Gautam Sethi

List of Publications by Citations

408 papers	30,415 citations	103 h-index	155 g-index
440 ext. papers	36,781 ext. citations	6.6 avg, IF	7.55 L-index

#	Paper	IF	Citations
408	Inflammation and cancer: how hot is the link?. *Biochemical Pharmacology*, **2006**, 72, 1605-21	6	1039
407	The vascular endothelium and human diseases. *International Journal of Biological Sciences*, **2013**, 9, 1057-69	10.2	756
406	Curcumin: getting back to the roots. *Annals of the New York Academy of Sciences*, **2005**, 1056, 206-17	6.5	477
405	Curcumin, demethoxycurcumin, bisdemethoxycurcumin, tetrahydrocurcumin and turmerones differentially regulate anti-inflammatory and anti-proliferative responses through a ROS-independent mechanism. *Carcinogenesis*, **2007**, 28, 1765-73	4.6	457
404	Role of Reactive Oxygen Species in Cancer Progression: Molecular Mechanisms and Recent Advancements. *Biomolecules*, **2019**, 9,	5.9	390
403	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
402	Thymoquinone: potential cure for inflammatory disorders and cancer. *Biochemical Pharmacology*, **2012**, 83, 443-51	6	343
401	Resveratrol inhibits proliferation, induces apoptosis, and overcomes chemoresistance through down-regulation of STAT3 and nuclear factor-kappaB-regulated antiapoptotic and cell survival gene products in human multiple myeloma cells. *Blood*, **2007**, 109, 2293-302	2.2	343
400	Targeting the STAT3 signaling pathway in cancer: role of synthetic and natural inhibitors. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2014**, 1845, 136-54	11.2	341
399	Nuclear factor-kappaB activation: from bench to bedside. *Experimental Biology and Medicine*, **2008**, 233, 21-31	3.7	335
398	The Role of Resveratrol in Cancer Therapy. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	319
397	The E-Cadherin and N-Cadherin Switch in Epithelial-to-Mesenchymal Transition: Signaling, Therapeutic Implications, and Challenges. *Cells*, **2019**, 8,	7.9	313
396	Exosome-Mediated Metastasis: From Epithelial-Mesenchymal Transition to Escape from Immunosurveillance. *Trends in Pharmacological Sciences*, **2016**, 37, 606-617	13.2	298
395	TNF: a master switch for inflammation to cancer. *Frontiers in Bioscience - Landmark*, **2008**, 13, 5094-107	2.8	296
394	Dual role of autophagy in hallmarks of cancer. *Oncogene*, **2018**, 37, 1142-1158	9.2	288
393	The multifaceted role of curcumin in cancer prevention and treatment. *Molecules*, **2015**, 20, 2728-69	4.8	283
392	Celastrol, a novel triterpene, potentiates TNF-induced apoptosis and suppresses invasion of tumor cells by inhibiting NF-kappaB-regulated gene products and TAK1-mediated NF-kappaB activation. *Blood*, **2007**, 109, 2727-35	2.2	276

391	Plumbagin (5-hydroxy-2-methyl-1,4-naphthoquinone) suppresses NF-kappaB activation and NF-kappaB-regulated gene products through modulation of p65 and IkappaBalpha kinase activation, leading to potentiation of apoptosis induced by cytokine and chemotherapeutic agents. *Journal of Biological Chemistry*, **2006**, 281, 17023-17033	5.4	267
390	Natural products as a gold mine for arthritis treatment. *Current Opinion in Pharmacology*, **2007**, 7, 344-51	5.1	267
389	Molecular targets of celastrol derived from Thunder of God Vine: potential role in the treatment of inflammatory disorders and cancer. *Cancer Letters*, **2011**, 303, 9-20	9.9	259
388	Thymoquinone inhibits tumor angiogenesis and tumor growth through suppressing AKT and extracellular signal-regulated kinase signaling pathways. *Molecular Cancer Therapeutics*, **2008**, 7, 1789-96	6.1	257
387	Targeting nuclear factor-kappa B activation pathway by thymoquinone: role in suppression of antiapoptotic gene products and enhancement of apoptosis. *Molecular Cancer Research*, **2008**, 6, 1059-70	6.6	256
386	Multifaceted link between cancer and inflammation. *Bioscience Reports*, **2012**, 32, 1-15	4.1	244
385	Caryophyllene oxide inhibits growth and induces apoptosis through the suppression of PI3K/AKT/mTOR/S6K1 pathways and ROS-mediated MAPKs activation. *Cancer Letters*, **2011**, 312, 178-88	9.9	230
384	Targeting transcription factor NF-kappaB to overcome chemoresistance and radioresistance in cancer therapy. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2010**, 1805, 167-80	11.2	229
383	Ursolic acid in cancer prevention and treatment: molecular targets, pharmacokinetics and clinical studies. *Biochemical Pharmacology*, **2013**, 85, 1579-87	6	221
382	Ageing and the telomere connection: An intimate relationship with inflammation. *Ageing Research Reviews*, **2016**, 25, 55-69	12	212
381	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
380	Gamma-tocotrienol inhibits nuclear factor-kappaB signaling pathway through inhibition of receptor-interacting protein and TAK1 leading to suppression of antiapoptotic gene products and potentiation of apoptosis. *Journal of Biological Chemistry*, **2007**, 282, 809-20	5.4	198
379	Ursolic acid inhibits STAT3 activation pathway leading to suppression of proliferation and chemosensitization of human multiple myeloma cells. *Molecular Cancer Research*, **2007**, 5, 943-55	6.6	198
378	Antioxidant response elements: Discovery, classes, regulation and potential applications. *Redox Biology*, **2018**, 17, 297-314	11.3	196
377	Targeting transcription factor STAT3 for cancer prevention and therapy. *Pharmacology & Therapeutics*, **2016**, 162, 86-97	13.9	192
376	From traditional Ayurvedic medicine to modern medicine: identification of therapeutic targets for suppression of inflammation and cancer. *Expert Opinion on Therapeutic Targets*, **2006**, 10, 87-118	6.4	178
375	Targeted abrogation of diverse signal transduction cascades by emodin for the treatment of inflammatory disorders and cancer. *Cancer Letters*, **2013**, 341, 139-49	9.9	175
374	Targeting cell signaling and apoptotic pathways by dietary agents: role in the prevention and treatment of cancer. *Nutrition and Cancer*, **2011**, 63, 161-73	2.8	173

373	Oleanolic acid and its synthetic derivatives for the prevention and therapy of cancer: preclinical and clinical evidence. *Cancer Letters*, **2014**, 346, 206-16	9.9	171
372	Targeting arachidonic acid pathway by natural products for cancer prevention and therapy. *Seminars in Cancer Biology*, **2016**, 40-41, 48-81	12.7	170
371	Targeted inhibition of tumor proliferation, survival, and metastasis by pentacyclic triterpenoids: potential role in prevention and therapy of cancer. *Cancer Letters*, **2012**, 320, 158-70	9.9	166
370	Capsaicin is a novel blocker of constitutive and interleukin-6-inducible STAT3 activation. *Clinical Cancer Research*, **2007**, 13, 3024-32	12.9	166
369	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
368	Targeting autophagy using natural compounds for cancer prevention and therapy. *Cancer*, **2019**, 125, 1228-1246	6.4	164
367	Potent anti-inflammatory activity of ursolic acid, a triterpenoid antioxidant, is mediated through suppression of NF-Β, AP-1 and NF-AT. *PLoS ONE*, **2012**, 7, e31318	3.7	164
366	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
365	Ginkgolic Acid Inhibits Invasion and Migration and TGF-β-Induced EMT of Lung Cancer Cells Through PI3K/Akt/mTOR Inactivation. *Journal of Cellular Physiology*, **2017**, 232, 346-354	7	153
364	Potential role of signal transducer and activator of transcription (STAT)3 signaling pathway in inflammation, survival, proliferation and invasion of hepatocellular carcinoma. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2013**, 1835, 46-60	11.2	149
363	Anticancer activity of thymoquinone in breast cancer cells: possible involvement of PPAR-γ pathway. *Biochemical Pharmacology*, **2011**, 82, 464-75	6	149
362	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
361	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
360	Diosgenin, a steroidal saponin, inhibits STAT3 signaling pathway leading to suppression of proliferation and chemosensitization of human hepatocellular carcinoma cells. *Cancer Letters*, **2010**, 292, 197-207	9.9	145
359	Cancer prevention and therapy through the modulation of transcription factors by bioactive natural compounds. *Seminars in Cancer Biology*, **2016**, 40-41, 35-47	12.7	144
358	Signal Transducer and Activator of Transcription (STATs) Proteins in Cancer and Inflammation: Functions and Therapeutic Implication. *Frontiers in Oncology*, **2019**, 9, 48	5.3	144
357	The multifaceted role of reactive oxygen species in tumorigenesis. *Cellular and Molecular Life Sciences*, **2020**, 77, 4459-4483	10.3	143
356	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

355	Curcumin potentiates the apoptotic effects of chemotherapeutic agents and cytokines through down-regulation of nuclear factor-kappaB and nuclear factor-kappaB-regulated gene products in IFN-alpha-sensitive and IFN-alpha-resistant human bladder cancer cells. *Molecular Cancer Therapeutics*, **2007**, 6, 1022-30	6.1	140
354	Curcumin induces the degradation of cyclin E expression through ubiquitin-dependent pathway and up-regulates cyclin-dependent kinase inhibitors p21 and p27 in multiple human tumor cell lines. *Biochemical Pharmacology*, **2007**, 73, 1024-32	6	139
353	Analysis of the intricate relationship between chronic inflammation and cancer. *Biochemical Journal* , **2015**, 468, 1-15	3.8	138
352	Potential pharmacological control of the NF-B pathway. *Trends in Pharmacological Sciences*, **2009**, 30, 313-21	13.2	138
351	NF-B in cancer therapy. *Archives of Toxicology*, **2015**, 89, 711-31	5.8	137
350	A synthetic triterpenoid, CDDO-Me, inhibits IkappaBalpha kinase and enhances apoptosis induced by TNF and chemotherapeutic agents through down-regulation of expression of nuclear factor kappaB-regulated gene products in human leukemic cells. *Clinical Cancer Research*, **2006**, 12, 1828-38	12.9	136
349	Targeting activator protein 1 signaling pathway by bioactive natural agents: Possible therapeutic strategy for cancer prevention and intervention. *Pharmacological Research*, **2018**, 128, 366-375	10.2	133
348	Garcinol, a polyisoprenylated benzophenone modulates multiple proinflammatory signaling cascades leading to the suppression of growth and survival of head and neck carcinoma. *Cancer Prevention Research*, **2013**, 6, 843-54	3.2	132
347	Potential Role of Natural Compounds as Anti-Angiogenic Agents in Cancer. *Current Vascular Pharmacology*, **2017**, 15, 503-519	3.3	132
346	Thymoquinone inhibits tumor growth and induces apoptosis in a breast cancer xenograft mouse model: the role of p38 MAPK and ROS. *PLoS ONE*, **2013**, 8, e75356	3.7	131
345	Evidence for the Involvement of the Master Transcription Factor NF-B in Cancer Initiation and Progression. *Biomedicines*, **2018**, 6,	4.8	129
344	Natural product-based nanoformulations for cancer therapy: Opportunities and challenges. *Seminars in Cancer Biology*, **2021**, 69, 5-23	12.7	129
343	Long non-coding RNAs are emerging targets of phytochemicals for cancer and other chronic diseases. *Cellular and Molecular Life Sciences*, **2019**, 76, 1947-1966	10.3	128
342	Inhibition of STAT3 dimerization and acetylation by garcinol suppresses the growth of human hepatocellular carcinoma in vitro and in vivo. *Molecular Cancer*, **2014**, 13, 66	42.1	128
341	Celastrol inhibits tumor cell proliferation and promotes apoptosis through the activation of c-Jun N-terminal kinase and suppression of PI3K/Akt signaling pathways. *Apoptosis: an International Journal on Programmed Cell Death*, **2011**, 16, 1028-41	5.4	128
340	Celastrol suppresses growth and induces apoptosis of human hepatocellular carcinoma through the modulation of STAT3/JAK2 signaling cascade in vitro and in vivo. *Cancer Prevention Research*, **2012**, 5, 631-43	3.2	126
339	Embelin, an inhibitor of X chromosome-linked inhibitor-of-apoptosis protein, blocks nuclear factor-kappaB (NF-kappaB) signaling pathway leading to suppression of NF-kappaB-regulated antiapoptotic and metastatic gene products. *Molecular Pharmacology*, **2007**, 71, 209-19	4.3	126
338	Thymoquinone inhibits proliferation, induces apoptosis and chemosensitizes human multiple myeloma cells through suppression of signal transducer and activator of transcription 3 activation pathway. *British Journal of Pharmacology*, **2010**, 161, 541-54	8.6	125

337	Targeting TNF-related apoptosis-inducing ligand (TRAIL) receptor by natural products as a potential therapeutic approach for cancer therapy. *Experimental Biology and Medicine*, **2015**, 240, 760-73	3.7	123
336	Targeting the PI3K/Akt signaling pathway in gastric carcinoma: A reality for personalized medicine?. *World Journal of Gastroenterology*, **2015**, 21, 12261-73	5.6	123
335	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
334	From ancient medicine to modern medicine: ayurvedic concepts of health and their role in inflammation and cancer. *Society for Integrative Oncology*, **2007**, 5, 25-37		120
333	Thymoquinone overcomes chemoresistance and enhances the anticancer effects of bortezomib through abrogation of NF-Β regulated gene products in multiple myeloma xenograft mouse model. *Oncotarget*, **2014**, 5, 634-48	3.3	120
332	Honokiol inhibits signal transducer and activator of transcription-3 signaling, proliferation, and survival of hepatocellular carcinoma cells via the protein tyrosine phosphatase SHP-1. *Journal of Cellular Physiology*, **2012**, 227, 2184-95	7	119
331	Honokiol potentiates apoptosis, suppresses osteoclastogenesis, and inhibits invasion through modulation of nuclear factor-kappaB activation pathway. *Molecular Cancer Research*, **2006**, 4, 621-33	6.6	119
330	Guggulsterone, a farnesoid X receptor antagonist, inhibits constitutive and inducible STAT3 activation through induction of a protein tyrosine phosphatase SHP-1. *Cancer Research*, **2008**, 68, 4406-15	10.1	118
329	Pro-Apoptotic and Anti-Cancer Properties of Diosgenin: A Comprehensive and Critical Review. *Nutrients*, **2018**, 10,	6.7	117
328	Y-tocotrienol inhibits angiogenesis-dependent growth of human hepatocellular carcinoma through abrogation of AKT/mTOR pathway in an orthotopic mouse model. *Oncotarget*, **2014**, 5, 1897-911	3.3	117
327	Brassinin inhibits STAT3 signaling pathway through modulation of PIAS-3 and SOCS-3 expression and sensitizes human lung cancer xenograft in nude mice to paclitaxel. *Oncotarget*, **2015**, 6, 6386-405	3.3	114
326	Identification of beta-escin as a novel inhibitor of signal transducer and activator of transcription 3/Janus-activated kinase 2 signaling pathway that suppresses proliferation and induces apoptosis in human hepatocellular carcinoma cells. *Journal of Pharmacology and Experimental Therapeutics*, **2010**, 334, 285-93	4.7	114
325	Nuclear factor-kappa B: from clone to clinic. *Current Molecular Medicine*, **2007**, 7, 619-37	2.5	114
324	Suppression of signal transducer and activator of transcription 3 activation by butein inhibits growth of human hepatocellular carcinoma in vivo. *Clinical Cancer Research*, **2011**, 17, 1425-39	12.9	113
323	Development of a novel azaspirane that targets the Janus kinase-signal transducer and activator of transcription (STAT) pathway in hepatocellular carcinoma in vitro and in vivo. *Journal of Biological Chemistry*, **2014**, 289, 34296-307	5.4	111
322	Ursolic acid inhibits multiple cell survival pathways leading to suppression of growth of prostate cancer xenograft in nude mice. *Journal of Molecular Medicine*, **2011**, 89, 713-27	5.5	110
321	Butein downregulates chemokine receptor CXCR4 expression and function through suppression of NF-Β activation in breast and pancreatic tumor cells. *Biochemical Pharmacology*, **2010**, 80, 1553-62	6	110
320	Emodin inhibits growth and induces apoptosis in an orthotopic hepatocellular carcinoma model by blocking activation of STAT3. *British Journal of Pharmacology*, **2013**, 170, 807-21	8.6	109

319	Guggulsterone inhibits tumor cell proliferation, induces S-phase arrest, and promotes apoptosis through activation of c-Jun N-terminal kinase, suppression of Akt pathway, and downregulation of antiapoptotic gene products. *Biochemical Pharmacology*, **2007**, 74, 118-30	6	109
318	Genetic deletion of NAD(P)H:quinone oxidoreductase 1 abrogates activation of nuclear factor-kappaB, IkappaBalpha kinase, c-Jun N-terminal kinase, Akt, p38, and p44/42 mitogen-activated protein kinases and potentiates apoptosis. *Journal of Biological Chemistry*, **2006**, 281, 19798-808	5.4	108
317	Triple negative breast cancer in Asia: An insider's view. *Cancer Treatment Reviews*, **2018**, 62, 29-38	14.4	108
316	Targeting cell signaling pathways for drug discovery: an old lock needs a new key. *Journal of Cellular Biochemistry*, **2007**, 102, 580-92	4.7	107
315	Key cell signaling pathways modulated by zerumbone: role in the prevention and treatment of cancer. *Biochemical Pharmacology*, **2012**, 84, 1268-76	6	106
314	Isorhamnetin inhibits proliferation and invasion and induces apoptosis through the modulation of peroxisome proliferator-activated receptor activation pathway in gastric cancer. *Journal of Biological Chemistry*, **2012**, 287, 38028-40	5.4	106
313	Pinitol targets nuclear factor-kappaB activation pathway leading to inhibition of gene products associated with proliferation, apoptosis, invasion, and angiogenesis. *Molecular Cancer Therapeutics*, **2008**, 7, 1604-14	6.1	106
312	Isorhamnetin augments the anti-tumor effect of capecitabine through the negative regulation of NF-B signaling cascade in gastric cancer. *Cancer Letters*, **2015**, 363, 28-36	9.9	105
311	Nimbolide-Induced Oxidative Stress Abrogates STAT3 Signaling Cascade and Inhibits Tumor Growth in Transgenic Adenocarcinoma of Mouse Prostate Model. *Antioxidants and Redox Signaling*, **2016**, 24, 575-89	8.4	105
310	Tocotrienol is a novel inhibitor of constitutive and inducible STAT3 signalling pathway in human hepatocellular carcinoma: potential role as an antiproliferative, pro-apoptotic and chemosensitizing agent. *British Journal of Pharmacology*, **2011**, 163, 283-98	8.6	104
309	Caryophyllene oxide inhibits constitutive and inducible STAT3 signaling pathway through induction of the SHP-1 protein tyrosine phosphatase. *Molecular Carcinogenesis*, **2014**, 53, 793-806	5	103
308	Celastrol inhibits proliferation and induces chemosensitization through down-regulation of NF-B and STAT3 regulated gene products in multiple myeloma cells. *British Journal of Pharmacology*, **2011**, 164, 1506-21	8.6	103
307	Back to basics: how natural products can provide the basis for new therapeutics. *Expert Opinion on Investigational Drugs*, **2007**, 16, 1753-73	5.9	103
306	First evidence that tocotrienol inhibits the growth of human gastric cancer and chemosensitizes it to capecitabine in a xenograft mouse model through the modulation of NF-B pathway. *Clinical Cancer Research*, **2012**, 18, 2220-9	12.9	102
305	Capillarisin inhibits constitutive and inducible STAT3 activation through induction of SHP-1 and SHP-2 tyrosine phosphatases. *Cancer Letters*, **2014**, 345, 140-8	9.9	101
304	Inhibition of CXCR4/CXCL12 signaling axis by ursolic acid leads to suppression of metastasis in transgenic adenocarcinoma of mouse prostate model. *International Journal of Cancer*, **2011**, 129, 1552-63	7.5	100
303	Simvastatin sensitizes human gastric cancer xenograft in nude mice to capecitabine by suppressing nuclear factor-kappa B-regulated gene products. *Journal of Molecular Medicine*, **2014**, 92, 267-76	5.5	99
302	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

301	DEAD-box helicase DP103 defines metastatic potential of human breast cancers. *Journal of Clinical Investigation*, **2014**, 124, 3807-24	15.9	98
300	Morin (3,5,7,2′,4′-Pentahydroxyflavone) abolishes nuclear factor-kappaB activation induced by various carcinogens and inflammatory stimuli, leading to suppression of nuclear factor-kappaB-regulated gene expression and up-regulation of apoptosis. *Clinical Cancer Research*, **2007**, 13, 2290-7	12.9	98
299	Insights into Biological Role of LncRNAs in Epithelial-Mesenchymal Transition. *Cells*, **2019**, 8,	7.9	96
298	Ursolic acid inhibits the initiation, progression of prostate cancer and prolongs the survival of TRAMP mice by modulating pro-inflammatory pathways. *PLoS ONE*, **2012**, 7, e32476	3.7	96
297	Formononetin-induced oxidative stress abrogates the activation of STAT3/5 signaling axis and suppresses the tumor growth in multiple myeloma preclinical model. *Cancer Letters*, **2018**, 431, 123-141	9.9	96
296	Expression of NF-kappaB parallels COX-2 expression in oral precancer and cancer: association with smokeless tobacco. *International Journal of Cancer*, **2007**, 120, 2545-56	7.5	94
295	Curcumin Delivery Mediated by Bio-Based Nanoparticles: A Review. *Molecules*, **2020**, 25,	4.8	92
294	Plumbagin inhibits invasion and migration of breast and gastric cancer cells by downregulating the expression of chemokine receptor CXCR4. *Molecular Cancer*, **2011**, 10, 107	42.1	92
293	Simvastatin, 3-hydroxy-3-methylglutaryl coenzyme A reductase inhibitor, suppresses osteoclastogenesis induced by receptor activator of nuclear factor-kappaB ligand through modulation of NF-kappaB pathway. *International Journal of Cancer*, **2008**, 123, 1733-40	7.5	92
292	Reversal of chemoresistance and enhancement of apoptosis by statins through down-regulation of the NF-kappaB pathway. *Biochemical Pharmacology*, **2008**, 75, 907-13	6	91
291	Resveratrol inhibits STAT3 signaling pathway through the induction of SOCS-1: Role in apoptosis induction and radiosensitization in head and neck tumor cells. *Phytomedicine*, **2016**, 23, 566-77	6.5	90
290	Salinosporamide A (NPI-0052) potentiates apoptosis, suppresses osteoclastogenesis, and inhibits invasion through down-modulation of NF-kappaB regulated gene products. *Blood*, **2007**, 110, 2286-95	2.2	90
289	Thymoquinone Inhibits Bone Metastasis of Breast Cancer Cells Through Abrogation of the CXCR4 Signaling Axis. *Frontiers in Pharmacology*, **2018**, 9, 1294	5.6	90
288	Garcinol: Current status of its anti-oxidative, anti-inflammatory and anti-cancer effects. *Cancer Letters*, **2015**, 362, 8-14	9.9	88
287	Judicious Toggling of mTOR Activity to Combat Insulin Resistance and Cancer: Current Evidence and Perspectives. *Frontiers in Pharmacology*, **2016**, 7, 395	5.6	88
286	Polo-like kinase inhibitors: an emerging opportunity for cancer therapeutics. *Expert Opinion on Investigational Drugs*, **2010**, 19, 27-43	5.9	87
285	Simvastatin potentiates TNF-alpha-induced apoptosis through the down-regulation of NF-kappaB-dependent antiapoptotic gene products: role of IkappaBalpha kinase and TGF-beta-activated kinase-1. *Journal of Immunology*, **2007**, 178, 2507-16	5.3	87
284	Dysregulation of Nrf2 in Hepatocellular Carcinoma: Role in Cancer Progression and Chemoresistance. *Cancers*, **2018**, 10,	6.6	87

283	Honokiol for cancer therapeutics: A traditional medicine that can modulate multiple oncogenic targets. *Pharmacological Research*, **2019**, 144, 192-209	10.2	86
282	Bergamottin, a natural furanocoumarin obtained from grapefruit juice induces chemosensitization and apoptosis through the inhibition of STAT3 signaling pathway in tumor cells. *Cancer Letters*, **2014**, 354, 153-63	9.9	85
281	Role of epigenetics in inflammation-associated diseases. *Sub-Cellular Biochemistry*, **2013**, 61, 627-57	5.5	85
280	Epidermal growth factor (EGF) activates nuclear factor-kappaB through IkappaBalpha kinase-independent but EGF receptor-kinase dependent tyrosine 42 phosphorylation of IkappaBalpha. *Oncogene*, **2007**, 26, 7324-32	9.2	84
279	Trisubstituted-Imidazoles Induce Apoptosis in Human Breast Cancer Cells by Targeting the Oncogenic PI3K/Akt/mTOR Signaling Pathway. *PLoS ONE*, **2016**, 11, e0153155	3.7	84
278	Targeting TNF for Treatment of Cancer and Autoimmunity. *Advances in Experimental Medicine and Biology*, **2009**, 647, 37-51	3.6	83
277	Farnesol abrogates epithelial to mesenchymal transition process through regulating Akt/mTOR pathway. *Pharmacological Research*, **2019**, 150, 104504	10.2	82
276	Farnesol inhibits tumor growth and enhances the anticancer effects of bortezomib in multiple myeloma xenograft mouse model through the modulation of STAT3 signaling pathway. *Cancer Letters*, **2015**, 360, 280-93	9.9	81
275	Mitogen-activated protein kinase kinase-4 promotes cell survival by decreasing PTEN expression through an NF kappa B-dependent pathway. *Journal of Biological Chemistry*, **2007**, 282, 3507-19	5.4	80
274	Oleanane triterpenoids in the prevention and therapy of breast cancer: current evidence and future perspectives. *Phytochemistry Reviews*, **2014**, 13, 793-810	7.7	79
273	Capsazepine inhibits JAK/STAT3 signaling, tumor growth, and cell survival in prostate cancer. *Oncotarget*, **2017**, 8, 17700-17711	3.3	79
272	Butein in health and disease: A comprehensive review. *Phytomedicine*, **2017**, 25, 118-127	6.5	78
271	Isorhamnetin inhibits proliferation and invasion and induces apoptosis through the modulation of peroxisome proliferator-activated receptor □activation pathway in gastric cancer.. *Journal of Biological Chemistry*, **2013**, 288, 18777	5.4	78
270	Sethi G, Ahn KS, Pandey MK, Aggarwal BB. Celastrol, a novel triterpene, potentiates TNF-induced apoptosis and suppresses invasion of tumor cells by inhibiting NF-B-regulated gene products and TAK1-mediated NF-B activation. Blood. 2007;109(7):2727-2735.. *Blood*, **2013**, 122, 1327-1327	2.2	78
269	Potential of neem (Azadirachta indica L.) for prevention and treatment of oncologic diseases. *Seminars in Cancer Biology*, **2016**, 40-41, 100-115	12.7	78
268	Therapeutic potential of gambogic acid, a caged xanthone, to target cancer. *Cancer Letters*, **2018**, 416, 75-86	9.9	78
267	Possible use of Punica granatum (Pomegranate) in cancer therapy. *Pharmacological Research*, **2018**, 133, 53-64	10.2	77
266	Indirubin enhances tumor necrosis factor-induced apoptosis through modulation of nuclear factor-kappa B signaling pathway. *Journal of Biological Chemistry*, **2006**, 281, 23425-35	5.4	77

265	FBXW7 in Cancer: What Has Been Unraveled Thus Far?. *Cancers*, **2019**, 11,	6.6	77
264	An Update on Pharmacological Potential of Boswellic Acids against Chronic Diseases. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	76
263	Magnolol: A Neolignan from the Magnolia Family for the Prevention and Treatment of Cancer. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	76
262	Fisetin, a bioactive flavonol, attenuates allergic airway inflammation through negative regulation of NF-B. *European Journal of Pharmacology*, **2012**, 679, 109-16	5.3	75
261	The potential role of boswellic acids in cancer prevention and treatment. *Cancer Letters*, **2016**, 377, 74-86	9.9	75
260	The Role of Signal Transducer and Activator of Transcription 3 (STAT3) and Its Targeted Inhibition in Hematological Malignancies. *Cancers*, **2018**, 10,	6.6	74
259	Association of the Epithelial-Mesenchymal Transition (EMT) with Cisplatin Resistance. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	73
258	Ascochlorin, an isoprenoid antibiotic inhibits growth and invasion of hepatocellular carcinoma by targeting STAT3 signaling cascade through the induction of PIAS3. *Molecular Oncology*, **2015**, 9, 818-33	7.9	71
257	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
256	Role of novel histone modifications in cancer. *Oncotarget*, **2018**, 9, 11414-11426	3.3	66
255	Potential role of genipin in cancer therapy. *Pharmacological Research*, **2018**, 133, 195-200	10.2	66
254	Negative regulation of signal transducer and activator of transcription-3 signalling cascade by lupeol inhibits growth and induces apoptosis in hepatocellular carcinoma cells. *British Journal of Cancer*, **2014**, 111, 1327-37	8.7	65
253	Targeting multiple oncogenic pathways for the treatment of hepatocellular carcinoma. *Targeted Oncology*, **2017**, 12, 1-10	5	65
252	Focus on Formononetin: Anticancer Potential and Molecular Targets. *Cancers*, **2019**, 11,	6.6	63
251	Ascochlorin Enhances the Sensitivity of Doxorubicin Leading to the Reversal of Epithelial-to-Mesenchymal Transition in Hepatocellular Carcinoma. *Molecular Cancer Therapeutics*, **2016**, 15, 2966-2976	6.1	63
250	Garcinol sensitizes human head and neck carcinoma to cisplatin in a xenograft mouse model despite downregulation of proliferative biomarkers. *Oncotarget*, **2015**, 6, 5147-63	3.3	63
249	Silymarin and hepatocellular carcinoma: a systematic, comprehensive, and critical review. *Anti-Cancer Drugs*, **2015**, 26, 475-86	2.4	61
248	Piceatannol: A natural stilbene for the prevention and treatment of cancer. *Pharmacological Research*, **2020**, 153, 104635	10.2	61

247	Breast Cancer Stem-Like Cells Are Inhibited by Diosgenin, a Steroidal Saponin, by the Attenuation of the Wnt Catenin Signaling via the Wnt Antagonist Secreted Frizzled Related Protein-4. *Frontiers in Pharmacology*, **2017**, 8, 124	5.6	60
246	Potential of Zerumbone as an Anti-Cancer Agent. *Molecules*, **2019**, 24,	4.8	60
245	Targeting STAT3 and oxidative phosphorylation in oncogene-addicted tumors. *Redox Biology*, **2019**, 25, 101073	11.3	60
244	Abrogation of STAT3 signaling cascade by zerumbone inhibits proliferation and induces apoptosis in renal cell carcinoma xenograft mouse model. *Molecular Carcinogenesis*, **2015**, 54, 971-85	5	58
243	Animal venoms as antimicrobial agents. *Biochemical Pharmacology*, **2017**, 134, 127-138	6	57
242	Aberrant lysine acetylation in tumorigenesis: Implications in the development of therapeutics. *Pharmacology & Therapeutics*, **2016**, 162, 98-119	13.9	56
241	Oleuropein induces apoptosis via abrogating NF-B activation cascade in estrogen receptor-negative breast cancer cells. *Journal of Cellular Biochemistry*, **2019**, 120, 4504-4513	4.7	56
240	Pan-HDAC inhibition by panobinostat mediates chemosensitization to carboplatin in non-small cell lung cancer via attenuation of EGFR signaling. *Cancer Letters*, **2018**, 417, 152-160	9.9	55
239	The implication of long non-coding RNAs in the diagnosis, pathogenesis and drug resistance of pancreatic ductal adenocarcinoma and their possible therapeutic potential. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2020**, 1874, 188423	11.2	55
238	A novel benzimidazole derivative, MBIC inhibits tumor growth and promotes apoptosis via activation of ROS-dependent JNK signaling pathway in hepatocellular carcinoma. *Oncotarget*, **2017**, 8, 12831-12842	3.3	54
237	Novel synthetic biscoumarins target tumor necrosis factor- in hepatocellular carcinoma in vitro and in vivo. *Journal of Biological Chemistry*, **2014**, 289, 31879-31890	5.4	54
236	Brusatol suppresses STAT3-driven metastasis by downregulating epithelial-mesenchymal transition in hepatocellular carcinoma. *Journal of Advanced Research*, **2020**, 26, 83-94	13	54
235	Oxymatrine Attenuates Tumor Growth and Deactivates STAT5 Signaling in a Lung Cancer Xenograft Model. *Cancers*, **2019**, 11,	6.6	54
234	Regulation of Nuclear Factor-KappaB (NF-B) signaling pathway by non-coding RNAs in cancer: Inhibiting or promoting carcinogenesis?. *Cancer Letters*, **2021**, 509, 63-80	9.9	54
233	Molecular mechanisms of action of hesperidin in cancer: Recent trends and advancements. *Experimental Biology and Medicine*, **2020**, 245, 486-497	3.7	53
232	Novel 1,3,4-Oxadiazole Induces Anticancer Activity by Targeting NF-B in Hepatocellular Carcinoma Cells. *Frontiers in Oncology*, **2018**, 8, 42	5.3	52
231	Novel synthetic coumarins that targets NF-B in Hepatocellular carcinoma. *Bioorganic and Medicinal Chemistry Letters*, **2015**, 25, 893-7	2.9	52
230	The Emerging Role of Long Non-Coding RNAs in the Metastasis of Hepatocellular Carcinoma. *Biomolecules*, **2019**, 10,	5.9	52

229	Cardamonin represses proliferation, invasion, and causes apoptosis through the modulation of signal transducer and activator of transcription 3 pathway in prostate cancer. *Apoptosis: an International Journal on Programmed Cell Death*, **2017**, 22, 158-168	5.4	51
228	Apigenin: A natural bioactive flavone-type molecule with promising therapeutic function. *Journal of Functional Foods*, **2018**, 48, 457-471	5.1	51
227	Nuclear Factor-κB: A Holy Grail in Cancer Prevention and Therapy. *Current Signal Transduction Therapy*, **2006**, 1, 25-52	0.8	51
226	Melioidosis: Clinical impact and public health threat in the tropics. *PLoS Neglected Tropical Diseases*, **2017**, 11, e0004738	4.8	51
225	The expanding roles of long non-coding RNAs in the regulation of cancer stem cells. *International Journal of Biochemistry and Cell Biology*, **2019**, 108, 17-20	5.6	51
224	Bergamottin Suppresses Metastasis of Lung Cancer Cells through Abrogation of Diverse Oncogenic Signaling Cascades and Epithelial-to-Mesenchymal Transition. *Molecules*, **2018**, 23,	4.8	50
223	Natural bioactives and phytochemicals serve in cancer treatment and prevention. *Evidence-based Complementary and Alternative Medicine*, **2013**, 2013, 698190	2.3	50
222	Targeting PPAR□Signaling Cascade for the Prevention and Treatment of Prostate Cancer. *PPAR Research*, **2012**, 2012, 968040	4.3	49
221	Ophiopogonin D, a Steroidal Glycoside Abrogates STAT3 Signaling Cascade and Exhibits Anti-Cancer Activity by Causing GSH/GSSG Imbalance in Lung Carcinoma. *Cancers*, **2018**, 10,	6.6	49
220	Molecular Mechanisms of Action of Tocotrienols in Cancer: Recent Trends and Advancements. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	48
219	Role of tumor-derived exosomes in cancer metastasis. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2019**, 1871, 12-19	11.2	48
218	6-Shogaol exerts anti-proliferative and pro-apoptotic effects through the modulation of STAT3 and MAPKs signaling pathways. *Molecular Carcinogenesis*, **2015**, 54, 1132-46	5	47
217	Anti-myeloma Effects of Icariin Are Mediated Through the Attenuation of JAK/STAT3-Dependent Signaling Cascade. *Frontiers in Pharmacology*, **2018**, 9, 531	5.6	47
216	NGAL is Downregulated in Oral Squamous Cell Carcinoma and Leads to Increased Survival, Proliferation, Migration and Chemoresistance. *Cancers*, **2018**, 10,	6.6	47
215	'Lnc'-ing Wnt in female reproductive cancers: therapeutic potential of long non-coding RNAs in Wnt signalling. *British Journal of Pharmacology*, **2017**, 174, 4684-4700	8.6	47
214	Emodin suppresses migration and invasion through the modulation of CXCR4 expression in an orthotopic model of human hepatocellular carcinoma. *PLoS ONE*, **2013**, 8, e57015	3.7	47
213	Targeting STAT3 signaling pathway in cancer by agents derived from Mother Nature. *Seminars in Cancer Biology*, **2020**, 80, 157-157	12.7	47
212	Ginkgolic Acid C 17:1, Derived from Ginkgo biloba Leaves, Suppresses Constitutive and Inducible STAT3 Activation through Induction of PTEN and SHP-1 Tyrosine Phosphatase. *Molecules*, **2017**, 22,	4.8	46

211	Potential role of targeted therapies in the treatment of triple-negative breast cancer. *Anti-Cancer Drugs*, **2016**, 27, 147-55	2.4	46
210	Intricate role of mitochondrial lipid in mitophagy and mitochondrial apoptosis: its implication in cancer therapeutics. *Cellular and Molecular Life Sciences*, **2019**, 76, 1641-1652	10.3	46
209	Wanted DEAD/H or Alive: Helicases Winding Up in Cancers. *Journal of the National Cancer Institute*, **2017**, 109,	9.7	45
208	ANXA1 inhibits miRNA-196a in a negative feedback loop through NF-kB and c-Myc to reduce breast cancer proliferation. *Oncotarget*, **2016**, 7, 27007-20	3.3	45
207	Embelin inhibits growth and induces apoptosis through the suppression of Akt/mTOR/S6K1 signaling cascades. *Prostate*, **2013**, 73, 296-305	4.2	44
206	Role of microRNA/Epithelial-to-Mesenchymal Transition Axis in the Metastasis of Bladder Cancer. *Biomolecules*, **2020**, 10,	5.9	42
205	Tocotrienols: the unsaturated sidekick shifting new paradigms in vitamin E therapeutics. *Drug Discovery Today*, **2017**, 22, 1765-1781	8.8	41
204	A novel 4,6-disubstituted-1,2,4-triazolo-1,3,4-thiadiazole derivative inhibits tumor cell invasion and potentiates the apoptotic effect of TNF by abrogating NF-B activation cascade. *Apoptosis: an International Journal on Programmed Cell Death*, **2017**, 22, 145-157	5.4	41
203	Caryophyllene oxide potentiates TNF induced apoptosis and inhibits invasion through down-modulation of NF-B-regulated gene products. *Apoptosis: an International Journal on Programmed Cell Death*, **2014**, 19, 708-18	5.4	40
202	Autophagy-modulating phytochemicals in cancer therapeutics: Current evidences and future perspectives. *Seminars in Cancer Biology*, **2020**,	12.7	40
201	Repurposing of drugs: An attractive pharmacological strategy for cancer therapeutics. *Seminars in Cancer Biology*, **2021**, 68, 258-278	12.7	40
200	Therapeutic implications of toll-like receptors in peripheral neuropathic pain. *Pharmacological Research*, **2017**, 115, 224-232	10.2	39
199	Brassinin Represses Invasive Potential of Lung Carcinoma Cells through Deactivation of PI3K/Akt/mTOR Signaling Cascade. *Molecules*, **2019**, 24,	4.8	39
198	TIPE Family of Proteins and Its Implications in Different Chronic Diseases. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	39
197	Potential Anti-Inflammatory and Anti-Cancer Properties of Farnesol. *Molecules*, **2018**, 23,	4.8	39
196	Brusatol, a Nrf2 Inhibitor Targets STAT3 Signaling Cascade in Head and Neck Squamous Cell Carcinoma. *Biomolecules*, **2019**, 9,	5.9	38
195	Celastrol Attenuates the Invasion and Migration and Augments the Anticancer Effects of Bortezomib in a Xenograft Mouse Model of Multiple Myeloma. *Frontiers in Pharmacology*, **2018**, 9, 365	5.6	38
194	Inhibition of p300 lysine acetyltransferase activity by luteolin reduces tumor growth in head and neck squamous cell carcinoma (HNSCC) xenograft mouse model. *Oncotarget*, **2015**, 6, 43806-18	3.3	38

193	Potential Benefits of Edible Berries in the Management of Aerodigestive and Gastrointestinal Tract Cancers: Preclinical and Clinical Evidence. *Critical Reviews in Food Science and Nutrition*, **2016**, 56, 1753-75	11.5	37
192	Artesunate suppresses tumor growth and induces apoptosis through the modulation of multiple oncogenic cascades in a chronic myeloid leukemia xenograft mouse model. *Oncotarget*, **2015**, 6, 4020-35	3.3	37
191	Role of Natural Products in Modulating Histone Deacetylases in Cancer. *Molecules*, **2019**, 24,	4.8	36
190	Mechanistic Involvement of Long Non-Coding RNAs in Oncotherapeutics Resistance in Triple-Negative Breast Cancer. *Cells*, **2020**, 9,	7.9	36
189	Cellular uptake of ginsenosides in Korean white ginseng and red ginseng and their apoptotic activities in human breast cancer cells. *Planta Medica*, **2011**, 77, 133-40	3.1	36
188	Phytometabolites Targeting the Warburg Effect in Cancer Cells: A Mechanistic Review. *Current Drug Targets*, **2017**, 18, 1086-1094	3	36
187	Modulation of diverse oncogenic transcription factors by thymoquinone, an essential oil compound isolated from the seeds of Nigella sativa Linn. *Pharmacological Research*, **2018**, 129, 357-364	10.2	36
186	Anti-cancer effects of oxymatrine are mediated through multiple molecular mechanism(s) in tumor models. *Pharmacological Research*, **2019**, 147, 104327	10.2	35
185	The IB Kinase Inhibitor ACHP Targets the STAT3 Signaling Pathway in Human Non-Small Cell Lung Carcinoma Cells. *Biomolecules*, **2019**, 9,	5.9	35
184	Stemness, Pluripotentiality, and Wnt Antagonism: sFRP4, a Wnt antagonist Mediates Pluripotency and Stemness in Glioblastoma. *Cancers*, **2018**, 11,	6.6	35
183	Nanoparticles Targeting STATs in Cancer Therapy. *Cells*, **2019**, 8,	7.9	34
182	Anticancer properties of nimbolide and pharmacokinetic considerations to accelerate its development. *Oncotarget*, **2016**, 7, 44790-44802	3.3	34
181	Sorcin a Potential Molecular Target for Cancer Therapy. *Translational Oncology*, **2018**, 11, 1379-1389	4.9	34
180	Corilagin in Cancer: A Critical Evaluation of Anticancer Activities and Molecular Mechanisms. *Molecules*, **2019**, 24,	4.8	33
179	A comprehensive review of genetic alterations and molecular targeted therapies for the implementation of personalized medicine in acute myeloid leukemia. *Journal of Molecular Medicine*, **2020**, 98, 1069-1091	5.5	33
178	A novel combinatorial strategy using Seliciclib( ) and Belinostat( ) for eradication of non-small cell lung cancer via apoptosis induction and BID activation. *Cancer Letters*, **2016**, 381, 49-57	9.9	33
177	Vitexin abrogates invasion and survival of hepatocellular carcinoma cells through targeting STAT3 signaling pathway. *Biochimie*, **2020**, 175, 58-68	4.6	33
176	Arctiin is a pharmacological inhibitor of STAT3 phosphorylation at tyrosine 705 residue and potentiates bortezomib-induced apoptotic and anti-angiogenic effects in human multiple myeloma cells. *Phytomedicine*, **2019**, 55, 282-292	6.5	33

175	Cytoskeletal Proteins in Cancer and Intracellular Stress: A Therapeutic Perspective. *Cancers*, **2020**, 12,	6.6	32
174	Molecular targets and anti-cancer potential of escin. *Cancer Letters*, **2018**, 422, 1-8	9.9	32
173	Development of Novel Triazolo-Thiadiazoles from Heterogeneous "Green" Catalysis as Protein Tyrosine Phosphatase 1B Inhibitors. *Scientific Reports*, **2015**, 5, 14195	4.9	32
172	Casticin-Induced Inhibition of Cell Growth and Survival Are Mediated through the Dual Modulation of Akt/mTOR Signaling Cascade. *Cancers*, **2019**, 11,	6.6	31
171	Cycloastragenol can negate constitutive STAT3 activation and promote paclitaxel-induced apoptosis in human gastric cancer cells. *Phytomedicine*, **2019**, 59, 152907	6.5	31
170	Influenza A virus enhances its propagation through the modulation of Annexin-A1 dependent endosomal trafficking and apoptosis. *Cell Death and Differentiation*, **2016**, 23, 1243-56	12.7	31
169	Wound healing activity and mechanisms of action of an antibacterial protein from the venom of the eastern diamondback rattlesnake (Crotalus adamanteus). *PLoS ONE*, **2014**, 9, e80199	3.7	31
168	Annexin-A1 regulates microRNA-26b* and microRNA-562 to directly target NF-Β and angiogenesis in breast cancer cells. *PLoS ONE*, **2014**, 9, e114507	3.7	31
167	Flavopiridol suppresses tumor necrosis factor-induced activation of activator protein-1, c-Jun N-terminal kinase, p38 mitogen-activated protein kinase (MAPK), p44/p42 MAPK, and Akt, inhibits expression of antiapoptotic gene products, and enhances apoptosis through cytochrome c release and caspase activation in human myeloid cells. *Molecular Pharmacology*, **2008**, 73, 1549-57	4.3	31
166	Wnt signaling mediates TLR pathway and promote unrestrained adipogenesis and metaflammation: Therapeutic targets for obesity and type 2 diabetes. *Pharmacological Research*, **2020**, 152, 104602	10.2	31
165	A unique CDK4/6 inhibitor: Current and future therapeutic strategies of abemaciclib. *Pharmacological Research*, **2020**, 156, 104686	10.2	30
164	Ophiopogonin D modulates multiple oncogenic signaling pathways, leading to suppression of proliferation and chemosensitization of human lung cancer cells. *Phytomedicine*, **2018**, 40, 165-175	6.5	30
163	An anthraquinone derivative, emodin sensitizes hepatocellular carcinoma cells to TRAIL induced apoptosis through the induction of death receptors and downregulation of cell survival proteins. *Apoptosis: an International Journal on Programmed Cell Death*, **2013**, 18, 1175-87	5.4	30
162	Anti-cancer activity of novel dibenzo[b,f]azepine tethered isoxazoline derivatives. *BMC Chemical Biology*, **2012**, 12, 5		30
161	Novel Synthetic Oxazines Target NF-Β in Colon Cancer In Vitro and Inflammatory Bowel Disease In Vivo. *PLoS ONE*, **2016**, 11, e0163209	3.7	30
160	Adamantyl-tethered-biphenylic compounds induce apoptosis in cancer cells by targeting Bcl homologs. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 1056-1060	2.9	29
159	Isorhynchophylline, a Potent Plant Alkaloid, Induces Apoptotic and Anti-Metastatic Effects in Human Hepatocellular Carcinoma Cells through the Modulation of Diverse Cell Signaling Cascades. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	29
158	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

157	Hydrogen sulfide inhibits ATP-induced neuroinflammation and A synthesis by suppressing the activation of STAT3 and cathepsin S. *Brain, Behavior, and Immunity*, **2018**, 73, 603-614	16.6	27
156	Microwave-assisted synthesis, characterization and cytotoxic studies of novel estrogen receptor ligands towards human breast cancer cells. *Bioorganic and Medicinal Chemistry Letters*, **2015**, 25, 1804-1807	2.9	27
155	Synthetic Lethality of a Novel Small Molecule Against Mutant KRAS-Expressing Cancer Cells Involves AKT-Dependent ROS Production. *Antioxidants and Redox Signaling*, **2016**, 24, 781-94	8.4	27
154	Potential application of zerumbone in the prevention and therapy of chronic human diseases. *Journal of Functional Foods*, **2019**, 53, 248-258	5.1	27
153	Pharmacological Utilization of Bergamottin, Derived from Grapefruits, in Cancer Prevention and Therapy. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	27
152	The butanol fraction of guava (Psidium cattleianum Sabine) leaf extract suppresses MMP-2 and MMP-9 expression and activity through the suppression of the ERK1/2 MAPK signaling pathway. *Nutrition and Cancer*, **2012**, 64, 255-66	2.8	26
151	The pleiotropic role of transcription factor STAT3 in oncogenesis and its targeting through natural products for cancer prevention and therapy. *Medicinal Research Reviews*, **2020**, 41, 1291	14.4	26
150	The role of hydrogen sulfide in cyclic nucleotide signaling. *Biochemical Pharmacology*, **2018**, 149, 20-28	6	26
149	A Review on Liquid Chromatography-Tandem Mass Spectrometry Methods for Rapid Quantification of Oncology Drugs. *Pharmaceutics*, **2018**, 10,	6.4	26
148	Conditioned media from adipocytes promote proliferation, migration, and invasion in melanoma and colorectal cancer cells. *Journal of Cellular Physiology*, **2019**, 234, 18249-18261	7	25
147	Encapsulated human mesenchymal stem cells (eMSCs) as a novel anti-cancer agent targeting breast cancer stem cells: Development of 3D primed therapeutic MSCs. *International Journal of Biochemistry and Cell Biology*, **2019**, 110, 59-69	5.6	25
146	Mango (L.): a magnificent plant with cancer preventive and anticancer therapeutic potential. *Critical Reviews in Food Science and Nutrition*, **2021**, 61, 2125-2151	11.5	25
145	Deficiency of NRH:quinone oxidoreductase 2 differentially regulates TNF signaling in keratinocytes: up-regulation of apoptosis correlates with down-regulation of cell survival kinases. *Cancer Research* , **2007**, 67, 10004-11	10.1	25
144	Zyflamend, a polyherbal preparation, inhibits invasion, suppresses osteoclastogenesis, and potentiates apoptosis through down-regulation of NF-kappa B activation and NF-kappa B-regulated gene products. *Nutrition and Cancer*, **2007**, 57, 78-87	2.8	25
143	Annexin-A1 controls an ERK-RhoA-NF activation loop in breast cancer cells. *Biochemical and Biophysical Research Communications*, **2015**, 461, 47-53	3.4	24
142	Synthesis, biological evaluation and in silico and in vitro mode-of-action analysis of novel dihydropyrimidones targeting PPAR- *RSC Advances*, **2014**, 4, 45143-45146	3.7	24
141	Identification of a novel Calotropis procera protein that can suppress tumor growth in breast cancer through the suppression of NF- pathway. *PLoS ONE*, **2012**, 7, e48514	3.7	24
140	The vital role of ATP citrate lyase in chronic diseases. *Journal of Molecular Medicine*, **2020**, 98, 71-95	5.5	24

139	Topoisomerase inhibitors: Pharmacology and emerging nanoscale delivery systems. *Pharmacological Research*, **2020**, 151, 104551	10.2	24
138	Abrus agglutinin promotes irreparable DNA damage by triggering ROS generation followed by ATM-p73 mediated apoptosis in oral squamous cell carcinoma. *Molecular Carcinogenesis*, **2017**, 56, 2400-2413	5	23
137	Abrus agglutinin stimulates BMP-2-dependent differentiation through autophagic degradation of β-catenin in colon cancer stem cells. *Molecular Carcinogenesis*, **2018**, 57, 664-677	5	23
136	Engineering anti-cancer nanovaccine based on antigen cross-presentation. *Bioscience Reports*, **2019**, 39,	4.1	23
135	Flavokawain C Inhibits Cell Cycle and Promotes Apoptosis, Associated with Endoplasmic Reticulum Stress and Regulation of MAPKs and Akt Signaling Pathways in HCT 116 Human Colon Carcinoma Cells. *PLoS ONE*, **2016**, 11, e0148775	3.7	23
134	PPARγ Ligand-induced Annexin A1 Expression Determines Chemotherapy Response via Deubiquitination of Death Domain Kinase RIP in Triple-negative Breast Cancers. *Molecular Cancer Therapeutics*, **2017**, 16, 2528-2542	6.1	22
133	In vitro activation of murine peritoneal macrophages by ultraviolet B radiation: upregulation of CD18, production of NO, proinflammatory cytokines and a signal transduction pathway. *Molecular Immunology*, **2004**, 40, 1315-23	4.3	22
132	Functional interplay between YY1 and CARM1 promotes oral carcinogenesis. *Oncotarget*, **2019**, 10, 3709-3724	5.3	22
131	Corilagin Represses Epithelial to Mesenchymal Transition Process Through Modulating Wnt/β-Catenin Signaling Cascade. *Biomolecules*, **2020**, 10,	5.9	22
130	Chalepin: isolated from Ruta angustifolia L. Pers induces mitochondrial mediated apoptosis in lung carcinoma cells. *BMC Complementary and Alternative Medicine*, **2016**, 16, 389	4.7	22
129	Casticin inhibits growth and enhances ionizing radiation-induced apoptosis through the suppression of STAT3 signaling cascade. *Journal of Cellular Biochemistry*, **2019**, 120, 9787-9798	4.7	22
128	N-Substituted Pyrido-1,4-Oxazin-3-Ones Induce Apoptosis of Hepatocellular Carcinoma Cells by Targeting NF-κB Signaling Pathway. *Frontiers in Pharmacology*, **2018**, 9, 1125	5.6	22
127	Inhibition of the deubiquitinase USP9x induces pre-B cell homeobox 1 (PBX1) degradation and thereby stimulates prostate cancer cell apoptosis. *Journal of Biological Chemistry*, **2019**, 294, 4572-4582	5.4	21
126	Chrysophanic acid reduces testosterone-induced benign prostatic hyperplasia in rats by suppressing 5α-reductase and extracellular signal-regulated kinase. *Oncotarget*, **2017**, 8, 9500-9512	3.3	21
125	Involvement of MAP kinase signal transduction pathway in UVB-induced activation of macrophages in vitro. *Immunology Letters*, **2003**, 90, 123-30	4.1	21
124	Attenuation of STAT3 Signaling Cascade by Daidzin Can Enhance the Apoptotic Potential of Bortezomib against Multiple Myeloma. *Biomolecules*, **2019**, 10,	5.9	21
123	Pharmacological significance of the non-canonical NF-κB pathway in tumorigenesis. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2020**, 1874, 188449	11.2	21
122	Fangchinoline, a Bisbenzylisoquinoline Alkaloid can Modulate Cytokine-Impelled Apoptosis via the Dual Regulation of NF-κB and AP-1 Pathways. *Molecules*, **2019**, 24,	4.8	20

121	Targeted deletion of MKK4 gene potentiates TNF-induced apoptosis through the down-regulation of NF-kappa B activation and NF-kappa B-regulated antiapoptotic gene products. *Journal of Immunology*, **2007**, 179, 1926-33	5.3	20
120	Cytoskeletal Dynamics in Epithelial-Mesenchymal Transition: Insights into Therapeutic Targets for Cancer Metastasis. *Cancers*, **2021**, 13,	6.6	20
119	Pleiotropic Pharmacological Actions of Capsazepine, a Synthetic Analogue of Capsaicin, against Various Cancers and Inflammatory Diseases. *Molecules*, **2019**, 24,	4.8	19
118	Biopharmacological considerations for accelerating drug development of deguelin, a rotenoid with potent chemotherapeutic and chemopreventive potential. *Cancer*, **2019**, 125, 1789-1798	6.4	19
117	The Application of Embelin for Cancer Prevention and Therapy. *Molecules*, **2018**, 23,	4.8	19
116	Targeting Hypoxia-Inducible Factor-1-Mediated Metastasis for Cancer Therapy. *Antioxidants and Redox Signaling*, **2021**, 34, 1484-1497	8.4	19
115	Molecular Targets Modulated by Fangchinoline in Tumor Cells and Preclinical Models. *Molecules*, **2018**, 23,	4.8	19
114	Role of RNF20 in cancer development and progression - a comprehensive review. *Bioscience Reports* , **2018**, 38,	4.1	19
113	Caffeic acid and its derivatives as potential modulators of oncogenic molecular pathways: New hope in the fight against cancer. *Pharmacological Research*, **2021**, 171, 105759	10.2	19
112	Hydrogen Sulfide Prevents Elastin Loss and Attenuates Calcification Induced by High Glucose in Smooth Muscle Cells through Suppression of Stat3/Cathepsin S Signaling Pathway. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	18
111	Evidence that genetic deletion of the TNF receptor p60 or p80 inhibits Fas mediated apoptosis in macrophages. *Biochemical Pharmacology*, **2007**, 74, 1057-64	6	18
110	Therapeutic Potential of VEGI/TL1A in Autoimmunity and Cancer. *Advances in Experimental Medicine and Biology*, **2009**, 647, 207-15	3.6	17
109	Gamma Radiation-Induced Disruption of Cellular Junctions in HUVECs Is Mediated through Affecting MAPK/NF-B Inflammatory Pathways. *Oxidative Medicine and Cellular Longevity*, **2019**, 2019, 1486232	6.7	16
108	Plant lectins and their usage in preparing targeted nanovaccines for cancer immunotherapy. *Seminars in Cancer Biology*, **2020**,	12.7	16
107	SREBP-1c as a molecular bridge between lipogenesis and cell cycle progression of clear cell renal carcinoma. *Bioscience Reports*, **2017**, 37,	4.1	16
106	Viperatoxin-II: A novel viper venom protein as an effective bactericidal agent. *FEBS Open Bio*, **2015**, 5, 928-41	2.7	16
105	Vanillic acid attenuates testosterone-induced benign prostatic hyperplasia in rats and inhibits proliferation of prostatic epithelial cells. *Oncotarget*, **2017**, 8, 87194-87208	3.3	16
104	Neuronal Development-Related miRNAs as Biomarkers for Alzheimer's Disease, Depression, Schizophrenia and Ionizing Radiation Exposure. *Current Medicinal Chemistry*, **2021**, 28, 19-52	4.3	16

103	Long noncoding RNAs in triple-negative breast cancer: A new frontier in the regulation of tumorigenesis. *Journal of Cellular Physiology*, **2021**,	7	16
102	A brief update on potential molecular mechanisms underlying antimicrobial and wound-healing potency of snake venom molecules. *Biochemical Pharmacology*, **2016**, 115, 1-9	6	15
101	2,5-Dihydroxyacetophenone Induces Apoptosis of Multiple Myeloma Cells by Regulating the MAPK Activation Pathway. *Molecules*, **2017**, 22,	4.8	15
100	Butein and Its Role in Chronic Diseases. *Advances in Experimental Medicine and Biology*, **2016**, 928, 419-433	3.6	15
99	Snake venom phospholipases A(2): a novel tool against bacterial diseases. *Current Medicinal Chemistry*, **2012**, 19, 6150-62	4.3	14
98	Curcumin and its derivatives in cancer therapy: Potentiating antitumor activity of cisplatin and reducing side effects. *Phytotherapy Research*, **2021**,	6.7	14
97	Paradoxical functions of long noncoding RNAs in modulating STAT3 signaling pathway in hepatocellular carcinoma. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2021**, 1876, 188574	11.2	14
96	Potential Protective Effects of Ursolic Acid against Gamma Irradiation-Induced Damage Are Mediated through the Modulation of Diverse Inflammatory Mediators. *Frontiers in Pharmacology*, **2017**, 8, 352	5.6	13
95	Functionalized tetrahydro-1H-pyrido[4,3-b]indoles: a novel chemotype with Sirtuin 2 inhibitory activity. *European Journal of Medicinal Chemistry*, **2015**, 92, 145-55	6.8	12
94	Sphingosine 1-Phosphate Receptor 2 Induces Otoprotective Responses to Cisplatin Treatment. *Cancers*, **2020**, 12,	6.6	12
93	A facile assay to monitor secretory phospholipase A□using 8-anilino-1-naphthalenesulfonic acid. *Analytical Biochemistry*, **2014**, 461, 27-35	3.1	12
92	Anti-Inflammatory activity of Angelica keiskei through suppression of mitogen-activated protein kinases and nuclear factor-kappaB activation pathways. *Journal of Medicinal Food*, **2010**, 13, 691-9	2.8	12
91	Mending the bones with natural products. *Chemistry and Biology*, **2007**, 14, 738-40		12
90	Des-Aspartate-Angiotensin I Attenuates Mortality of Mice Exposed to Gamma Radiation via a Novel Mechanism of Action. *PLoS ONE*, **2015**, 10, e0138009	3.7	12
89	The Emerging Roles of the HERC Ubiquitin Ligases in Cancer. *Current Pharmaceutical Design*, **2018**, 24, 1676-1681	3.3	12
88	Pomegranate bioactive constituents target multiple oncogenic and oncosuppressive signaling for cancer prevention and intervention. *Seminars in Cancer Biology*, **2021**, 73, 265-293	12.7	12
87	Gallic acid for cancer therapy: Molecular mechanisms and boosting efficacy by nanoscopical delivery. *Food and Chemical Toxicology*, **2021**, 157, 112576	4.7	12
86	Novel phospholipase A2 inhibitors from python serum are potent peptide antibiotics. *Biochimie*, **2015**, 111, 30-44	4.6	11

85	The multidimensional role of the Wnt/Ecatenin signaling pathway in human malignancies. *Journal of Cellular Physiology*, **2021**,	7	11
84	Role of p38 mitogen-activated protein kinase and caspases in UV-B-induced apoptosis of murine peritoneal macrophages. *Photochemistry and Photobiology*, **2004**, 79, 48-54	3.6	11
83	Snake Venom Proteins: Development into Antimicrobial and Wound Healing Agents. *Mini-Reviews in Organic Chemistry*, **2014**, 11, 4-14	1.7	10
82	TNF-alpha-induced mitochondrial alterations in human T cells requires FADD and caspase-8 activation but not RIP and caspase-3 activation. *Antioxidants and Redox Signaling*, **2010**, 13, 821-31	8.4	10
81	Nigella Plants - Traditional Uses, Bioactive Phytoconstituents, Preclinical and Clinical Studies. *Frontiers in Pharmacology*, **2021**, 12, 625386	5.6	10
80	Designing precision medicine panels for drug refractory cancers targeting cancer stemness traits. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2021**, 1875, 188475	11.2	10
79	Design and synthesis of benzimidazole-based Rho kinase inhibitors for the treatment of glaucoma. *Bioorganic and Medicinal Chemistry*, **2017**, 25, 6071-6085	3.4	9
78	Epigenetic Effects of Curcumin in Cancer Prevention **2019**, 107-128		9
77	Molecular Targets of Ascochlorin and Its Derivatives for Cancer Therapy. *Advances in Protein Chemistry and Structural Biology*, **2017**, 108, 199-225	5.3	9
76	Formononetin Regulates Multiple Oncogenic Signaling Cascades and Enhances Sensitivity to Bortezomib in a Multiple Myeloma Mouse Model. *Biomolecules*, **2019**, 9,	5.9	9
75	The Role of Curcumin in Modern Medicine **2009**, 97-113		9
74	Role of protein kinase Cdelta in UV-B-induced apoptosis of macrophages in vitro. *Cellular Signalling*, **2005**, 17, 377-83	4.9	9
73	Wnt/ECatenin Signaling as a Driver of Hepatocellular Carcinoma Progression: An Emphasis on Molecular Pathways. *Journal of Hepatocellular Carcinoma*, **2021**, 8, 1415-1444	5.3	9
72	RNF6 promotes myeloma cell proliferation and survival by inducing glucocorticoid receptor polyubiquitination. *Acta Pharmacologica Sinica*, **2020**, 41, 394-403	8	9
71	A Brief Overview of the Antitumoral Actions of Leelamine. *Biomedicines*, **2019**, 7,	4.8	8
70	N'-Alkylaminosulfonyl Analogues of 6-Fluorobenzylideneindolinones with Desirable Physicochemical Profiles and Potent Growth Inhibitory Activities on Hepatocellular Carcinoma. *ChemMedChem*, **2015**, 10, 1548-58	3.7	8
69	Role of NF-κB and NF-κB-regulated Gene Products in Chemoresistance and Radioresistance. *Current Cancer Therapy Reviews*, **2006**, 2, 115-125	0.4	8
68	Deguelin targets multiple oncogenic signaling pathways to combat human malignancies. *Pharmacological Research*, **2021**, 166, 105487	10.2	8

67	LDL cholesterol promotes the proliferation of prostate and pancreatic cancer cells by activating the STAT3 pathway. *Journal of Cellular Physiology*, **2021**, 236, 5253-5264	7	8
66	Celastrol Alleviates Gamma Irradiation-Induced Damage by Modulating Diverse Inflammatory Mediators. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	7
65	Activation of c-Jun N-terminal kinase is required for ultraviolet B-induced apoptosis of murine peritoneal macrophages in vitro. *Journal of Photochemistry and Photobiology B: Biology*, **2004**, 73, 133-40	6.7	7
64	Circular RNAs in cell cycle regulation: Mechanisms to clinical significance. *Cell Proliferation*, **2021**, e13143	7.9	7
63	Bioactive compounds from marine invertebrates as potent anticancer drugs: the possible pharmacophores modulating cell death pathways. *Molecular Biology Reports*, **2020**, 47, 7209-7228	2.8	7
62	Bacteria as a treasure house of secondary metabolites with anticancer potential. *Seminars in Cancer Biology*, **2021**,	12.7	7
61	Role of histone acetyltransferase inhibitors in cancer therapy. *Advances in Protein Chemistry and Structural Biology*, **2021**, 125, 149-191	5.3	7
60	A Sensitive Liquid Chromatography-Tandem Mass Spectrometry Method for the Determination of Nimbolide in Mouse Serum: Application to a Preclinical Pharmacokinetics Study. *Pharmaceutics*, **2018**, 10,	6.4	6
59	Identification of novel peroxisome proliferator-activated receptor-gamma (PPAR) agonists using molecular modeling method. *Journal of Computer-Aided Molecular Design*, **2014**, 28, 1143-51	4.2	6
58	Combined use of irinotecan with histone deacetylase inhibitor belinostat could cause severe toxicity by inhibiting SN-38 glucuronidation via UGT1A1. *Oncotarget*, **2017**, 8, 41572-41581	3.3	6
57	Plant-based hydrocarbon esters from Tragia involucrata possess antimicrobial and anti-inflammatory activities. *Infectious Disorders - Drug Targets*, **2013**, 13, 141-53	1.1	6
56	Lauric acid ameliorates lipopolysaccharide (LPS)-induced liver inflammation by mediating TLR4/MyD88 pathway in Sprague Dawley (SD) rats. *Life Sciences*, **2021**, 265, 118750	6.8	6
55	Traditional Chinese Medicine in Neuroprotection after Brain Insults with Special Reference to Radioprotection. *Evidence-based Complementary and Alternative Medicine*, **2018**, 2018, 2767208	2.3	6
54	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
53	Synthesis and biological evaluation of tetrahydropyridinepyrazoles (PFPs) as inhibitors of STAT3 phosphorylation. *MedChemComm*, **2014**, 5, 32	5	5
52	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
51	A Novel Role of Bergamottin in Attenuating Cancer Associated Cachexia by Diverse Molecular Mechanisms. *Cancers*, **2021**, 13,	6.6	5
50	A comprehensive review of the multifaceted role of the microbiota in human pancreatic carcinoma. *Seminars in Cancer Biology*, **2021**,	12.7	5

49	Putting the BRK on breast cancer: From molecular target to therapeutics. *Theranostics*, **2021**, 11, 1115-1128	12.1	5
48	Diosgenin attenuates tumor growth and metastasis in transgenic prostate cancer mouse model by negatively regulating both NF-B/STAT3 signaling cascades. *European Journal of Pharmacology*, **2021**, 906, 174274	5.3	5
47	Celastrol in cancer therapy: Recent developments, challenges and prospects. *Cancer Letters*, **2021**, 521, 252-267	9.9	5
46	NMR structure of Carcinoscorpius rotundicauda thioredoxin-related protein 16 and its role in regulating transcription factor NF-B activity. *Journal of Biological Chemistry*, **2012**, 287, 29417-28	5.4	4
45	Role of NF-B in Tumorigenesis. *Forum on Immunopathological Diseases and Therapeutics*, **2013**, 4, 181-196		4
44	The potential role of exosomal circRNAs in the tumor microenvironment: insights into cancer diagnosis and therapy.. *Theranostics*, **2022**, 12, 87-104	12.1	4
43	3-Formylchromone Counteracts STAT3 Signaling Pathway by Elevating SHP-2 Expression in Hepatocellular Carcinoma.. *Biology*, **2021**, 11,	4.9	4
42	Suppression of essential pro-inflammatory signaling pathways by natural agents for the therapy of Multiple Myeloma. *Phytochemistry Reviews*, **2014**, 13, 79-106	7.7	3
41	Targeted Inhibition of Multiple Proinflammatory Signalling Pathways for the Prevention and Treatment of Multiple Myeloma **2012**,		3
40	Abstract 4123: Thymoquinone inhibits bone metastasis in a breast cancer mouse model by modulating CXCR4/CXCL12 signaling axis **2016**,		3
39	Pre-Clinical and Clinical Applications of Small Interfering RNAs (siRNA) and Co-Delivery Systems for Pancreatic Cancer Therapy.. *Cells*, **2021**, 10,	7.9	3
38	Fangchinoline diminishes STAT3 activation by stimulating oxidative stress and targeting SHP-1 protein in multiple myeloma model.. *Journal of Advanced Research*, **2022**, 35, 245-257	13	3
37	Modulation of diverse oncogenic transcription factors by thymoquinone, an essential oil compound isolated from the seeds of Nigella sativa Linn. *Pharmacological Research*, **2018**, 133, 213-214	10.2	3
36	Blockage of the JAK/STAT3 signaling pathway in multiple myeloma by leelamine. *Phytomedicine*, **2021**, 87, 153574	6.5	3
35	Non-coding RNAs and macrophage interaction in tumor progression.. *Critical Reviews in Oncology/Hematology*, **2022**, 103680	7	3
34	Role of Celastrol in Chemosensitization of Cancer **2018**, 141-150		2
33	Anticancer Effects of Agents Derived from Fruits and Vegetables Against Stomach Cancer **2015**, 309-335		2
32	Involvement of fas/fas ligand in ultraviolet B-induced apoptosis of murine peritoneal macrophages. *Toxicology Mechanisms and Methods*, **2004**, 14, 215-22	3.6	2

31	Abstract 4711: Targeted inhibition of STAT3 dimerization by garcinol suppresses the growth of human hepatocellular carcinomain vitroandin vivo. **2013**,		2
30	Role of p38 Mitogen-activated Protein Kinase and Caspases in UV-B□nduced Apoptosis of Murine Peritoneal Macrophages¶. *Photochemistry and Photobiology*, **2004**, 79, 48	3.6	2
29	Gene Microarray Analyses of Daboia russelli russelli Daboiatoxin Treatment of THP-1 Human Macrophages Infected with Burkholderia pseudomallei. *Current Molecular Medicine*, **2015**, 15, 961-74	2.5	2
28	Synthesis, Cytotoxic and Heparanase Inhibition Studies of 5-oxo-1-arylpyrrolidine-3- carboxamides of Hydrazides and 4-amino-5-aryl-4H-1,2,4-triazole-3-thiol. *Current Organic Synthesis*, **2020**, 17, 243-250	1.9	2
27	Targeting Cancer Stem Cells by Dietary Agents: An Important Therapeutic Strategy against Human Malignancies. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
26	Possible Involvement of Signal Transducer and Activator of Transcription-3 (STAT3) Signaling Pathway in the Initiation and Progression of Hepatocellular Carcinoma **2014**, 73-87		2
25	Novel amide analogues of quinazoline carboxylate display selective antiproliferative activity and potent EGFR inhibition. *Medicinal Chemistry Research*, **2020**, 29, 2112-2122	2.2	2
24	Functional characterization of selective exosite-binding inhibitors of matrix metalloproteinase-13 (MMP-13) - experimental validation in human breast and colon cancer. *Bioscience, Biotechnology and Biochemistry*, **2016**, 80, 2122-2131	2.1	2
23	Early Life Irradiation-Induced Hypoplasia and Impairment of Neurogenesis in the Dentate Gyrus and Adult Depression Are Mediated by MicroRNA- 34a-5p/T-Cell Intracytoplasmic Antigen-1 Pathway. *Cells*, **2021**, 10,	7.9	2
22	Daidzin targets epithelial-to-mesenchymal transition process by attenuating manganese superoxide dismutase expression and PI3K/Akt/mTOR activation in tumor cells.. *Life Sciences*, **2022**, 295, 120395	6.8	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	Identification of natural peptides as a new class of antimalarial drugs by approaches. *Frontiers in Bioscience - Scholar*, **2017**, 9, 88-110	2.4	1
18	Caspase-9 and Bax/Bcl-2 regulation in ultraviolet B-induced apoptosis of murine peritoneal macrophages. *Toxicology Mechanisms and Methods*, **2004**, 14, 323-9	3.6	1
17	Role of p38 Mitogen-activated Protein Kinase and Caspases in UV-B-induced Apoptosis of Murine Peritoneal Macrophages¶. *Photochemistry and Photobiology*, **2004**, 79, 48-54	3.6	1
16	Chapter 4 Triterpenoids and Sesquiterpenoids for Prostate Cancer Therapy. *Traditional Herbal Medicines for Modern Times*, **2016**, 93-110		1
15	Black cardamom (Amomum subulatum Roxb.) fruit extracts exhibit apoptotic activity against lung cancer cells.. *Journal of Ethnopharmacology*, **2021**, 114953	5	1
14	Spatiotemporal dynamics of □H2AX in the mouse brain after acute irradiation at different postnatal days with special reference to the dentate gyrus of the hippocampus. *Aging*, **2021**, 13, 15815-15832	5.6	1

13	Epigenetic derepression converts PPARinto a druggable target in triple-negative and endocrine-resistant breast cancers. *Cell Death Discovery*, **2021**, 7, 265	6.9	1
12	In response to "Comment on "Regulation of Nuclear Factor-KappaB (NF-B) signaling pathway by non-coding RNAs in cancer: Inhibiting or promoting carcinogenesis?" Cancer Lett. 2021 May 2; 509 (2021) 63-80". *Cancer Letters*, **2021**, 516, 36-37	9.9	1
11	An Overview of the Pharmacological Activities of Scopoletin against Different Chronic Diseases.. *Pharmacological Research*, **2022**, 106202	10.2	1
10	Repurposing Artemisinin and its Derivatives as Anticancer Drugs: A Chance or Challenge?. *Frontiers in Pharmacology*, **2021**, 12, 828856	5.6	1
9	Anti-Inflammatory and Anticancer Properties of Birch Bark-Derived Betulin: Recent Developments.. *Plants*, **2021**, 10,	4.5	1
8	Targeting Nuclear Receptors in Lung CancerNovel Therapeutic Prospects. *Pharmaceuticals*, **2022**, 15, 624	5.2	1
7	PAX9 reactivation by inhibiting DNA methyltransferase triggers antitumor effect in oral squamous cell carcinoma.. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2022**, 166428	6.9	0
6	Anti-Proliferative and Pro-Apoptotic Effects of Bioactive Constituents Derived from Fruits and Vegetables Against Colorectal Cancer **2015**, 103-129		
5	Role of Nuclear Factor-B Pathway in Gastrointestinal Inflammation and Cancer **2012**, 239-257		
4	Molecular mechanisms of cell death **2022**, 65-92		
3	Targeting Inflammatory Pathways by Nutraceuticals for Prevention and Treatment of Arthritis **2011** , 295-323		
2	Cancer preventive role of olives and olive oil via modulation of apoptosis and nuclear factor-kappa B activation **2021**, 377-388		
1	Colon Cancer Chemoresistance and Chemosensitization **2018**, 181-226		