

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

235 papers	11,806 citations	61 h-index	100 g-index
256 ext. papers	13,202 ext. citations	6 avg, IF	6.46 L-index

#	Paper	IF	Citations
235	Acquisition of epithelial-mesenchymal transition phenotype of gemcitabine-resistant pancreatic cancer cells is linked with activation of the notch signaling pathway. <i>Cancer Research</i> , 2009 , 69, 2400-7	10.1	519
234	Gemcitabine sensitivity can be induced in pancreatic cancer cells through modulation of miR-200 and miR-21 expression by curcumin or its analogue CDF. <i>Cancer Research</i> , 2010 , 70, 3606-17	10.1	376
233	Evolving role of uPA/uPAR system in human cancers. <i>Cancer Treatment Reviews</i> , 2008 , 34, 122-36	14.4	334
232	Epithelial to mesenchymal transition is mechanistically linked with stem cell signatures in prostate cancer cells. <i>PLoS ONE</i> , 2010 , 5, e12445	3.7	318
231	Metformin inhibits cell proliferation, migration and invasion by attenuating CSC function mediated by deregulating miRNAs in pancreatic cancer cells. <i>Cancer Prevention Research</i> , 2012 , 5, 355-64	3.2	273
230	Targeting miRNAs involved in cancer stem cell and EMT regulation: An emerging concept in overcoming drug resistance. <i>Drug Resistance Updates</i> , 2010 , 13, 109-18	23.2	273
229	miR-200 regulates PDGF-D-mediated epithelial-mesenchymal transition, adhesion, and invasion of prostate cancer cells. <i>Stem Cells</i> , 2009 , 27, 1712-21	5.8	264
228	Notch-1 induces epithelial-mesenchymal transition consistent with cancer stem cell phenotype in pancreatic cancer cells. <i>Cancer Letters</i> , 2011 , 307, 26-36	9.9	261
227	Pancreatic cancer: understanding and overcoming chemoresistance. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2011 , 8, 27-33	24.2	257
226	Curcumin analogue CDF inhibits pancreatic tumor growth by switching on suppressor microRNAs and attenuating EZH2 expression. <i>Cancer Research</i> , 2012 , 72, 335-45	10.1	251
225	Perspectives on medicinal properties of plumbagin and its analogs. <i>Medicinal Research Reviews</i> , 2012 , 32, 1131-58	14.4	201
224	Putative mechanism for anticancer and apoptosis-inducing properties of plant-derived polyphenolic compounds. <i>IUBMB Life</i> , 2000 , 50, 167-71	4.7	186
223	Over-expression of FoxM1 leads to epithelial-mesenchymal transition and cancer stem cell phenotype in pancreatic cancer cells. <i>Journal of Cellular Biochemistry</i> , 2011 , 112, 2296-306	4.7	171
222	Anti-oxidant, pro-oxidant properties of tannic acid and its binding to DNA. <i>Chemico-Biological Interactions</i> , 2000 , 125, 177-89	5	168
221	Phosphoglucose isomerase/autocrine motility factor mediates epithelial-mesenchymal transition regulated by miR-200 in breast cancer cells. <i>Cancer Research</i> , 2011 , 71, 3400-9	10.1	155
220	Down-regulation of Notch-1 and Jagged-1 inhibits prostate cancer cell growth, migration and invasion, and induces apoptosis via inactivation of Akt, mTOR, and NF-kappaB signaling pathways. <i>Journal of Cellular Biochemistry</i> , 2010 , 109, 726-36	4.7	154
219	Overview of cancer stem cells (CSCs) and mechanisms of their regulation: implications for cancer therapy. <i>Current Protocols in Pharmacology</i> , 2013 , Chapter 14, Unit 14.25	4.1	148

218	Hypoxia-induced aggressiveness of pancreatic cancer cells is due to increased expression of VEGF, IL-6 and miR-21, which can be attenuated by CDF treatment. <i>PLoS ONE</i> , 2012 , 7, e50165	3.7	133
217	The role of microRNAs in breast cancer migration, invasion and metastasis. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 13414-37	6.3	133
216	Plumbagin-induced apoptosis of human breast cancer cells is mediated by inactivation of NF-kappaB and Bcl-2. <i>Journal of Cellular Biochemistry</i> , 2008 , 105, 1461-71	4.7	129
215	Forkhead box M1 transcription factor: a novel target for cancer therapy. <i>Cancer Treatment Reviews</i> , 2010 , 36, 151-6	14.4	126
214	Emerging role of Garcinol, the antioxidant chalcone from <i>Garcinia indica</i> Choisy and its synthetic analogs. <i>Journal of Hematology and Oncology</i> , 2009 , 2, 38	22.4	124
213	Garcinol regulates EMT and Wnt signaling pathways in vitro and in vivo, leading to anticancer activity against breast cancer cells. <i>Molecular Cancer Therapeutics</i> , 2012 , 11, 2193-201	6.1	123
212	Targeting Notch signaling pathway to overcome drug resistance for cancer therapy. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2010 , 1806, 258-67	11.2	120
211	Targeted regulation of PI3K/Akt/mTOR/NF-B signaling by indole compounds and their derivatives: mechanistic details and biological implications for cancer therapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013 , 13, 1002-13	2.2	116
210	FoxM1 down-regulation leads to inhibition of proliferation, migration and invasion of breast cancer cells through the modulation of extra-cellular matrix degrading factors. <i>Breast Cancer Research and Treatment</i> , 2010 , 122, 337-46	4.4	115
209	Perspectives on new synthetic curcumin analogs and their potential anticancer properties. <i>Current Pharmaceutical Design</i> , 2013 , 19, 2047-69	3.3	115
208	Cross-talk between miRNA and Notch signaling pathways in tumor development and progression. <i>Cancer Letters</i> , 2010 , 292, 141-8	9.9	109
207	DNA breakage by resveratrol and Cu(II): reaction mechanism and bacteriophage inactivation. <i>Cancer Letters</i> , 2000 , 154, 29-37	9.9	109
206	Up-regulation of sonic hedgehog contributes to TGF- β -induced epithelial to mesenchymal transition in NSCLC cells. <i>PLoS ONE</i> , 2011 , 6, e16068	3.7	109
205	Genistein inhibits cell growth and induces apoptosis through up-regulation of miR-34a in pancreatic cancer cells. <i>Current Drug Targets</i> , 2012 , 13, 1750-6	3	106
204	A prooxidant mechanism for the anticancer and chemopreventive properties of plant polyphenols. <i>Current Drug Targets</i> , 2012 , 13, 1738-49	3	105
203	From here to eternity - the secret of Pharaohs: Therapeutic potential of black cumin seeds and beyond. <i>Cancer Therapy</i> , 2008 , 6, 495-510		102
202	Inhibition of Hedgehog signaling sensitizes NSCLC cells to standard therapies through modulation of EMT-regulating miRNAs. <i>Journal of Hematology and Oncology</i> , 2013 , 6, 77	22.4	99
201	Hypoxia induced aggressiveness of prostate cancer cells is linked with deregulated expression of VEGF, IL-6 and miRNAs that are attenuated by CDF. <i>PLoS ONE</i> , 2012 , 7, e43726	3.7	99

200	Pancreatic cancer stem cells: emerging target for designing novel therapy. <i>Cancer Letters</i> , 2013 , 338, 94-100	9.9	98
199	Inclusion complex of novel curcumin analogue CDF and β -cyclodextrin (1:2) and its enhanced in vivo anticancer activity against pancreatic cancer. <i>Pharmaceutical Research</i> , 2012 , 29, 1775-86	4.5	98
198	Epigenetic deregulation of miR-29a and miR-1256 by isoflavone contributes to the inhibition of prostate cancer cell growth and invasion. <i>Epigenetics</i> , 2012 , 7, 940-9	5.7	97
197	The biological kinship of hypoxia with CSC and EMT and their relationship with deregulated expression of miRNAs and tumor aggressiveness. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2012 , 1826, 272-96	11.2	94
196	Anticancer properties of indole compounds: mechanism of apoptosis induction and role in chemotherapy. <i>Current Drug Targets</i> , 2010 , 11, 652-66	3	88
195	Breast Cancer Statistics: Recent Trends. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1152, 1-7	3.6	79
194	Prooxidant activity of resveratrol in the presence of copper ions: mutagenicity in plasmid DNA. <i>Toxicology Letters</i> , 2005 , 159, 1-12	4.4	78
193	Histone deacetylase inhibitors induce epithelial-to-mesenchymal transition in prostate cancer cells. <i>PLoS ONE</i> , 2012 , 7, e45045	3.7	78
192	Perspectives on New Synthetic Curcumin Analogs and their Potential Anticancer Properties. <i>Current Pharmaceutical Design</i> , 2013 , 19, 2047-2069	3.3	77
191	Cancer Chemoprevention by Phytochemicals: Nature's Healing Touch. <i>Molecules</i> , 2017 , 22,	4.8	75
190	Apoptosis-inducing effect of erlotinib is potentiated by 3,3'-diindolylmethane in vitro and in vivo using an orthotopic model of pancreatic cancer. <i>Molecular Cancer Therapeutics</i> , 2008 , 7, 1708-19	6.1	75
189	Down-regulation of Notch-1 is associated with Akt and FoxM1 in inducing cell growth inhibition and apoptosis in prostate cancer cells. <i>Journal of Cellular Biochemistry</i> , 2011 , 112, 78-88	4.7	74
188	Plant polyphenol induced cell death in human cancer cells involves mobilization of intracellular copper ions and reactive oxygen species generation: a mechanism for cancer chemopreventive action. <i>Molecular Nutrition and Food Research</i> , 2014 , 58, 437-46	5.9	73
187	Soy isoflavone genistein induces cell death in breast cancer cells through mobilization of endogenous copper ions and generation of reactive oxygen species. <i>Molecular Nutrition and Food Research</i> , 2011 , 55, 553-9	5.9	73
186	Inhibitory effect of curcumin on oral carcinoma CAL-27 cells via suppression of Notch-1 and NF- κ B signaling pathways. <i>Journal of Cellular Biochemistry</i> , 2011 , 112, 1055-65	4.7	72
185	Redox cycling of endogenous copper by thymoquinone leads to ROS-mediated DNA breakage and consequent cell death: putative anticancer mechanism of antioxidants. <i>Cell Death and Disease</i> , 2013 , 4, e660	9.8	71
184	TW-37, a small-molecule inhibitor of Bcl-2, inhibits cell growth and induces apoptosis in pancreatic cancer: involvement of Notch-1 signaling pathway. <i>Cancer Research</i> , 2009 , 69, 2757-65	10.1	71
183	The Role of Cancer Stem Cells in Recurrent and Drug-Resistant Lung Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 890, 57-74	3.6	68

182	MicroRNAs in gynecological cancers: Small molecules with big implications. <i>Cancer Letters</i> , 2017 , 407, 123-138	9.9	67
181	Pathways to breast cancer recurrence. <i>ISRN Oncology</i> , 2013 , 2013, 290568		66
180	Perspectives on medicinal properties of mangiferin. <i>Mini-Reviews in Medicinal Chemistry</i> , 2012 , 12, 412-25.2	3.2	64
179	Resveratrol mobilizes endogenous copper in human peripheral lymphocytes leading to oxidative DNA breakage: a putative mechanism for chemoprevention of cancer. <i>Pharmaceutical Research</i> , 2010 , 27, 979-88	4.5	64
178	Apoptosis-inducing effect of garcinol is mediated by NF-kappaB signaling in breast cancer cells. <i>Journal of Cellular Biochemistry</i> , 2010 , 109, 1134-41	4.7	64
177	Targeting the Hedgehog signaling pathway for cancer therapy. <i>Expert Opinion on Therapeutic Targets</i> , 2012 , 16, 49-66	6.4	61
176	Emerging roles of PDGF-D signaling pathway in tumor development and progression. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2010 , 1806, 122-30	11.2	61
175	Aging and inflammation: etiological culprits of cancer. <i>Current Aging Science</i> , 2009 , 2, 174-86	2.2	61
174	3,3PDIindolylmethane enhances taxotere-induced apoptosis in hormone-refractory prostate cancer cells through survivin down-regulation. <i>Cancer Research</i> , 2009 , 69, 4468-75	10.1	59
173	Synthesis, characterization, molecular docking and cytotoxic activity of novel plumbagin hydrazones against breast cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012 , 22, 3104-8	2.9	58
172	Targeting notch to eradicate pancreatic cancer stem cells for cancer therapy. <i>Anticancer Research</i> , 2011 , 31, 1105-13	2.3	58
171	Functional role of miR-10b in tamoxifen resistance of ER-positive breast cancer cells through down-regulation of HDAC4. <i>BMC Cancer</i> , 2015 , 15, 540	4.8	57
170	Recent updates on the role of microRNAs in prostate cancer. <i>Journal of Hematology and Oncology</i> , 2012 , 5, 9	22.4	57
169	Anticancer action of garcinol in vitro and in vivo is in part mediated through inhibition of STAT-3 signaling. <i>Carcinogenesis</i> , 2012 , 33, 2450-6	4.6	56
168	From body art to anticancer activities: perspectives on medicinal properties of henna. <i>Current Drug Targets</i> , 2012 , 13, 1777-98	3	55
167	Novel strategies targeting cancer stem cells through phytochemicals and their analogs. <i>Drug Delivery and Translational Research</i> , 2013 , 3, 165-82	6.2	54
166	Cancer Therapy by Catechins Involves Redox Cycling of Copper Ions and Generation of Reactive Oxygen species. <i>Toxins</i> , 2016 , 8, 37	4.9	54
165	The complexities of obesity and diabetes with the development and progression of pancreatic cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2011 , 1815, 135-46	11.2	52

164	Platelet-derived growth factor-D contributes to aggressiveness of breast cancer cells by up-regulating Notch and NF- κ B signaling pathways. <i>Breast Cancer Research and Treatment</i> , 2011 , 126, 15-25	4.4	52
163	Chemoprevention of pancreatic cancer: characterization of Par-4 and its modulation by 3,3P diindolylmethane (DIM). <i>Pharmaceutical Research</i> , 2008 , 25, 2117-24	4.5	52
162	Fluorinated 2Phydroxychalcones as garcinol analogs with enhanced antioxidant and anticancer activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 5818-21	2.9	51
161	Down-regulation of uPA and uPAR by 3,3P diindolylmethane contributes to the inhibition of cell growth and migration of breast cancer cells. <i>Journal of Cellular Biochemistry</i> , 2009 , 108, 916-25	4.7	50
160	FoxM1 is a novel target of a natural agent in pancreatic cancer. <i>Pharmaceutical Research</i> , 2010 , 27, 1159-68	4.5	49
159	Coinage metal complexes against breast cancer. <i>Current Medicinal Chemistry</i> , 2012 , 19, 3949-56	4.3	47
158	Inactivation of uPA and its receptor uPAR by 3,3P diindolylmethane (DIM) leads to the inhibition of prostate cancer cell growth and migration. <i>Journal of Cellular Biochemistry</i> , 2009 , 107, 516-27	4.7	46
157	Expression of microRNAs: potential molecular link between obesity, diabetes and cancer. <i>Obesity Reviews</i> , 2011 , 12, 1050-62	10.6	45
156	Oral administration of copper to rats leads to increased lymphocyte cellular DNA degradation by dietary polyphenols: implications for a cancer preventive mechanism. <i>BioMetals</i> , 2011 , 24, 1169-78	3.4	45
155	Targeting CSCs in tumor microenvironment: the potential role of ROS-associated miRNAs in tumor aggressiveness. <i>Current Stem Cell Research and Therapy</i> , 2014 , 9, 22-35	3.6	43
154	Pancreatic cancer stem-like cells display aggressive behavior mediated via activation of FoxQ1. <i>Journal of Biological Chemistry</i> , 2014 , 289, 14520-33	5.4	42
153	Induction of cancer cell death by isoflavone: the role of multiple signaling pathways. <i>Nutrients</i> , 2011 , 3, 877-96	6.7	42
152	Targeting CSC-related miRNAs for cancer therapy by natural agents. <i>Current Drug Targets</i> , 2012 , 13, 1858-68	5.8	42
151	Deregulation of miR-146a expression in a mouse model of pancreatic cancer affecting EGFR signaling. <i>Cancer Letters</i> , 2014 , 351, 134-42	9.9	40
150	Arsenic trioxide inhibits cell growth and induces apoptosis through inactivation of notch signaling pathway in breast cancer. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 9627-41	6.3	40
149	Plumbagin induces cell death through a copper-redox cycle mechanism in human cancer cells. <i>Mutagenesis</i> , 2009 , 24, 413-8	2.8	39
148	Prooxidant and antioxidant activities of bilirubin and its metabolic precursor biliverdin: a structure-activity study. <i>Chemico-Biological Interactions</i> , 2001 , 137, 59-74	5	39
147	Oxidative DNA damage by capsaicin and dihydrocapsaicin in the presence of Cu(II). <i>Cancer Letters</i> , 2001 , 169, 139-46	9.9	39

146	Antioxidant function of isoflavone and 3,3Pdiindolylmethane: are they important for cancer prevention and therapy?. <i>Antioxidants and Redox Signaling</i> , 2013 , 19, 139-50	8.4	38
145	3,3PDiindolylmethane enhances taxotere-induced growth inhibition of breast cancer cells through downregulation of FoxM1. <i>International Journal of Cancer</i> , 2011 , 129, 1781-91	7.5	38
144	Hydroxytyrosol Induces Apoptosis and Cell Cycle Arrest and Suppresses Multiple Oncogenic Signaling Pathways in Prostate Cancer Cells. <i>Nutrition and Cancer</i> , 2017 , 69, 932-942	2.8	37
143	Erlotinib resistance in lung cancer: current progress and future perspectives. <i>Frontiers in Pharmacology</i> , 2013 , 4, 15	5.6	37
142	miR-20b is up-regulated in brain metastases from primary breast cancers. <i>Oncotarget</i> , 2015 , 6, 12188-953.3	3.3	37
141	Up-regulation of microRNA-10b is associated with the development of breast cancer brain metastasis. <i>American Journal of Translational Research (discontinued)</i> , 2014 , 6, 384-90	3	37
140	MicroRNA-34a: A Versatile Regulator of Myriads of Targets in Different Cancers. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	35
139	Targeting bone remodeling by isoflavone and 3,3Pdiindolylmethane in the context of prostate cancer bone metastasis. <i>PLoS ONE</i> , 2012 , 7, e33011	3.7	35
138	Inactivation of AR/TMPRSS2-ERG/Wnt signaling networks attenuates the aggressive behavior of prostate cancer cells. <i>Cancer Prevention Research</i> , 2011 , 4, 1495-506	3.2	35
137	Activated K-ras and INK4a/Arf deficiency cooperate during the development of pancreatic cancer by activation of Notch and NF- κ B signaling pathways. <i>PLoS ONE</i> , 2011 , 6, e20537	3.7	35
136	3, 3PDiindolylmethane enhances the effectiveness of herceptin against HER-2/neu-expressing breast cancer cells. <i>PLoS ONE</i> , 2013 , 8, e54657	3.7	34
135	Regulation of Cell Signaling Pathways and miRNAs by Resveratrol in Different Cancers. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	33
134	Targeting CSCs within the tumor microenvironment for cancer therapy: a potential role of mesenchymal stem cells. <i>Expert Opinion on Therapeutic Targets</i> , 2012 , 16, 1041-54	6.4	33
133	Flavonoids-induced redox cycling of copper ions leads to generation of reactive oxygen species: A potential role in cancer chemoprevention. <i>International Journal of Biological Macromolecules</i> , 2018 , 106, 569-578	7.9	32
132	Impact of sex differences and gender specificity on behavioral characteristics and pathophysiology of neurodegenerative disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2019 , 102, 95-105	9	31
131	Mobilization of Copper ions by Flavonoids in Human Peripheral Lymphocytes Leads to Oxidative DNA Breakage: A Structure Activity Study. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 26754-69	6.3	31
130	Parathyroid hormone regulation of Na^+ , K^+ -ATPase requires the PDZ 1 domain of sodium hydrogen exchanger regulatory factor-1 in opossum kidney cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2005 , 16, 2598-607	12.7	31
129	Curcumin-Mediated Apoptotic Cell Death in Papillary Thyroid Cancer and Cancer Stem-Like Cells through Targeting of the JAK/STAT3 Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	30

128	The prooxidant action of dietary antioxidants leading to cellular DNA breakage and anticancer effects: implications for chemotherapeutic action against cancer. <i>Cell Biochemistry and Biophysics</i> , 2013 , 67, 431-8	3.2	30
127	Perspectives on the role of isoflavones in prostate cancer. <i>AAPS Journal</i> , 2013 , 15, 991-1000	3.7	30
126	Deregulation of PI3K/Akt/mTOR signaling pathways by isoflavones and its implication in cancer treatment. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013 , 13, 1014-24	2.2	30
125	Emerging evidence for the role of differential tumor microenvironment in breast cancer racial disparity: a closer look at the surroundings. <i>Carcinogenesis</i> , 2017 , 38, 757-765	4.6	29
124	Synthesis, characterization and anti-tumor activity of moxifloxacin-copper complexes against breast cancer cell lines. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 1802-6	2.9	29
123	Epigenetic regulation of miRNA-cancer stem cells nexus by nutraceuticals. <i>Molecular Nutrition and Food Research</i> , 2014 , 58, 79-86	5.9	28
122	Differentially expressed miRNAs in cancer-stem-like cells: markers for tumor cell aggressiveness of pancreatic cancer. <i>Stem Cells and Development</i> , 2014 , 23, 1947-58	4.4	28
121	Cancer chemopreventive pharmacology of phytochemicals derived from plants of dietary and non-dietary origin: implication for alternative and complementary approaches. <i>Phytochemistry Reviews</i> , 2014 , 13, 811-833	7.7	27
120	Cancer selective metallocenedicarboxylates of the fungal cytotoxin illudin M. <i>Journal of Medicinal Chemistry</i> , 2011 , 54, 6177-82	8.3	27
119	Mechanisms and therapeutic implications of cell death induction by indole compounds. <i>Cancers</i> , 2011 , 3, 2955-74	6.6	27
118	Epigenetic basis of cancer health disparities: Looking beyond genetic differences. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2017 , 1868, 16-28	11.2	26
117	Glucose Metabolism Reprogrammed by Overexpression of IKK β Promotes Pancreatic Tumor Growth. <i>Cancer Research</i> , 2016 , 76, 7254-7264	10.1	26
116	Ascorbic acid in cancer chemoprevention: translational perspectives and efficacy. <i>Current Drug Targets</i> , 2012 , 13, 1757-71	3	26
115	Garcinol Sensitizes NSCLC Cells to Standard Therapies by Regulating EMT-Modulating miRNAs. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	26
114	Garcinol-induced apoptosis in prostate and pancreatic cancer cells is mediated by NF- κ B signaling. <i>Frontiers in Bioscience - Elite</i> , 2011 , 3, 1483-92	1.6	25
113	Honokiol suppresses pancreatic tumor growth, metastasis and desmoplasia by interfering with tumor-stromal cross-talk. <i>Carcinogenesis</i> , 2016 , 37, 1052-1061	4.6	25
112	CAR-T Cell Therapies: An Overview of Clinical Studies Supporting Their Approved Use against Acute Lymphoblastic Leukemia and Large B-Cell Lymphomas. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	24
111	The therapeutic potential of targeting the epithelial-mesenchymal transition in cancer. <i>Expert Opinion on Therapeutic Targets</i> , 2014 , 18, 731-45	6.4	24

110	Novel targets for detection of cancer and their modulation by chemopreventive natural compounds. <i>Frontiers in Bioscience - Elite</i> , 2012 , 4, 410-25	1.6	24
109	Bilirubin-Cu(II) complex degrades DNA. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1999 , 1428, 201-8	4	23
108	Improved anticancer and antiparasitic activity of new lawsone Mannich bases. <i>European Journal of Medicinal Chemistry</i> , 2017 , 126, 421-431	6.8	22
107	ETV4 Facilitates Cell-Cycle Progression in Pancreatic Cells through Transcriptional Regulation of Cyclin D1. <i>Molecular Cancer Research</i> , 2018 , 16, 187-196	6.6	22
106	Novel regulatory function for NHERF-1 in Npt2a transcription. <i>American Journal of Physiology - Renal Physiology</i> , 2008 , 294, F840-9	4.3	21
105	Prostate cancer: updates on current strategies for screening, diagnosis and clinical implications of treatment modalities. <i>Carcinogenesis</i> , 2018 , 39, 307-317	4.6	20
104	Recent progress on nutraceutical research in prostate cancer. <i>Cancer and Metastasis Reviews</i> , 2014 , 33, 629-40	9.6	20
103	Molecular targets of naturopathy in cancer research: bridge to modern medicine. <i>Nutrients</i> , 2015 , 7, 3213-4	3.4	20
102	Bilirubin/biliverdin-Cu(II) induced DNA breakage; reaction mechanism and biological significance. <i>Toxicology Letters</i> , 2002 , 131, 181-9	4.4	20
101	Rosin Surfactant QRMAE Can Be Utilized as an Amorphous Aggregate Inducer: A Case Study of Mammalian Serum Albumin. <i>PLoS ONE</i> , 2015 , 10, e0139027	3.7	20
100	EGCG Mediated Targeting of Deregulated Signaling Pathways and Non-Coding RNAs in Different Cancers: Focus on JAK/STAT, Wnt/ β Catenin, TGF/ β SMAD, NOTCH, SHH/GLI, and TRAIL Mediated Signaling Pathways. <i>Cancers</i> , 2020 , 12,	6.6	19
99	Deep sequencing and in silico analyses identify MYB-regulated gene networks and signaling pathways in pancreatic cancer. <i>Scientific Reports</i> , 2016 , 6, 28446	4.9	19
98	Tumor cell growth inhibition is correlated with levels of capsaicin present in hot peppers. <i>Nutrition and Cancer</i> , 2011 , 63, 272-81	2.8	19
97	Strand scission in DNA induced by 5-hydroxytryptamine (serotonin) in the presence of copper ions. <i>Neuroscience Letters</i> , 2001 , 308, 83-6	3.3	18
96	The bounty of nature for changing the cancer landscape. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 1251-63	5.9	18
95	Anticancer properties of a new non-oxido vanadium(IV) complex with a catechol-modified 3,3Pdiindolylmethane ligand. <i>Journal of Inorganic Biochemistry</i> , 2019 , 194, 1-6	4.2	17
94	New ferrocene modified lawsone Mannich bases with anti-proliferative activity against tumor cells. <i>Journal of Saudi Chemical Society</i> , 2017 , 21, 105-110	4.3	16
93	Pharmacological Intervention through Dietary Nutraceuticals in Gastrointestinal Neoplasia. <i>Critical Reviews in Food Science and Nutrition</i> , 2016 , 56, 1501-18	11.5	16

92	Anticancer phytochemical analogs 37: synthesis, characterization, molecular docking and cytotoxicity of novel plumbagin hydrazones against breast cancer cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 2900-4	2.9	16
91	The immunological contribution of NF- κ B within the tumor microenvironment: a potential protective role of zinc as an anti-tumor agent. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2012 , 1825, 160-72	11.2	16
90	Targeting increased copper levels in diethylnitrosamine induced hepatocellular carcinoma cells in rats by epigallocatechin-3-gallate. <i>Tumor Biology</i> , 2015 , 36, 8861-7	2.9	15
89	Targeting triple negative breast cancer cells by N3-substituted 9,10-phenanthrenequinone thiosemicarbazones and their metal complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 114, 114-9	4.4	15
88	Non-coding RNAs as Mediators of Tamoxifen Resistance in Breast Cancers. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1152, 229-241	3.6	15
87	Differential Methylation and Acetylation as the Epigenetic Basis of Resveratrol β Anticancer Activity. <i>Medicines (Basel, Switzerland)</i> , 2019 , 6,	4.1	15
86	Apogossypolone, derivative of gossypol, mobilizes endogenous copper in human peripheral lymphocytes leading to oxidative DNA breakage. <i>European Journal of Pharmaceutical Sciences</i> , 2012 , 47, 280-6	5.1	14
85	Molecular docking and inhibition of matrix metalloproteinase-2 by novel difluorinatedbenzylidene curcumin analog. <i>American Journal of Translational Research (discontinued)</i> , 2015 , 7, 298-308	3	14
84	MicroRNAs in breast cancer therapy. <i>Current Pharmaceutical Design</i> , 2014 , 20, 5268-74	3.3	14
83	Racial health disparities in ovarian cancer: not just black and white. <i>Journal of Ovarian Research</i> , 2017 , 10, 58	5.5	13
82	Epigenetics in Personalized Management of Lung Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2016 , 890, 111-22	3.6	13
81	A novel Ru(II) complex derived from hydroxydiamine as a potential antitumor agent: Synthesis and Structural Characterization. <i>Inorganic Chemistry Communication</i> , 2012 , 20, 252-258	3.1	13
80	Mobilization of Nuclear Copper by Green Tea Polyphenol Epicatechin-3-Gallate and Subsequent Prooxidant Breakage of Cellular DNA: Implications for Cancer Chemotherapy. <i>International Journal of Molecular Sciences</i> , 2016 , 18,	6.3	13
79	Biological basis of cancer health disparities: resources and challenges for research. <i>American Journal of Cancer Research</i> , 2017 , 7, 1-12	4.4	13
78	Current Updates on Trastuzumab Resistance in HER2 Overexpressing Breast Cancers. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1152, 217-228	3.6	13
77	Mobilization of Intracellular Copper by Gossypol and Apogossypolone Leads to Reactive Oxygen Species-Mediated Cell Death: Putative Anticancer Mechanism. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	13
76	Ferrocene-substituted 3,3'-diindolylmethanes with improved anticancer activity. <i>Applied Organometallic Chemistry</i> , 2016 , 30, 441-445	3.1	12
75	Targeting MicroRNAs for personalized cancer therapy. <i>Medical Principles and Practice</i> , 2013 , 22, 415-7	2.1	11

74	(Carboxydiamine)Pt(II) complexes of a combretastatin A-4 analogous chalcone: the influence of the diamine ligand on DNA binding and anticancer effects. <i>MedChemComm</i> , 2011 , 2, 493	5	11
73	Natural Product Mediated Regulation of Death Receptors and Intracellular Machinery: Fresh from the Pipeline about TRAIL-Mediated Signaling and Natural TRAIL Sensitizers. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	10
72	MicroRNA regulation of TRAIL mediated signaling in different cancers: Control of micro steering wheels during the journey from bench-top to the bedside. <i>Seminars in Cancer Biology</i> , 2019 , 58, 56-64	12.7	9
71	Cutaneous lewisite exposure causes acute lung injury. <i>Annals of the New York Academy of Sciences</i> , 2020 , 1479, 210-222	6.5	9
70	Simulating hypoxia-induced acidic environment in cancer cells facilitates mobilization and redox-cycling of genomic copper by daidzein leading to pro-oxidant cell death: implications for the sensitization of resistant hypoxic cancer cells to therapeutic challenges. <i>BioMetals</i> , 2016 , 29, 299-310	3.4	9
69	Epigenetic underpinnings of inflammation: Connecting the dots between pulmonary diseases, lung cancer and COVID-19. <i>Seminars in Cancer Biology</i> , 2021 ,	12.7	9
68	Development of patient-derived xenograft models from a spontaneously immortal low-grade meningioma cell line, KCI-MENG1. <i>Journal of Translational Medicine</i> , 2015 , 13, 227	8.5	8
67	The role of cancer stem cells and miRNAs in defining the complexities of brain metastasis. <i>Journal of Cellular Physiology</i> , 2013 , 228, 36-42	7	8
66	Role of Nuclear Factor-kappa B Signaling in Anticancer Properties of Indole Compounds. <i>Journal of Experimental and Clinical Medicine</i> , 2011 , 3, 55-62		8
65	Circular RNAs as biomarkers and therapeutic targets in cancer. <i>Seminars in Cancer Biology</i> , 2021 ,	12.7	8
64	Exosomes: Emerging Diagnostic and Therapeutic Targets in Cutaneous Diseases. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
63	Sanguinarine Induces Apoptosis in Papillary Thyroid Cancer Cells via Generation of Reactive Oxygen Species. <i>Molecules</i> , 2020 , 25,	4.8	7
62	MicroRNA-mediated inflammation and coagulation effects in rats exposed to an inhaled analog of sulfur mustard. <i>Annals of the New York Academy of Sciences</i> , 2020 , 1479, 148-158	6.5	7
61	Role of vacuolar ATPase in the trafficking of renal type IIa sodium-phosphate cotransporter. <i>Cellular Physiology and Biochemistry</i> , 2011 , 27, 703-14	3.9	7
60	Role of Novel Nutraceuticals Garcinol, Plumbagin and Mangiferin in the Prevention and Therapy of Human Malignancies: Mechanisms of Anticancer Activity 2012 , 179-199		7
59	Perspectives on New Synthetic Curcumin Analogs and their Potential Anticancer Properties. <i>Current Pharmaceutical Design</i> , 2013 , 19, 2047-2069	3.3	6
58	Long non-coding RNAs regulated NF- κ B signaling in cancer metastasis: Micromanaging by not so small non-coding RNAs. <i>Seminars in Cancer Biology</i> , 2021 ,	12.7	6
57	The plasticity of pancreatic cancer stem cells: implications in therapeutic resistance. <i>Cancer and Metastasis Reviews</i> , 2021 , 40, 691-720	9.6	6

56	Circulating and tissue biomarkers as predictors of bromine gas inhalation. <i>Annals of the New York Academy of Sciences</i> , 2020 , 1480, 104-115	6.5	5
55	Anticancer Active Heterocyclic Chalcones: Recent Developments. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021 , 21, 558-566	2.2	5
54	Role of JNK and NF- κ B in mediating the effect of combretastatin A-4 and brimamin on endothelial and carcinoma cells. <i>Cellular Oncology (Dordrecht)</i> , 2015 , 38, 463-78	7.2	4
53	The Biological Significance of Zinc in Inflammation and Aging 2014 , 15-27		4
52	ATRA-hydrazone derivatives and their copper complexes against hormone-dependent (MCF-7), hormone-independent (MDA-MB-231 and BT-20) breast cancer and androgen-independent (PC3) prostate cancer cell lines. <i>Inorganic Chemistry Communication</i> , 2012 , 23, 17-20	3.1	4
51	Garcinol-induced apoptosis in prostate and pancreatic cancer cells is mediated by NF- κ B signaling. <i>Frontiers in Bioscience - Elite</i> , 2009 , E3, 1483	1.6	4
50	Natural resorcylic acid lactones: A chemical biology approach for anticancer activity. <i>Drug Discovery Today</i> , 2021 ,	8.8	4
49	The Role of MicroRNAs in Therapeutic Resistance of Malignant Primary Brain Tumors. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 740303	5.7	4
48	Exosomal miR-2276-5p in Plasma Is a Potential Diagnostic and Prognostic Biomarker in Glioma. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 671202	5.7	4
47	Pentafluorophenyl Substitution of Natural Di(indol-3-yl)methane Strongly Enhances Growth Inhibition and Apoptosis Induction in Various Cancer Cell Lines. <i>Chemistry and Biodiversity</i> , 2019 , 16, e1900028	2.5	3
46	Retraction Note to: FoxM1 down-regulation leads to inhibition of proliferation, migration and invasion of breast cancer cells through the modulation of extra-cellular matrix degrading factors. <i>Breast Cancer Research and Treatment</i> , 2016 , 158, 607	4.4	3
45	Metal-based anticancer agents: targeting androgen-dependent and androgen-independent prostate and COX-positive pancreatic cancer cells by phenanthrenequinone semicarbazone and its metal complexes. <i>Transition Metal Chemistry</i> , 2013 , 38, 665-673	2.1	3
44	Inhibition of L-DOPA-Cu(II)-mediated DNA cleavage by bilirubin. <i>Toxicology in Vitro</i> , 2000 , 14, 401-4	3.6	3
43	MicroRNA Targeted Therapy for Overcoming Drug Resistance, Reversal of EMT and Elimination of Cancer Stem Cells in Prostate and Pancreatic Cancer 2014 , 199-217		3
42	Transcriptional control of the oxidative stress response and implications of using plant derived molecules for therapeutic interventions in cancer. <i>Current Medicinal Chemistry</i> , 2021 ,	4.3	3
41	Differential non-coding RNAs expression profiles of invasive and non-invasive pituitary adenomas. <i>Non-coding RNA Research</i> , 2021 , 6, 115-122	6	3
40	Exosomes 2018 , 261-283		2
39	Green Tea Polyphenols: A Putative Mechanism for Cytotoxic Action against Cancer Cells 2018 , 305-332		2

38	Sex differences in cardiopulmonary effects of acute bromine exposure. <i>Toxicology Research</i> , 2021 , 10, 1064-1073	2.6	2
37	Long non-coding RNAs in oncurology. <i>Non-coding RNA Research</i> , 2021 , 6, 139-145	6	2
36	Cancer Epigenetics: Clinical Perspectives. <i>Current Cancer Drug Targets</i> , 2019 , 19, 513-514	2.8	1
35	Targeting Cancer Stem Cells for Overcoming Drug Resistance and Cancer Progression 2014 , 461-471		1
34	MicroRNAs in Cancer Invasion and Metastasis 2011 , 389-413		1
33	Diet-derived small molecules (nutraceuticals) inhibit cellular proliferation by interfering with key oncogenic pathways: an overview of experimental evidence in cancer chemoprevention.. <i>Biologia Futura</i> , 2022 , 73, 55	1	1
32	Yb/Chitosan Catalyzed Synthesis of Highly Substituted Piperidine Derivatives for Potential Nuclease Activity and DNA Binding Study. <i>Current Pharmaceutical Design</i> , 2021 , 27, 2252-2263	3.3	1
31	Current Understanding of Drug Resistance Mechanisms and Therapeutic Targets in HER2 Overexpressing Breast Cancers 2013 , 261-274		1
30	Garcinia Fruits: Their Potential to Combat Metabolic Syndrome 2018 , 39-80		1
29	Thiostrepton inhibits growth and induces apoptosis by targeting FoxM1/SKP2/MTH1 axis in B-precursor acute lymphoblastic leukemia cells. <i>Leukemia and Lymphoma</i> , 2021 , 62, 3170-3180	1.9	1
28	Epigenetic regulation of immunosuppressive tumor-associated macrophages through dysregulated microRNAs. <i>Seminars in Cell and Developmental Biology</i> , 2021 ,	7.5	1
27	The Complexities of Racial Disparity in Breast Cancer 2013 , 35-46		1
26	Exosome-Mediated Response to Cancer Therapy: Modulation of Epigenetic Machinery. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 6222	6.3	1
25	Retraction notice to "Notch-1 induces Epithelial-mesenchymal transition consistent with cancer stem cell phenotype in pancreatic cancer cells". <i>Cancer Letters</i> , 2018 , 423, 153	9.9	0
24	Modulation of Key Signaling Pathways in Cancer Cells by Dietary Factors 2016 , 273-284		
23	miRNAs in Cancer Stem Cells 2015 , 137-161		
22	Retraction notice to "Increased Ras GTPase activity is regulated by miRNAs that can be attenuated by CDF treatment in pancreatic cancer cells" [Cancer Lett. 319(2) (2012) 173-181]. <i>Cancer Letters</i> , 2018 , 414, 313	9.9	
21	Retraction Note to: Platelet-derived growth factor-D contributes to aggressiveness of breast cancer cells by up-regulating Notch and NF- κ B signaling pathways. <i>Breast Cancer Research and Treatment</i> , 2016 , 158, 605	4.4	

- 20 Updates on the Promising Anticancer Activity of CDF, a Synthetic Curcumin Analogue **2016**, 3-12
- 19 The Biological Roles of MicroRNAs in Cancer Stem Cells **2014**, 295-320
- 18 Epigenetic Regulations of mRNAs and miRNAs by Nutraceuticals **2013**, 251-272
- 17 The Role of miRNAs in the Development of Normal Pancreas and Pancreatic Cancer, and Their Roles in Tumor Progression **2014**, 179-198
- 16 Resistance and DNA Repair Mechanisms of Cancer Stem Cells: Potential Molecular Targets for Therapy **2013**, 33-52
- 15 Mechanism of Gallic Acid Anticancer Activity Through Copper-Mediated Cell Death **2022**, 2559-2570
- 14 Mechanism of Gallic Acid Anticancer Activity Through Copper Mediated Cell Death **2021**, 1-12
- 13 Epigenetic Control of Pancreatic Carcinogenesis and Its Regulation by Natural Products **2019**, 251-270
- 12 Augmenting the Efficacy of Chemo- and Radio-Therapy by Nutraceuticals: Evidence from Pre-clinical and Clinical Trials **2012**, 355-376
- 11 The Biology of the Deadly Love Connection Between Obesity, Diabetes, and Breast Cancer **2013**, 117-142
- 10 MicroRNAs in Breast Cancer Research: Progress and Promise **2013**, 399-413
- 9 Stem Cells and Cancer **2013**, 413-433
- 8 The Role of microRNAs in Tumor Progression and Therapy **2013**, 153-165
- 7 The Therapeutic Role of MicroRNAs in Human Gliomas **2014**, 1-27
- 6 Molecular Targeted Therapy for Brain Metastatic Breast Cancers: Current Updates **2014**, 65-75
- 5 miRNA Targeted Therapy in Lung Cancer **2014**, 99-114
- 4 Nutraceuticals and Natural Product Derivatives in the Premises of Disease Prevention **2018**, 111-135
- 3 Nuclear Factor Kappa-B: Bridging Inflammation and Cancer **2021**, 23-49

- | | | |
|---|--|-----|
| 2 | Plant-derived small molecule inhibitors as modulators of EMT pathway in cancer chemoprevention. <i>Studies in Natural Products Chemistry</i> , 2021 , 45-65 | 1.5 |
| 1 | Bioinformatics analysis of potential therapeutic targets for COVID-19 infection in patients with carotid atherosclerosis.. <i>Journal of Infection and Public Health</i> , 2022 , 15, 437-447 | 7.4 |