	7
157	Evidence That Tumor Microenvironment Initiates Epithelial-To-Mesenchymal Transition and Calebin A can Suppress it in Colorectal Cancer Cells. <i>Frontiers in Pharmacology</i> , 2021 , 12, 699842	5.6	3
156	Xanthohumol from Hop: Hope for cancer prevention and treatment. <i>IUBMB Life</i> , 2021 , 73, 1016-1044	4.7	9
155	Current clinical developments in curcumin-based therapeutics for cancer and chronic diseases. <i>Phytotherapy Research</i> , 2021 ,	6.7	6
154	Multitargeting Effects of Calebin A on Malignancy of CRC Cells in Multicellular Tumor Microenvironment. <i>Frontiers in Oncology</i> , 2021 , 11, 650603	5.3	3
153	Azadiradione-loaded liposomes with improved bioavailability and anticancer efficacy against triple negative breast cancer. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 65, 102665	4.5	2
152	Potential of baicalein in the prevention and treatment of cancer: A scientometric analyses based review. <i>Journal of Functional Foods</i> , 2021 , 86, 104660	5.1	6
151	COVID-19, cytokines, inflammation, and spices: How are they related?. <i>Life Sciences</i> , 2021 , 284, 119201	6.8	15
150	Safety assessment of a highly bioavailable curcumin-galactomannoside complex (CurQfen) in healthy volunteers, with a special reference to the recent hepatotoxic reports of curcumin supplements: A 90-days prospective study. <i>Toxicology Reports</i> , 2021 , 8, 1255-1264	4.8	4

149	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , 2021 , 17, 1-382	10.2	440
148	Reiterating the Emergence of Noncoding RNAs as Regulators of the Critical Hallmarks of Gall Bladder Cancer.. <i>Biomolecules</i> , 2021 , 11,	5.9	2
147	Targeting AKT/mTOR in Oral Cancer: Mechanisms and Advances in Clinical Trials. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	59
146	Therapeutic Emergence of Rhein as a Potential Anticancer Drug: A Review of Its Molecular Targets and Anticancer Properties. <i>Molecules</i> , 2020 , 25,	4.8	38
145	Phytochemicals in cancer cell chemosensitization: Current knowledge and future perspectives. <i>Seminars in Cancer Biology</i> , 2020 ,	12.7	29
144	Formation and characterization of zinc oxide complexes in composite hydrogel films for potential wound healing applications. <i>Polymer Composites</i> , 2020 , 41, 2274-2287	3	7
143	Piceatannol: A natural stilbene for the prevention and treatment of cancer. <i>Pharmacological Research</i> , 2020 , 153, 104635	10.2	61
142	Preparation and characterization of cellulose-based nanocomposite hydrogel films containing CuO/Cu ₂ O/Cu with antibacterial activity. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 49216	2.9	10
141	Lessons to Be Learnt from Ayurveda 2020 , 199-222		3
140	Inflammation, NF- κ B, and Chronic Diseases: How are They Linked?. <i>Critical Reviews in Immunology</i> , 2020 , 40, 1-39	1.8	42
139	CHAPTER 7:Curcumin: A Potential Molecule for the Prevention and Treatment of Inflammatory Diseases. <i>Food Chemistry, Function and Analysis</i> , 2020 , 150-171	0.6	2
138	Isoform-Specific Role of Akt Kinase in Cancer and its Selective Targeting by Potential Anticancer Natural Agents. <i>Natural Products Journal</i> , 2020 , 10, 322-332	0.6	2
137	Potential of guggulsterone, a farnesoid X receptor antagonist, in the prevention and treatment of cancer. <i>Exploration of Targeted Anti-tumor Therapy</i> , 2020 , 1,	2.5	7
136	The vital role of ATP citrate lyase in chronic diseases. <i>Journal of Molecular Medicine</i> , 2020 , 98, 71-95	5.5	24
135	Antioxidant, Anti-inflammatory and Biosorption Properties of Starch Nanocrystals In Vitro Study: Cytotoxic and Phytotoxic Evaluation. <i>Journal of Cluster Science</i> , 2020 , 32, 1419	3	11
134	Orai-1 and Orai-2 regulate oral cancer cell migration and colonisation by suppressing Akt/mTOR/NF- κ B signalling. <i>Life Sciences</i> , 2020 , 261, 118372	6.8	9
133	Curcumagalactomannoside/Glucosamine Combination Improved Joint Health Among Osteoarthritic Subjects as Compared to Chondroitin Sulfate/Glucosamine: Double-Blinded, Randomized Controlled Study. <i>Journal of Alternative and Complementary Medicine</i> , 2020 , 26, 945-955	2.4	7
132	Diosgenin, a steroidal saponin, and its analogs: Effective therapies against different chronic diseases. <i>Life Sciences</i> , 2020 , 260, 118182	6.8	42

131	Targeting NF- κ B Signaling by Calebin A, a Compound of Turmeric, in Multicellular Tumor Microenvironment: Potential Role of Apoptosis Induction in CRC Cells. <i>Biomedicines</i> , 2020 , 8,	4.8	27
130	Inflection of Akt/mTOR/STAT-3 cascade in TNF- α -induced protein 8 mediated human lung carcinogenesis. <i>Life Sciences</i> , 2020 , 262, 118475	6.8	7
129	Calebin A Potentiates the Effect of 5-FU and TNF- α /Lymphotoxin β against Human Colorectal Cancer Cells: Potential Role of NF- κ B. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	24
128	An Update on Pharmacological Potential of Boswellic Acids against Chronic Diseases. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	76
127	Acujoint [®] a highly efficient formulation with natural bioactive compounds, exerts potent anti-arthritis effects in human osteoarthritis A pilot randomized double blind clinical study compared to combination of glucosamine and chondroitin. <i>Journal of Herbal Medicine</i> , 2019 , 17-18, 100276	2.3	6
126	Honokiol for cancer therapeutics: A traditional medicine that can modulate multiple oncogenic targets. <i>Pharmacological Research</i> , 2019 , 144, 192-209	10.2	86
125	The Chemistry and Biological Activities of Curcuminoids: Impacts on Neurological Disorders 2019 , 105-127		1
124	Microwave-assisted synthesis of cellulose/zinc-sulfate-calcium-phosphate (ZSCAP) nanocomposites for biomedical applications. <i>Materials Science and Engineering C</i> , 2019 , 100, 535-543	8.3	10
123	Cancer drug development: The missing links. <i>Experimental Biology and Medicine</i> , 2019 , 244, 663-689	3.7	33
122	Induction of the Epithelial-to-Mesenchymal Transition of Human Colorectal Cancer by Human TNF- α /Lymphotoxin) and its Reversal by Resveratrol. <i>Nutrients</i> , 2019 , 11,	6.7	37
121	Is curcumin bioavailability a problem in humans: lessons from clinical trials. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2019 , 15, 705-733	5.5	94
120	Isoform-Specific Role of Akt in Oral Squamous Cell Carcinoma. <i>Biomolecules</i> , 2019 , 9,	5.9	26
119	Upside and Downside of Tumor Necrosis Factor Blockers for Treatment of Immune/Inflammatory Diseases. <i>Critical Reviews in Immunology</i> , 2019 , 39, 439-479	1.8	12
118	In silico Molecular Modelling of Selected Natural Ligands and their Binding Features with Estrogen Receptor Alpha. <i>Current Computer-Aided Drug Design</i> , 2019 , 15, 89-96	1.4	11
117	An Investigation on the Therapeutic Potential of Butein, A Tetrahydroxychalcone Against Human Oral Squamous Cell Carcinoma. <i>Asian Pacific Journal of Cancer Prevention</i> , 2019 , 20, 3437-3446	1.7	23
116	FBXW7 in Cancer: What Has Been Unraveled Thus Far?. <i>Cancers</i> , 2019 , 11,	6.6	77
115	Potential of Zerumbone as an Anti-Cancer Agent. <i>Molecules</i> , 2019 , 24,	4.8	60
114	Evidence That Calebin A, a Component of Suppresses NF- κ B Mediated Proliferation, Invasion and Metastasis of Human Colorectal Cancer Induced by TNF- α /Lymphotoxin). <i>Nutrients</i> , 2019 , 11,	6.7	31

113	TIPE2 Induced the Proliferation, Survival, and Migration of Lung Cancer Cells Through Modulation of Akt/mTOR/NF- κ B Signaling Cascade. <i>Biomolecules</i> , 2019 , 9,	5.9	26
112	Vietnamese coriander inhibits cell proliferation, survival and migration via suppression of Akt/mTOR pathway in oral squamous cell carcinoma. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2019 , 31,	1.6	15
111	Potential application of zerumbone in the prevention and therapy of chronic human diseases. <i>Journal of Functional Foods</i> , 2019 , 53, 248-258	5.1	27
110	A novel bioavailable hydrogenated curcuminoids formulation (CuroWhite) [®] improves symptoms and diagnostic indicators in rheumatoid arthritis patients - A randomized, double blind and placebo controlled study. <i>Journal of Traditional and Complementary Medicine</i> , 2019 , 9, 346-352	4.6	17
109	Non-Curcuminoids from Turmeric and Their Potential in Cancer Therapy and Anticancer Drug Delivery Formulations. <i>Biomolecules</i> , 2019 , 9,	5.9	40
108	Targeting I κ B kinases for cancer therapy. <i>Seminars in Cancer Biology</i> , 2019 , 56, 12-24	12.7	27
107	Tocotrienols: The promising analogues of vitamin E for cancer therapeutics. <i>Pharmacological Research</i> , 2018 , 130, 259-272	10.2	71
106	Acorus calamus: a bio-reserve of medicinal values. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2018 , 29, 107-122	1.6	23
105	Novel AKT1 mutations associated with cell-cycle abnormalities in gastric carcinoma. <i>Personalized Medicine</i> , 2018 , 15, 79-86	2.2	6
104	Different Chemosensitization Approaches in Gastric Cancer 2018 , 267-319		1
103	Alarming Burden of Triple-Negative Breast Cancer in India. <i>Clinical Breast Cancer</i> , 2018 , 18, e393-e399	3	63
102	Novel tumor necrosis factor-induced protein eight (TNFAIP8/TIPE) family: Functions and downstream targets involved in cancer progression. <i>Cancer Letters</i> , 2018 , 432, 260-271	9.9	68
101	Googling the Guggul (Commiphora and Boswellia) for Prevention of Chronic Diseases. <i>Frontiers in Pharmacology</i> , 2018 , 9, 686	5.6	46
100	NGAL is Downregulated in Oral Squamous Cell Carcinoma and Leads to Increased Survival, Proliferation, Migration and Chemoresistance. <i>Cancers</i> , 2018 , 10,	6.6	47
99	Possible use of Punica granatum (Pomegranate) in cancer therapy. <i>Pharmacological Research</i> , 2018 , 133, 53-64	10.2	77
98	Chronic diseases, inflammation, and spices: how are they linked?. <i>Journal of Translational Medicine</i> , 2018 , 16, 14	8.5	139
97	Magnolol: A Neolignan from the Magnolia Family for the Prevention and Treatment of Cancer. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	76
96	The Potential of Curcumin: A Multitargeting Agent in Cancer Cell Chemosensitization 2018 , 31-60		15

95	Cancer Cell Chemoresistance: A Prime Obstacle in Cancer Therapy 2018 , 15-49		4
94	Mechanism of Chemoresistance in Bone Cancer and Different Chemosensitization Approaches 2018 , 81-106		2
93	Chemoresistance in Brain Cancer and Different Chemosensitization Approaches 2018 , 107-127		3
92	Different Approaches to Overcome Chemoresistance in Esophageal Cancer 2018 , 241-266		2
91	Different Chemosensitization Approaches for the Effective Management of HNSCC 2018 , 399-423		3
90	Pleiotropic Effect of Mahanine and Girinimbine Analogs: Anticancer Mechanism and its Therapeutic Versatility. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018 , 18, 1983-1990	2.2	1
89	Therapeutic potential of gambogic acid, a caged xanthone, to target cancer. <i>Cancer Letters</i> , 2018 , 416, 75-86	9.9	78
88	Potent anti-proliferative activities of organochalcogenocyanates towards breast cancer. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 8769-8782	3.9	11
87	Introduction and Basic Concepts of Cancer 2018 , 1-13		1
86	Inflammation, a Double-Edge Sword for Cancer and Other Age-Related Diseases. <i>Frontiers in Immunology</i> , 2018 , 9, 2160	8.4	96
85	Development of Validated Methods and Quantification of Curcuminoids and Curcumin Metabolites and Their Pharmacokinetic Study of Oral Administration of Complete Natural Turmeric Formulation (Cureit) in Human Plasma via UPLC/ESI-Q-TOF-MS Spectrometry. <i>Molecules</i> , 2018 , 23,	4.8	32
84	TIPE Family of Proteins and Its Implications in Different Chronic Diseases. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	39
83	Sorcin a Potential Molecular Target for Cancer Therapy. <i>Translational Oncology</i> , 2018 , 11, 1379-1389	4.9	34
82	Nature-inspired development of unnatural meroterpenoids as the non-toxic anti-colon cancer agents. <i>European Journal of Medicinal Chemistry</i> , 2018 , 160, 256-265	6.8	9
81	Different Methods to Inhibit Chemoresistance in Hepatocellular Carcinoma 2018 , 373-398		2
80	Natural sports supplement formulation for physical endurance: a randomized, double-blind, placebo-controlled study. <i>Sport Sciences for Health</i> , 2017 , 13, 183-194	1.3	7
79	Cancer [An Overview and Molecular Alterations in Cancer 2017 , 1-15		1
78	Therapeutic implications of toll-like receptors in peripheral neuropathic pain. <i>Pharmacological Research</i> , 2017 , 115, 224-232	10.2	39

77	Butein in health and disease: A comprehensive review. <i>Phytomedicine</i> , 2017 , 25, 118-127	6.5	78
76	Comparative Oral Absorption of Curcumin in a Natural Turmeric Matrix with Two Other Curcumin Formulations: An Open-label Parallel-arm Study. <i>Phytotherapy Research</i> , 2017 , 31, 1883-1891	6.7	46
75	A Novel Highly Bioavailable Curcumin Formulation Improves Symptoms and Diagnostic Indicators in Rheumatoid Arthritis Patients: A Randomized, Double-Blind, Placebo-Controlled, Two-Dose, Three-Arm, and Parallel-Group Study. <i>Journal of Medicinal Food</i> , 2017 , 20, 1022-1030	2.8	86
74	Antiulcer properties of fruits and vegetables: A mechanism based perspective. <i>Food and Chemical Toxicology</i> , 2017 , 108, 104-119	4.7	44
73	Curcumin mediates anticancer effects by modulating multiple cell signaling pathways. <i>Clinical Science</i> , 2017 , 131, 1781-1799	6.5	193
72	Neem (<i>Azadirachta indica</i>): An indian traditional panacea with modern molecular basis. <i>Phytomedicine</i> , 2017 , 34, 14-20	6.5	79
71	Recent development of targeted approaches for the treatment of breast cancer. <i>Breast Cancer</i> , 2017 , 24, 191-219	3.4	28
70	Curcumin, the Holistic Avant-Garde 2017 , 343-349		2
69	Curcumin, the golden nutraceutical: multitargeting for multiple chronic diseases. <i>British Journal of Pharmacology</i> , 2017 , 174, 1325-1348	8.6	476
68	Cancer Biomarkers: Important Tools for Cancer Diagnosis and Prognosis 2017 , 1-29		0
67	Nuclear Factor Kappa B: A Potential Target to Persecute Head and Neck Cancer. <i>Current Drug Targets</i> , 2017 , 18, 232-253	3	30
66	Specific Targeting of Akt Kinase Isoforms: Taking the Precise Path for Prevention and Treatment of Cancer. <i>Current Drug Targets</i> , 2017 , 18, 421-435	3	39
65	NF- κ B Blockers Gifted by Mother Nature: Prospectives in Cancer Cell Chemosensitization. <i>Current Pharmaceutical Design</i> , 2016 , 22, 4173-200	3.3	34
64	Multi-Targeted Agents in Cancer Cell Chemosensitization: What We Learnt from Curcumin Thus Far. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2016 , 11, 67-97	2.6	66
63	Anticancer Activity of <i>Garcinia morella</i> on T-Cell Murine Lymphoma Via Apoptotic Induction. <i>Frontiers in Pharmacology</i> , 2016 , 7, 3	5.6	25
62	The potential role of boswellic acids in cancer prevention and treatment. <i>Cancer Letters</i> , 2016 , 377, 74-86	9.9	75
61	Cancer Preventive and Therapeutic Properties of Fruits and Vegetables: An Overview 2015 , 1-52		3
60	Prostate Cancer: How Helpful are Natural Agents for Prevention? 2015 , 251-275		

59	Cyperus rotundus L. prevents non-steroidal anti-inflammatory drug-induced gastric mucosal damage by inhibiting oxidative stress. <i>Journal of Basic and Clinical Physiology and Pharmacology</i> , 2015 , 26, 485-90	1.6	30
58	Potential of butein, a tetrahydrochalcone to obliterate cancer. <i>Phytomedicine</i> , 2015 , 22, 1163-71	6.5	46
57	Recent discoveries and developments of androgen receptor based therapy for prostate cancer. <i>MedChemComm</i> , 2015 , 6, 746-768	5	15
56	ATP citrate lyase (ACLY): a promising target for cancer prevention and treatment. <i>Current Drug Targets</i> , 2015 , 16, 156-63	3	76
55	Inhibition of lung tumorigenesis by metformin is associated with decreased plasma IGF-I and diminished receptor tyrosine kinase signaling. <i>Cancer Prevention Research</i> , 2013 , 6, 801-10	3.2	57
54	Zyflamend suppresses growth and sensitizes human pancreatic tumors to gemcitabine in an orthotopic mouse model through modulation of multiple targets. <i>International Journal of Cancer</i> , 2012 , 131, E292-303	7.5	35
53	Suppression of pro-inflammatory and proliferative pathways by diferuloylmethane (curcumin) and its analogues dibenzoylmethane, dibenzoylpropane, and dibenzylideneacetone: role of Michael acceptors and Michael donors. <i>Biochemical Pharmacology</i> , 2011 , 82, 1901-9	6	29
52	Effect of low-fat diets on plasma levels of NF- κ B-regulated inflammatory cytokines and angiogenic factors in men with prostate cancer. <i>Cancer Prevention Research</i> , 2011 , 4, 1590-8	3.2	38
51	Targeting Inflammatory Pathways by Nutraceuticals for Prevention and Treatment of Arthritis 2011 , 295-323		
50	{Gamma}-tocotrienol inhibits pancreatic tumors and sensitizes them to gemcitabine treatment by modulating the inflammatory microenvironment. <i>Cancer Research</i> , 2010 , 70, 8695-705	10.1	104
49	A novel small-molecule inhibitor of protein kinase D blocks pancreatic cancer growth in vitro and in vivo. <i>Molecular Cancer Therapeutics</i> , 2010 , 9, 1136-46	6.1	116
48	Design of curcumin-loaded PLGA nanoparticles formulation with enhanced cellular uptake, and increased bioactivity in vitro and superior bioavailability in vivo. <i>Biochemical Pharmacology</i> , 2010 , 79, 330-8	6	457
47	Resveratrol, a multitargeted agent, can enhance antitumor activity of gemcitabine in vitro and in orthotopic mouse model of human pancreatic cancer. <i>International Journal of Cancer</i> , 2010 , 127, 257-68	7.5	140
46	Expression of nuclear transcription factor kappa B in locally advanced human cervical cancer treated with definitive chemoradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010 , 78, 1331-6	4	16
45	Boswellic acid blocks signal transducers and activators of transcription 3 signaling, proliferation, and survival of multiple myeloma via the protein tyrosine phosphatase SHP-1. <i>Molecular Cancer Research</i> , 2009 , 7, 118-28	6.6	99
44	Curcumin sensitizes human colorectal cancer to capecitabine by modulation of cyclin D1, COX-2, MMP-9, VEGF and CXCR4 expression in an orthotopic mouse model. <i>International Journal of Cancer</i> , 2009 , 125, 2187-97	7.5	157
43	Curcumin and colorectal cancer: Add spice to your life. <i>Current Colorectal Cancer Reports</i> , 2009 , 5, 5-14	1	7
42	Butanol fraction containing berberine or related compound from nexrutine inhibits NF κ B signaling and induces apoptosis in prostate cancer cells. <i>Prostate</i> , 2009 , 69, 494-504	4.2	45

41	Signal transducer and activator of transcription-3, inflammation, and cancer: how intimate is the relationship?. <i>Annals of the New York Academy of Sciences</i> , 2009 , 1171, 59-76	6.5	517
40	Targeting TNF for Treatment of Cancer and Autoimmunity. <i>Advances in Experimental Medicine and Biology</i> , 2009 , 647, 37-51	3.6	83
39	Curcumin circumvents chemoresistance in vitro and potentiates the effect of thalidomide and bortezomib against human multiple myeloma in nude mice model. <i>Molecular Cancer Therapeutics</i> , 2009 , 8, 959-70	6.1	120
38	Kokum (Garcinol) 2009 , 281-309		2
37	Modification of the cysteine residues in IkappaBalpha kinase and NF-kappaB (p65) by xanthohumol leads to suppression of NF-kappaB-regulated gene products and potentiation of apoptosis in leukemia cells. <i>Blood</i> , 2009 , 113, 2003-13	2.2	132
36	Traditional Uses of Spices: An Overview 2009 , 1-24		11
35	Molecular Targets and Therapeutic Uses of Spices 2009 ,		12
34	Mint and Its Constituents 2009 , 373-401		6
33	Nuclear Factor- B and Chemoresistance: How Intertwined Are They? 2009 , 177-208		
32	Probiotic Lactobacillus reuteri promotes TNF-induced apoptosis in human myeloid leukemia-derived cells by modulation of NF-kappaB and MAPK signalling. <i>Cellular Microbiology</i> , 2008 , 10, 1442-52	3.9	162
31	Curcumin as "Curecumin": from kitchen to clinic. <i>Biochemical Pharmacology</i> , 2008 , 75, 787-809	6	1537
30	SH-5, an AKT inhibitor potentiates apoptosis and inhibits invasion through the suppression of anti-apoptotic, proliferative and metastatic gene products regulated by IkappaBalpha kinase activation. <i>Biochemical Pharmacology</i> , 2008 , 76, 1404-16	6	29
29	Biological activities of curcumin and its analogues (Congeners) made by man and Mother Nature. <i>Biochemical Pharmacology</i> , 2008 , 76, 1590-611	6	852
28	Curcumin inhibits proliferation, invasion, angiogenesis and metastasis of different cancers through interaction with multiple cell signaling proteins. <i>Cancer Letters</i> , 2008 , 269, 199-225	9.9	818
27	Curcumin and cancer: an "old-age" disease with an "age-old" solution. <i>Cancer Letters</i> , 2008 , 267, 133-64	9.9	819
26	Phase II trial of curcumin in patients with advanced pancreatic cancer. <i>Clinical Cancer Research</i> , 2008 , 14, 4491-9	12.9	997
25	Berberine modifies cysteine 179 of IkappaBalpha kinase, suppresses nuclear factor-kappaB-regulated antiapoptotic gene products, and potentiates apoptosis. <i>Cancer Research</i> , 2008 , 68, 5370-9	10.1	148
24	Therapeutic significance of elevated tissue transglutaminase expression in pancreatic cancer. <i>Clinical Cancer Research</i> , 2008 , 14, 2476-83	12.9	83

23	Modification of cysteine residue in p65 subunit of nuclear factor-kappaB (NF-kappaB) by picroliv suppresses NF-kappaB-regulated gene products and potentiates apoptosis. <i>Cancer Research</i> , 2008 , 68, 8861-70	10.1	51
22	Neutrophil gelatinase-associated lipocalin: a novel suppressor of invasion and angiogenesis in pancreatic cancer. <i>Cancer Research</i> , 2008 , 68, 6100-8	10.1	125
21	Curcumin sensitizes human colorectal cancer xenografts in nude mice to gamma-radiation by targeting nuclear factor-kappaB-regulated gene products. <i>Clinical Cancer Research</i> , 2008 , 14, 2128-36	12.9	178
20	Coronarin D, a labdane diterpene, inhibits both constitutive and inducible nuclear factor-kappa B pathway activation, leading to potentiation of apoptosis, inhibition of invasion, and suppression of osteoclastogenesis. <i>Molecular Cancer Therapeutics</i> , 2008 , 7, 3306-17	6.1	60
19	Potential of spice-derived phytochemicals for cancer prevention. <i>Planta Medica</i> , 2008 , 74, 1560-9	3.1	184
18	Cancer is a preventable disease that requires major lifestyle changes. <i>Pharmaceutical Research</i> , 2008 , 25, 2097-116	4.5	1200
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16	Bioavailability of curcumin: problems and promises. <i>Molecular Pharmaceutics</i> , 2007 , 4, 807-18	5.6	3306
15	Role of pro-oxidants and antioxidants in the anti-inflammatory and apoptotic effects of curcumin (diferuloylmethane). <i>Free Radical Biology and Medicine</i> , 2007 , 43, 568-80	7.8	207
14	Butein, a tetrahydroxychalcone, inhibits nuclear factor (NF)-kappaB and NF-kappaB-regulated gene expression through direct inhibition of IkappaBalpha kinase beta on cysteine 179 residue. <i>Journal of Biological Chemistry</i> , 2007 , 282, 17340-50	5.4	147
13	Curcumin potentiates antitumor activity of gemcitabine in an orthotopic model of pancreatic cancer through suppression of proliferation, angiogenesis, and inhibition of nuclear factor-kappaB-regulated gene products. <i>Cancer Research</i> , 2007 , 67, 3853-61	10.1	520
12	Gambogic acid, a novel ligand for transferrin receptor, potentiates TNF-induced apoptosis through modulation of the nuclear factor-kappaB signaling pathway. <i>Blood</i> , 2007 , 110, 3517-25	2.2	220
11	Gossypin, a pentahydroxy glucosyl flavone, inhibits the transforming growth factor beta-activated kinase-1-mediated NF-kappaB activation pathway, leading to potentiation of apoptosis, suppression of invasion, and abrogation of osteoclastogenesis. <i>Blood</i> , 2007 , 109, 5112-21	2.2	53
10	Natural products as a gold mine for arthritis treatment. <i>Current Opinion in Pharmacology</i> , 2007 , 7, 344-51	5.1	267
9	Curcumin inhibits tumor growth and angiogenesis in ovarian carcinoma by targeting the nuclear factor-kappaB pathway. <i>Clinical Cancer Research</i> , 2007 , 13, 3423-30	12.9	337
8	Curcumin and pancreatic cancer: Phase II clinical trial experience. <i>Journal of Clinical Oncology</i> , 2007 , 25, 4599-4599	2.2	8
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