Ajaikumar B Kunnumakkara

List of Publications by Citations

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	Bioavailability of curcumin: problems and promises. *Molecular Pharmaceutics*, **2007**, 4, 807-18	5.6	3306
183	Curcumin as "Curecumin": from kitchen to clinic. *Biochemical Pharmacology*, **2008**, 75, 787-809	6	1537
182	Cancer is a preventable disease that requires major lifestyle changes. *Pharmaceutical Research*, **2008**, 25, 2097-116	4.5	1200
181	Phase II trial of curcumin in patients with advanced pancreatic cancer. *Clinical Cancer Research*, **2008**, 14, 4491-9	12.9	997
180	Biological activities of curcumin and its analogues (Congeners) made by man and Mother Nature. *Biochemical Pharmacology*, **2008**, 76, 1590-611	6	852
179	Curcumin and cancer: an "old-age" disease with an "age-old" solution. *Cancer Letters*, **2008**, 267, 133-64	9.9	819
178	Curcumin inhibits proliferation, invasion, angiogenesis and metastasis of different cancers through interaction with multiple cell signaling proteins. *Cancer Letters*, **2008**, 269, 199-225	9.9	818
177	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. *Cancer Research*, **2007**, 67, 3853-61	10.1	520
176	Signal transducer and activator of transcription-3, inflammation, and cancer: how intimate is the relationship?. *Annals of the New York Academy of Sciences*, **2009**, 1171, 59-76	6.5	517
175	Curcumin, the golden nutraceutical: multitargeting for multiple chronic diseases. *British Journal of Pharmacology*, **2017**, 174, 1325-1348	8.6	476
174	Design of curcumin-loaded PLGA nanoparticles formulation with enhanced cellular uptake, and increased bioactivity in vitro and superior bioavailability in vivo. *Biochemical Pharmacology*, **2010**, 79, 330-8	6	457
173	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). *Autophagy*, **2021**, 17, 1-382	10.2	440
172	Targeting signal-transducer-and-activator-of-transcription-3 for prevention and therapy of cancer: modern target but ancient solution. *Annals of the New York Academy of Sciences*, **2006**, 1091, 151-69	6.5	368
171	Curcumin inhibits tumor growth and angiogenesis in ovarian carcinoma by targeting the nuclear factor-kappaB pathway. *Clinical Cancer Research*, **2007**, 13, 3423-30	12.9	337
170	Natural products as a gold mine for arthritis treatment. *Current Opinion in Pharmacology*, **2007**, 7, 344-51	5.1	267
169	Gambogic acid, a novel ligand for transferrin receptor, potentiates TNF-induced apoptosis through modulation of the nuclear factor-kappaB signaling pathway. *Blood*, **2007**, 110, 3517-25	2.2	220
168	Role of pro-oxidants and antioxidants in the anti-inflammatory and apoptotic effects of curcumin (diferuloylmethane). *Free Radical Biology and Medicine*, **2007**, 43, 568-80	7.8	207

167	Curcumin mediates anticancer effects by modulating multiple cell signaling pathways. *Clinical Science*, **2017**, 131, 1781-1799	6.5	193
166	Potential of spice-derived phytochemicals for cancer prevention. *Planta Medica*, **2008**, 74, 1560-9	3.1	184
165	Curcumin sensitizes human colorectal cancer xenografts in nude mice to gamma-radiation by targeting nuclear factor-kappaB-regulated gene products. *Clinical Cancer Research*, **2008**, 14, 2128-36	12.9	178
164	Capsaicin is a novel blocker of constitutive and interleukin-6-inducible STAT3 activation. *Clinical Cancer Research*, **2007**, 13, 3024-32	12.9	166
163	Overexpression of tissue transglutaminase leads to constitutive activation of nuclear factor-kappaB in cancer cells: delineation of a novel pathway. *Cancer Research*, **2006**, 66, 8788-95	10.1	166
162	Probiotic Lactobacillus reuteri promotes TNF-induced apoptosis in human myeloid leukemia-derived cells by modulation of NF-kappaB and MAPK signalling. *Cellular Microbiology*, **2008**, 10, 1442-52	3.9	162
161	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. *International Journal of Cancer*, **2009**, 125, 2187-97	7.5	157
160	Berberine modifies cysteine 179 of IkappaBalpha kinase, suppresses nuclear factor-kappaB-regulated antiapoptotic gene products, and potentiates apoptosis. *Cancer Research*, **2008**, 68, 5370-9	10.1	148
159	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. *Journal of Biological Chemistry*, **2007**, 282, 17340-50	5.4	147
158	Resveratrol, a multitargeted agent, can enhance antitumor activity of gemcitabine in vitro and in orthotopic mouse model of human pancreatic cancer. *International Journal of Cancer*, **2010**, 127, 257-68	7.5	140
157	Chronic diseases, inflammation, and spices: how are they linked?. *Journal of Translational Medicine*, **2018**, 16, 14	8.5	139
156	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. *Blood*, **2009**, 113, 2003-13	2.2	132
155	Neutrophil gelatinase-associated lipocalin: a novel suppressor of invasion and angiogenesis in pancreatic cancer. *Cancer Research*, **2008**, 68, 6100-8	10.1	125
154	The inhibition of gastric mucosal injury by Punicagranatum L. (pomegranate) methanolic extract. *Journal of Ethnopharmacology*, **2005**, 96, 171-6	5	122
153	Curcumin circumvents chemoresistance in vitro and potentiates the effect of thalidomide and bortezomib against human multiple myeloma in nude mice model. *Molecular Cancer Therapeutics*, **2009**, 8, 959-70	6.1	120
152	A novel small-molecule inhibitor of protein kinase D blocks pancreatic cancer growth in vitro and in vivo. *Molecular Cancer Therapeutics*, **2010**, 9, 1136-46	6.1	116
151	Facile synthesis of active antitubercular, cytotoxic and antibacterial agents: a Michael addition approach. *European Journal of Medicinal Chemistry*, **2005**, 40, 1143-8	6.8	110
150	{Gamma}-tocotrienol inhibits pancreatic tumors and sensitizes them to gemcitabine treatment by modulating the inflammatory microenvironment. *Cancer Research*, **2010**, 70, 8695-705	10.1	104

149	Boswellic acid blocks signal transducers and activators of transcription 3 signaling, proliferation, and survival of multiple myeloma via the protein tyrosine phosphatase SHP-1. *Molecular Cancer Research*, **2009**, 7, 118-28	6.6	99
148	Deguelin, an Akt inhibitor, suppresses IkappaBalpha kinase activation leading to suppression of NF-kappaB-regulated gene expression, potentiation of apoptosis, and inhibition of cellular invasion. *Journal of Immunology*, **2006**, 177, 5612-22	5.3	99
147	Inflammation, a Double-Edge Sword for Cancer and Other Age-Related Diseases. *Frontiers in Immunology*, **2018**, 9, 2160	8.4	96
146	Is curcumin bioavailability a problem in humans: lessons from clinical trials. *Expert Opinion on Drug Metabolism and Toxicology*, **2019**, 15, 705-733	5.5	94
145	Honokiol for cancer therapeutics: A traditional medicine that can modulate multiple oncogenic targets. *Pharmacological Research*, **2019**, 144, 192-209	10.2	86
144	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. *Journal of Medicinal Food*, **2017**, 20, 1022-1030	2.8	86
143	Targeting TNF for Treatment of Cancer and Autoimmunity. *Advances in Experimental Medicine and Biology*, **2009**, 647, 37-51	3.6	83
142	Therapeutic significance of elevated tissue transglutaminase expression in pancreatic cancer. *Clinical Cancer Research*, **2008**, 14, 2476-83	12.9	83
141	Neem (Azadirachta indica): An indian traditional panacea with modern molecular basis. *Phytomedicine*, **2017**, 34, 14-20	6.5	79
140	Butein in health and disease: A comprehensive review. *Phytomedicine*, **2017**, 25, 118-127	6.5	78
139	Therapeutic potential of gambogic acid, a caged xanthone, to target cancer. *Cancer Letters*, **2018**, 416, 75-86	9.9	78
138	Possible use of Punica granatum (Pomegranate) in cancer therapy. *Pharmacological Research*, **2018**, 133, 53-64	10.2	77
137	FBXW7 in Cancer: What Has Been Unraveled Thus Far?. *Cancers*, **2019**, 11,	6.6	77
136	An Update on Pharmacological Potential of Boswellic Acids against Chronic Diseases. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	76
135	Magnolol: A Neolignan from the Magnolia Family for the Prevention and Treatment of Cancer. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	76
134	ATP citrate lyase (ACLY): a promising target for cancer prevention and treatment. *Current Drug Targets*, **2015**, 16, 156-63	3	76
133	The potential role of boswellic acids in cancer prevention and treatment. *Cancer Letters*, **2016**, 377, 74-86	9.9	75
132	Tocotrienols: The promising analogues of vitamin E for cancer therapeutics. *Pharmacological Research*, **2018**, 130, 259-272	10.2	71

131	Novel tumor necrosis factor-induced protein eight (TNFAIP8/TIPE) family: Functions and downstream targets involved in cancer progression. *Cancer Letters*, **2018**, 432, 260-271	9.9	68
130	Multi-Targeted Agents in Cancer Cell Chemosensitization: What We Learnt from Curcumin Thus Far. *Recent Patents on Anti-Cancer Drug Discovery*, **2016**, 11, 67-97	2.6	66
129	Alarming Burden of Triple-Negative Breast Cancer in India. *Clinical Breast Cancer*, **2018**, 18, e393-e399	3	63
128	Piceatannol: A natural stilbene for the prevention and treatment of cancer. *Pharmacological Research*, **2020**, 153, 104635	10.2	61
127	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. *Molecular Cancer Therapeutics*, **2008**, 7, 3306-17	6.1	60
126	Potential of Zerumbone as an Anti-Cancer Agent. *Molecules*, **2019**, 24,	4.8	60
125	Targeting AKT/mTOR in Oral Cancer: Mechanisms and Advances in Clinical Trials. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	59
124	Inhibition of lung tumorigenesis by metformin is associated with decreased plasma IGF-I and diminished receptor tyrosine kinase signaling. *Cancer Prevention Research*, **2013**, 6, 801-10	3.2	57
123	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. *Blood*, **2007**, 109, 5112-21	2.2	53
122	Diagnostic, prognostic, and therapeutic significance of long non-coding RNA MALAT1 in cancer. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2021**, 1875, 188502	11.2	52
121	Modification of cysteine residue in p65 subunit of nuclear factor-kappaB (NF-kappaB) by piceliv suppresses NF-kappaB-regulated gene products and potentiates apoptosis. *Cancer Research*, **2008**, 68, 8861-70	10.1	51
120	NGAL is Downregulated in Oral Squamous Cell Carcinoma and Leads to Increased Survival, Proliferation, Migration and Chemoresistance. *Cancers*, **2018**, 10,	6.6	47
119	Comparative Oral Absorption of Curcumin in a Natural Turmeric Matrix with Two Other Curcumin Formulations: An Open-label Parallel-arm Study. *Phytotherapy Research*, **2017**, 31, 1883-1891	6.7	46
118	Googling the Guggul (Commiphora and Boswellia) for Prevention of Chronic Diseases. *Frontiers in Pharmacology*, **2018**, 9, 686	5.6	46
117	Potential of butein, a tetrahydroxychalcone to obliterate cancer. *Phytomedicine*, **2015**, 22, 1163-71	6.5	46
116	Butanol fraction containing berberine or related compound from nexrutine inhibits NFkappaB signaling and induces apoptosis in prostate cancer cells. *Prostate*, **2009**, 69, 494-504	4.2	45
115	Antiulcer properties of fruits and vegetables: A mechanism based perspective. *Food and Chemical Toxicology*, **2017**, 108, 104-119	4.7	44
114	Inflammation, NF-B, and Chronic Diseases: How are They Linked?. *Critical Reviews in Immunology*, **2020**, 40, 1-39	1.8	42

113	Diosgenin, a steroidal saponin, and its analogs: Effective therapies against different chronic diseases. *Life Sciences*, **2020**, 260, 118182	6.8	42
112	Non-Curcuminoids from Turmeric and Their Potential in Cancer Therapy and Anticancer Drug Delivery Formulations. *Biomolecules*, **2019**, 9,	5.9	40
111	Therapeutic implications of toll-like receptors in peripheral neuropathic pain. *Pharmacological Research*, **2017**, 115, 224-232	10.2	39
110	Specific Targeting of Akt Kinase Isoforms: Taking the Precise Path for Prevention and Treatment of Cancer. *Current Drug Targets*, **2017**, 18, 421-435	3	39
109	TIPE Family of Proteins and Its Implications in Different Chronic Diseases. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	39
108	Therapeutic Emergence of Rhein as a Potential Anticancer Drug: A Review of Its Molecular Targets and Anticancer Properties. *Molecules*, **2020**, 25,	4.8	38
107	Effect of low-fat diets on plasma levels of NF-B-regulated inflammatory cytokines and angiogenic factors in men with prostate cancer. *Cancer Prevention Research*, **2011**, 4, 1590-8	3.2	38
106	Induction of the Epithelial-to-Mesenchymal Transition of Human Colorectal Cancer by Human TNF- (Lymphotoxin) and its Reversal by Resveratrol. *Nutrients*, **2019**, 11,	6.7	37
105	Zyflamend suppresses growth and sensitizes human pancreatic tumors to gemcitabine in an orthotopic mouse model through modulation of multiple targets. *International Journal of Cancer*, **2012**, 131, E292-303	7.5	35
104	NF-B Blockers Gifted by Mother Nature: Prospectives in Cancer Cell Chemosensitization. *Current Pharmaceutical Design*, **2016**, 22, 4173-200	3.3	34
103	Sorcin a Potential Molecular Target for Cancer Therapy. *Translational Oncology*, **2018**, 11, 1379-1389	4.9	34
102	Cancer drug development: The missing links. *Experimental Biology and Medicine*, **2019**, 244, 663-689	3.7	33
101	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. *Molecules*, **2018**, 23,	4.8	32
100	Evidence That Calebin A, a Component of Suppresses NF-B Mediated Proliferation, Invasion and Metastasis of Human Colorectal Cancer Induced by TNF- (Lymphotoxin). *Nutrients*, **2019**, 11,	6.7	31
99	Cyperus rotundus L. prevents non-steroidal anti-inflammatory drug-induced gastric mucosal damage by inhibiting oxidative stress. *Journal of Basic and Clinical Physiology and Pharmacology*, **2015**, 26, 485-90	1.6	30
98	Nuclear Factor Kappa B: A Potential Target to Persecute Head and Neck Cancer. *Current Drug Targets*, **2017**, 18, 232-253	3	30
97	Phytochemicals in cancer cell chemosensitization: Current knowledge and future perspectives. *Seminars in Cancer Biology*, **2020**,	12.7	29
96	Suppression of pro-inflammatory and proliferative pathways by diferuloylmethane (curcumin) and its analogues dibenzoylmethane, dibenzoylpropane, and dibenzylideneacetone: role of Michael acceptors and Michael donors. *Biochemical Pharmacology*, **2011**, 82, 1901-9	6	29

95	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. *Biochemical Pharmacology*, **2008**, 76, 1404-16	6	29
94	Recent development of targeted approaches for the treatment of breast cancer. *Breast Cancer*, **2017**, 24, 191-219	3.4	28
93	Targeting NF-Β Signaling by Calebin A, a Compound of Turmeric, in Multicellular Tumor Microenvironment: Potential Role of Apoptosis Induction in CRC Cells. *Biomedicines*, **2020**, 8,	4.8	27
92	Potential application of zerumbone in the prevention and therapy of chronic human diseases. *Journal of Functional Foods*, **2019**, 53, 248-258	5.1	27
91	Targeting IΒppaB kinases for cancer therapy. *Seminars in Cancer Biology*, **2019**, 56, 12-24	12.7	27
90	Isoform-Specific Role of Akt in Oral Squamous Cell Carcinoma. *Biomolecules*, **2019**, 9,	5.9	26
89	TIPE2 Induced the Proliferation, Survival, and Migration of Lung Cancer Cells Through Modulation of Akt/mTOR/NF-Β Signaling Cascade. *Biomolecules*, **2019**, 9,	5.9	26
88	Anticancer Activity of Garcinia morella on T-Cell Murine Lymphoma Via Apoptotic Induction. *Frontiers in Pharmacology*, **2016**, 7, 3	5.6	25
87	The vital role of ATP citrate lyase in chronic diseases. *Journal of Molecular Medicine*, **2020**, 98, 71-95	5.5	24
86	Calebin A Potentiates the Effect of 5-FU and TNF-Β(Lymphotoxin Βagainst Human Colorectal Cancer Cells: Potential Role of NF-Β. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	24
85	Acorus calamus: a bio-reserve of medicinal values. *Journal of Basic and Clinical Physiology and Pharmacology*, **2018**, 29, 107-122	1.6	23
84	An Investigation on the Therapeutic Potential of Butein, A Tretrahydroxychalcone Against Human Oral Squamous Cell Carcinoma. *Asian Pacific Journal of Cancer Prevention*, **2019**, 20, 3437-3446	1.7	23
83	Rationalizing the therapeutic potential of apigenin against cancer. *Life Sciences*, **2021**, 267, 118814	6.8	20
82	MicroRNAs as Modulators of Oral Tumorigenesis-A Focused Review. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	17
81	A novel bioavailable hydrogenated curcuminoids formulation (CuroWhite)Βimproves symptoms and diagnostic indicators in rheumatoid arthritis patients - A randomized, double blind and placebo controlled study. *Journal of Traditional and Complementary Medicine*, **2019**, 9, 346-352	4.6	17
80	Expression of nuclear transcription factor kappa B in locally advanced human cervical cancer treated with definitive chemoradiation. *International Journal of Radiation Oncology Biology Physics*, **2010**, 78, 1331-6	4	16
79	Long noncoding RNAs in triple-negative breast cancer: A new frontier in the regulation of tumorigenesis. *Journal of Cellular Physiology*, **2021**,	7	16
78	The Potential of Curcumin: A Multitargeting Agent in Cancer Cell Chemosensitization **2018**, 31-60		15

77	Recent discoveries and developments of androgen receptor based therapy for prostate cancer. *MedChemComm*, **2015**, 6, 746-768	5	15
76	Vietnamese coriander inhibits cell proliferation, survival and migration via suppression of Akt/mTOR pathway in oral squamous cell carcinoma. *Journal of Basic and Clinical Physiology and Pharmacology*, **2019**, 31,	1.6	15
75	COVID-19, cytokines, inflammation, and spices: How are they related?. *Life Sciences*, **2021**, 284, 119201	6.8	15
74	Emerging roles of cardamonin, a multitargeted nutraceutical in the prevention and treatment of chronic diseases.. *Current Research in Pharmacology and Drug Discovery*, **2021**, 2, 100008	3	14
73	Molecular Targets and Therapeutic Uses of Spices **2009**,		12
72	Upside and Downside of Tumor Necrosis Factor Blockers for Treatment of Immune/Inflammatory Diseases. *Critical Reviews in Immunology*, **2019**, 39, 439-479	1.8	12
71	Traditional Uses of Spices: An Overview **2009**, 1-24		11
70	In silico Molecular Modelling of Selected Natural Ligands and their Binding Features with Estrogen Receptor Alpha. *Current Computer-Aided Drug Design*, **2019**, 15, 89-96	1.4	11
69	Antioxidant, Anti-inflammatory and Biosorption Properties of Starch Nanocrystals In Vitro Study: Cytotoxic and Phytotoxic Evaluation. *Journal of Cluster Science*, **2020**, 32, 1419	3	11
68	From Simple Mouth Cavities to Complex Oral Mucosal Disorders-Curcuminoids as a Promising Therapeutic Approach. *ACS Pharmacology and Translational Science*, **2021**, 4, 647-665	5.9	11
67	Potent anti-proliferative activities of organochalcogenocyanates towards breast cancer. *Organic and Biomolecular Chemistry*, **2018**, 16, 8769-8782	3.9	11
66	Microwave-assisted synthesis of cellulose/zinc-sulfate-calcium-phosphate (ZSCAP) nanocomposites for biomedical applications. *Materials Science and Engineering C*, **2019**, 100, 535-543	8.3	10
65	Preparation and characterization of cellulose-based nanocomposite hydrogel films containing CuO/Cu2O/Cu with antibacterial activity. *Journal of Applied Polymer Science*, **2020**, 137, 49216	2.9	10
64	Orai-1 and Orai-2 regulate oral cancer cell migration and colonisation by suppressing Akt/mTOR/NF-Ƀ signalling. *Life Sciences*, **2020**, 261, 118372	6.8	9
63	Nature-inspired development of unnatural meroterpenoids as the non-toxic anti-colon cancer agents. *European Journal of Medicinal Chemistry*, **2018**, 160, 256-265	6.8	9
62	Xanthohumol from Hop: Hope for cancer prevention and treatment. *IUBMB Life*, **2021**, 73, 1016-1044	4.7	9
61	Curcumin and pancreatic cancer: Phase II clinical trial experience. *Journal of Clinical Oncology*, **2007**, 25, 4599-4599	2.2	8
60	Influence of a low-dose supplementation of curcumagalactomannoside complex (CurQfen) in knee osteoarthritis: A randomized, open-labeled, active-controlled clinical trial. *Phytotherapy Research*, **2021**, 35, 1443-1455	6.7	8

59	Natural sports supplement formulation for physical endurance: a randomized, double-blind, placebo-controlled study. *Sport Sciences for Health*, **2017**, 13, 183-194	1.3	7
58	Formation and characterization of zinc oxide complexes in composite hydrogel films for potential wound healing applications. *Polymer Composites*, **2020**, 41, 2274-2287	3	7
57	Curcumin and colorectal cancer: Add spice to your life. *Current Colorectal Cancer Reports*, **2009**, 5, 5-14	1	7
56	Potential of guggulsterone, a farnesoid X receptor antagonist, in the prevention and treatment of cancer. *Exploration of Targeted Anti-tumor Therapy*, **2020**, 1,	2.5	7
55	Curcumagalactomannoside/Glucosamine Combination Improved Joint Health Among Osteoarthritic Subjects as Compared to Chondroitin Sulfate/Glucosamine: Double-Blinded, Randomized Controlled Study. *Journal of Alternative and Complementary Medicine*, **2020**, 26, 945-955	2.4	7
54	Inflection of Akt/mTOR/STAT-3 cascade in TNF-□nduced protein 8 mediated human lung carcinogenesis. *Life Sciences*, **2020**, 262, 118475	6.8	7
53	Targeting Farnesoid X receptor (FXR) for developing novel therapeutics against cancer.. *Molecular Biomedicine*, **2021**, 2, 21	3.1	7
52	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. *Journal of Herbal Medicine*, **2019**, 17-18, 100276	2.3	6
51	Novel AKT1 mutations associated with cell-cycle abnormalities in gastric carcinoma. *Personalized Medicine*, **2018**, 15, 79-86	2.2	6
50	Mint and Its Constituents **2009**, 373-401		6
49	Exploring the Cytotoxic Effects of the Extracts and Bioactive Triterpenoids from against Oral Squamous Cell Carcinoma: A Scientific Interpretation and Validation of Indigenous Knowledge. *ACS Pharmacology and Translational Science*, **2021**, 4, 834-847	5.9	6
48	Current clinical developments in curcumin-based therapeutics for cancer and chronic diseases. *Phytotherapy Research*, **2021**,	6.7	6
47	Potential of baicalein in the prevention and treatment of cancer: A scientometric analyses based review. *Journal of Functional Foods*, **2021**, 86, 104660	5.1	6
46	Tris(dibenzylideneacetone)dipalladium(0) (Tris DBA) Abrogates Tumor Progression in Hepatocellular Carcinoma and Multiple Myeloma Preclinical Models by Regulating the STAT3 Signaling Pathway. *Cancers*, **2021**, 13,	6.6	5
45	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. *Molecular and Cellular Biochemistry*, **2021**, 476, 3303-3318	4.2	5
44	Synthesis of new selective cytotoxic ricinine analogues against oral squamous cell carcinoma. *Natural Product Research*, **2021**, 35, 2145-2156	2.3	4
43	Cancer Cell Chemoresistance: A Prime Obstacle in Cancer Therapy **2018**, 15-49		4
42	A novel bioavailable curcumin-galactomannan complex modulates the genes responsible for the development of chronic diseases in mice: A RNA sequence analysis. *Life Sciences*, **2021**, 287, 120074	6.8	4

41	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. *Toxicology Reports*, **2021**, 8, 1255-1264	4.8	4
40	Cancer Preventive and Therapeutic Properties of Fruits and Vegetables: An Overview **2015**, 1-52		3
39	Curcumin: The Biochemistry Behind Its Anticancer Effects361-399		3
38	Chemoresistance in Brain Cancer and Different Chemosensitization Approaches **2018**, 107-127		3
37	Different Chemosensitization Approaches for the Effective Management of HNSCC **2018**, 399-423		3
36	Lessons to Be Learnt from Ayurveda **2020**, 199-222		3
35	Evidence That Tumor Microenvironment Initiates Epithelial-To-Mesenchymal Transition and Calebin A can Suppress it in Colorectal Cancer Cells. *Frontiers in Pharmacology*, **2021**, 12, 699842	5.6	3
34	Multitargeting Effects of Calebin A on Malignancy of CRC Cells in Multicellular Tumor Microenvironment. *Frontiers in Oncology*, **2021**, 11, 650603	5.3	3
33	Pulsed electric field (PEF): Avant-garde extraction escalation technology in food industry. *Trends in Food Science and Technology*, **2022**, 122, 238-255	15.3	3
32	Curcumin, the Holistic Avant-Garde **2017**, 343-349		2
31	Kokum (Garcinol) **2009**, 281-309		2
30	Calebin A, a Compound of Turmeric, Down-Regulates Inflammation in Tenocytes by NF-B/Scleraxis Signaling.. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	2
29	Mechanism of Chemoresistance in Bone Cancer and Different Chemosensitization Approaches **2018**, 81-106		2
28	Different Approaches to Overcome Chemoresistance in Esophageal Cancer **2018**, 241-266		2
27	CHAPTER 7:Curcumin: A Potential Molecule for the Prevention and Treatment of Inflammatory Diseases. *Food Chemistry, Function and Analysis*, **2020**, 150-171	0.6	2
26	Tumor necrosis factor-induced protein 8 (TNFAIP8/TIPE) family is differentially expressed in oral cancer and regulates tumorigenesis through Akt/mTOR/STAT3 signaling cascade. *Life Sciences*, **2021**, 287, 120118	6.8	2
25	Embelin: A novel XIAP inhibitor for the prevention and treatment of chronic diseases. *Journal of Biochemical and Molecular Toxicology*, **2021**, e22950	3.4	2
24	Isoform-Specific Role of Akt Kinase in Cancer and its Selective Targeting by Potential Anticancer Natural Agents. *Natural Products Journal*, **2020**, 10, 322-332	0.6	2

23	Different Methods to Inhibit Chemoresistance in Hepatocellular Carcinoma **2018**, 373-398		2
22	Azadiradione-loaded liposomes with improved bioavailability and anticancer efficacy against triple negative breast cancer. *Journal of Drug Delivery Science and Technology*, **2021**, 65, 102665	4.5	2
21	Nuclear receptors in oral cancer-emerging players in tumorigenesis.. *Cancer Letters*, **2022**, 215666	9.9	2
20	Reiterating the Emergence of Noncoding RNAs as Regulators of the Critical Hallmarks of Gall Bladder Cancer.. *Biomolecules*, **2021**, 11,	5.9	2
19	Cancer An Overview and Molecular Alterations in Cancer **2017**, 1-15		1
18	The Chemistry and Biological Activities of Curcuminoids: Impacts on Neurological Disorders **2019**, 105-127		1
17	Different Chemosensitization Approaches in Gastric Cancer **2018**, 267-319		1
16	Loss of TIPE3 reduced the proliferation, survival and migration of lung cancer cells through inactivation of Akt/mTOR, NF-B, and STAT-3 signaling cascades.. *Life Sciences*, **2022**, 293, 120332	6.8	1
15	Pleiotropic Effect of Mahanine and Girinimbine Analogs: Anticancer Mechanism and its Therapeutic Versatility. *Anti-Cancer Agents in Medicinal Chemistry*, **2018**, 18, 1983-1990	2.2	1
14	Development of a Cleavable Biotin-Drug Conjugate Hydrogelator for the Controlled and Dual Delivery of Anticancer Drugs. *ChemistrySelect*, **2021**, 6, 3256-3261	1.8	1
13	Differential roles of farnesoid X receptor (FXR) in modulating apoptosis in cancer cells. *Advances in Protein Chemistry and Structural Biology*, **2021**, 126, 63-90	5.3	1
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