Aamir Ahmad

List of Publications by Year in Descending Order

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	Mechanism of Gallic Acid Anticancer Activity Through Copper-Mediated Cell Death **2022**, 2559-2570		
234	Diet-derived small molecules (nutraceuticals) inhibit cellular proliferation by interfering with key oncogenic pathways: an overview of experimental evidence in cancer chemoprevention.. *Biologia Futura*, **2022**, 73, 55	1	1
233	Bioinformatics analysis of potential therapeutic targets for COVID-19 infection in patients with carotid atherosclerosis.. *Journal of Infection and Public Health*, **2022**, 15, 437-447	7.4	
232	Exosome-Mediated Response to Cancer Therapy: Modulation of Epigenetic Machinery. *International Journal of Molecular Sciences*, **2022**, 23, 6222	6.3	1
231	Mechanism of Gallic Acid Anticancer Activity Through Copper Mediated Cell Death **2021**, 1-12		
230	Natural resorcylic acid lactones: A chemical biology approach for anticancer activity. *Drug Discovery Today*, **2021**,	8.8	4
229	The Role of MicroRNAs in Therapeutic Resistance of Malignant Primary Brain Tumors. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 740303	5.7	4
228	Yb/Chitosan Catalyzed Synthesis of Highly Substituted Piperidine Derivatives for Potential Nuclease Activity and DNA Binding Study. *Current Pharmaceutical Design*, **2021**, 27, 2252-2263	3.3	1
227	Exosomal miR-2276-5p in Plasma Is a Potential Diagnostic and Prognostic Biomarker in Glioma. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 671202	5.7	4
226	Anticancer Active Heterocyclic Chalcones: Recent Developments. *Anti-Cancer Agents in Medicinal Chemistry*, **2021**, 21, 558-566	2.2	5
225	Transcriptional control of the oxidative stress response and implications of using plant derived molecules for therapeutic interventions in cancer. *Current Medicinal Chemistry*, **2021**,	4.3	3
224	Long non-coding RNAs regulated NF-B signaling in cancer metastasis: Micromanaging by not so small non-coding RNAs. *Seminars in Cancer Biology*, **2021**,	12.7	6
223	The plasticity of pancreatic cancer stem cells: implications in therapeutic resistance. *Cancer and Metastasis Reviews*, **2021**, 40, 691-720	9.6	6
222	Thiostrepton inhibits growth and induces apoptosis by targeting FoxM1/SKP2/MTH1 axis in B-precursor acute lymphoblastic leukemia cells. *Leukemia and Lymphoma*, **2021**, 62, 3170-3180	1.9	1
221	Sex differences in cardiopulmonary effects of acute bromine exposure. *Toxicology Research*, **2021**, 10, 1064-1073	2.6	2
220	Epigenetic regulation of immunosuppressive tumor-associated macrophages through dysregulated microRNAs. *Seminars in Cell and Developmental Biology*, **2021**,	7.5	1
219	Differential non-coding RNAs expression profiles of invasive and non-invasive pituitary adenomas. *Non-coding RNA Research*, **2021**, 6, 115-122	6	3

218	Long non-coding RNAs in oncourology. *Non-coding RNA Research*, **2021**, 6, 139-145	6	2
217	Nuclear Factor Kappa-B: Bridging Inflammation and Cancer **2021**, 23-49		
216	Circular RNAs as biomarkers and therapeutic targets in cancer. *Seminars in Cancer Biology*, **2021**,	12.7	8
215	Plant-derived small molecule inhibitors as modulators of EMT pathway in cancer chemoprevention. *Studies in Natural Products Chemistry*, **2021**, 45-65	1.5	
214	Epigenetic underpinnings of inflammation: Connecting the dots between pulmonary diseases, lung cancer and COVID-19. *Seminars in Cancer Biology*, **2021**,	12.7	9
213	Exosomes: Emerging Diagnostic and Therapeutic Targets in Cutaneous Diseases. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	7
212	CAR-T Cell Therapies: An Overview of Clinical Studies Supporting Their Approved Use against Acute Lymphoblastic Leukemia and Large B-Cell Lymphomas. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	24
211	Sanguinarine Induces Apoptosis in Papillary Thyroid Cancer Cells via Generation of Reactive Oxygen Species. *Molecules*, **2020**, 25,	4.8	7
210	MicroRNA-mediated inflammation and coagulation effects in rats exposed to an inhaled analog of sulfur mustard. *Annals of the New York Academy of Sciences*, **2020**, 1479, 148-158	6.5	7
209	Curcumin-Mediated Apoptotic Cell Death in Papillary Thyroid Cancer and Cancer Stem-Like Cells through Targeting of the JAK/STAT3 Signaling Pathway. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	30
208	EGCG Mediated Targeting of Deregulated Signaling Pathways and Non-Coding RNAs in Different Cancers: Focus on JAK/STAT, Wnt/β-Catenin, TGF/SMAD, NOTCH, SHH/GLI, and TRAIL Mediated Signaling Pathways. *Cancers*, **2020**, 12,	6.6	19
207	Cutaneous lewisite exposure causes acute lung injury. *Annals of the New York Academy of Sciences*, **2020**, 1479, 210-222	6.5	9
206	Circulating and tissue biomarkers as predictors of bromine gas inhalation. *Annals of the New York Academy of Sciences*, **2020**, 1480, 104-115	6.5	5
205	MicroRNA regulation of TRAIL mediated signaling in different cancers: Control of micro steering wheels during the journey from bench-top to the bedside. *Seminars in Cancer Biology*, **2019**, 58, 56-64	12.7	9
204	Pentafluorophenyl Substitution of Natural Di(indol-3-yl)methane Strongly Enhances Growth Inhibition and Apoptosis Induction in Various Cancer Cell Lines. *Chemistry and Biodiversity*, **2019**, 16, e1900028	2.5	3
203	Natural Product Mediated Regulation of Death Receptors and Intracellular Machinery: Fresh from the Pipeline about TRAIL-Mediated Signaling and Natural TRAIL Sensitizers. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	10
202	Impact of sex differences and gender specificity on behavioral characteristics and pathophysiology of neurodegenerative disorders. *Neuroscience and Biobehavioral Reviews*, **2019**, 102, 95-105	9	31
201	Cancer Epigenetics: Clinical Perspectives. *Current Cancer Drug Targets*, **2019**, 19, 513-514	2.8	1

200	Epigenetic Control of Pancreatic Carcinogenesis and Its Regulation by Natural Products **2019**, 251-270		
199	Breast Cancer Statistics: Recent Trends. *Advances in Experimental Medicine and Biology*, **2019**, 1152, 1-7	3.6	79
198	Current Updates on Trastuzumab Resistance in HER2 Overexpressing Breast Cancers. *Advances in Experimental Medicine and Biology*, **2019**, 1152, 217-228	3.6	13
197	Non-coding RNAs as Mediators of Tamoxifen Resistance in Breast Cancers. *Advances in Experimental Medicine and Biology*, **2019**, 1152, 229-241	3.6	15
196	Garcinol Sensitizes NSCLC Cells to Standard Therapies by Regulating EMT-Modulating miRNAs. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	26
195	Differential Methylation and Acetylation as the Epigenetic Basis of Resveratrol's Anticancer Activity. *Medicines (Basel, Switzerland)*, **2019**, 6,	4.1	15
194	Anticancer properties of a new non-oxido vanadium(IV) complex with a catechol-modified 3,3Pdiindolylmethane ligand. *Journal of Inorganic Biochemistry*, **2019**, 194, 1-6	4.2	17
193	Retraction notice to "Notch-1 induces Epithelial-mesenchymal transition consistent with cancer stem cell phenotype in pancreatic cancer cells". *Cancer Letters*, **2018**, 423, 153	9.9	0
192	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]. *Cancer Letters*, **2018**, 414, 313	9.9	
191	Prostate cancer: updates on current strategies for screening, diagnosis and clinical implications of treatment modalities. *Carcinogenesis*, **2018**, 39, 307-317	4.6	20
190	Flavonoids-induced redox cycling of copper ions leads to generation of reactive oxygen species: A potential role in cancer chemoprevention. *International Journal of Biological Macromolecules*, **2018**, 106, 569-578	7.9	32
189	Regulation of Cell Signaling Pathways and miRNAs by Resveratrol in Different Cancers. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	33
188	Exosomes **2018**, 261-283		2
187	ETV4 Facilitates Cell-Cycle Progression in Pancreatic Cells through Transcriptional Regulation of Cyclin D1. *Molecular Cancer Research*, **2018**, 16, 187-196	6.6	22
186	Garcinia Fruits: Their Potential to Combat Metabolic Syndrome **2018**, 39-80		1
185	Green Tea Polyphenols: A Putative Mechanism for Cytotoxic Action against Cancer Cells **2018**, 305-332		2
184	Nutraceuticals and Natural Product Derivatives in the Premises of Disease Prevention **2018**, 111-135		
183	New ferrocene modified lawsone Mannich bases with anti-proliferative activity against tumor cells. *Journal of Saudi Chemical Society*, **2017**, 21, 105-110	4.3	16

182	Epigenetic basis of cancer health disparities: Looking beyond genetic differences. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2017**, 1868, 16-28	11.2	26
181	Emerging evidence for the role of differential tumor microenvironment in breast cancer racial disparity: a closer look at the surroundings. *Carcinogenesis*, **2017**, 38, 757-765	4.6	29
180	MicroRNAs in gynecological cancers: Small molecules with big implications. *Cancer Letters*, **2017**, 407, 123-138	9.9	67
179	Racial health disparities in ovarian cancer: not just black and white. *Journal of Ovarian Research*, **2017**, 10, 58	5.5	13
178	Hydroxytyrosol Induces Apoptosis and Cell Cycle Arrest and Suppresses Multiple Oncogenic Signaling Pathways in Prostate Cancer Cells. *Nutrition and Cancer*, **2017**, 69, 932-942	2.8	37
177	Improved anticancer and antiparasitic activity of new lawsone Mannich bases. *European Journal of Medicinal Chemistry*, **2017**, 126, 421-431	6.8	22
176	Cancer Chemoprevention by Phytochemicals: NatureÎ Healing Touch. *Molecules*, **2017**, 22,	4.8	75
175	MicroRNA-34a: A Versatile Regulator of Myriads of Targets in Different Cancers. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	35
174	Biological basis of cancer health disparities: resources and challenges for research. *American Journal of Cancer Research*, **2017**, 7, 1-12	4.4	13
173	Modulation of Key Signaling Pathways in Cancer Cells by Dietary Factors **2016**, 273-284		
172	Pharmacological Intervention through Dietary Nutraceuticals in Gastrointestinal Neoplasia. *Critical Reviews in Food Science and Nutrition*, **2016**, 56, 1501-18	11.5	16
171	Deep sequencing and in silico analyses identify MYB-regulated gene networks and signaling pathways in pancreatic cancer. *Scientific Reports*, **2016**, 6, 28446	4.9	19
170	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. *Breast Cancer Research and Treatment*, **2016**, 158, 607	4.4	3
169	Retraction Note to: Platelet-derived growth factor-D contributes to aggressiveness of breast cancer cells by up-regulating Notch and NF-Î signaling pathways. *Breast Cancer Research and Treatment*, **2016**, 158, 605	4.4	
168	Glucose Metabolism Reprogrammed by Overexpression of IKKÎ Promotes Pancreatic Tumor Growth. *Cancer Research*, **2016**, 76, 7254-7264	10.1	26
167	Ferrocene-substituted 3,3?-diindolylmethanes with improved anticancer activity. *Applied Organometallic Chemistry*, **2016**, 30, 441-445	3.1	12
166	Epigenetics in Personalized Management of Lung Cancer. *Advances in Experimental Medicine and Biology*, **2016**, 890, 111-22	3.6	13
165	The Role of Cancer Stem Cells in Recurrent and Drug-Resistant Lung Cancer. *Advances in Experimental Medicine and Biology*, **2016**, 890, 57-74	3.6	68

164	Updates on the Promising Anticancer Activity of CDF, a Synthetic Curcumin Analogue **2016**, 3-12		
163	Mobilization of Nuclear Copper by Green Tea Polyphenol Epicatechin-3-Gallate and Subsequent Prooxidant Breakage of Cellular DNA: Implications for Cancer Chemotherapy. *International Journal of Molecular Sciences*, **2016**, 18,	6.3	13
162	Cancer Therapy by Catechins Involves Redox Cycling of Copper Ions and Generation of Reactive Oxygen species. *Toxins*, **2016**, 8, 37	4.9	54
161	Mobilization of Intracellular Copper by Gossypol and Apogossypolone Leads to Reactive Oxygen Species-Mediated Cell Death: Putative Anticancer Mechanism. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	13
160	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. *BioMetals*, **2016**, 29, 299-310	3.4	9
159	Honokiol suppresses pancreatic tumor growth, metastasis and desmoplasia by interfering with tumor-stromal cross-talk. *Carcinogenesis*, **2016**, 37, 1052-1061	4.6	25
158	The bounty of nature for changing the cancer landscape. *Molecular Nutrition and Food Research*, **2016**, 60, 1251-63	5.9	18
157	Targeting increased copper levels in diethylnitrosamine induced hepatocellular carcinoma cells in rats by epigallocatechin-3-gallate. *Tumor Biology*, **2015**, 36, 8861-7	2.9	15
156	Functional role of miR-10b in tamoxifen resistance of ER-positive breast cancer cells through down-regulation of HDAC4. *BMC Cancer*, **2015**, 15, 540	4.8	57
155	Role of JNK and NF-B in mediating the effect of combretastatin A-4 and brimamin on endothelial and carcinoma cells. *Cellular Oncology (Dordrecht)*, **2015**, 38, 463-78	7.2	4
154	miRNAs in Cancer Stem Cells **2015**, 137-161		
153	Development of patient-derived xenograft models from a spontaneously immortal low-grade meningioma cell line, KCI-MENG1. *Journal of Translational Medicine*, **2015**, 13, 227	8.5	8
152	Molecular targets of naturopathy in cancer research: bridge to modern medicine. *Nutrients*, **2015**, 7, 3216-34	3.7	20
151	Mobilization of Copper ions by Flavonoids in Human Peripheral Lymphocytes Leads to Oxidative DNA Breakage: A Structure Activity Study. *International Journal of Molecular Sciences*, **2015**, 16, 26754-69	6.3	31
150	Rosin Surfactant QRMAE Can Be Utilized as an Amorphous Aggregate Inducer: A Case Study of Mammalian Serum Albumin. *PLoS ONE*, **2015**, 10, e0139027	3.7	20
149	miR-20b is up-regulated in brain metastases from primary breast cancers. *Oncotarget*, **2015**, 6, 12188-95	3.3	37
148	Molecular docking and inhibition of matrix metalloproteinase-2 by novel difluorinatedbenzylidene curcumin analog. *American Journal of Translational Research (discontinued)*, **2015**, 7, 298-308	3	14
147	Epigenetic regulation of miRNA-cancer stem cells nexus by nutraceuticals. *Molecular Nutrition and Food Research*, **2014**, 58, 79-86	5.9	28

146	The Biological Roles of MicroRNAs in Cancer Stem Cells **2014**, 295-320		
145	Anticancer phytochemical analogs 37: synthesis, characterization, molecular docking and cytotoxicity of novel plumbagin hydrazones against breast cancer cells. *Bioorganic and Medicinal Chemistry Letters*, **2014**, 24, 2900-4	2.9	16
144	Recent progress on nutraceutical research in prostate cancer. *Cancer and Metastasis Reviews*, **2014**, 33, 629-40	9.6	20
143	The therapeutic potential of targeting the epithelial-mesenchymal transition in cancer. *Expert Opinion on Therapeutic Targets*, **2014**, 18, 731-45	6.4	24
142	The Biological Significance of Zinc in Inflammation and Aging **2014**, 15-27		4
141	Pancreatic cancer stem-like cells display aggressive behavior mediated via activation of FoxQ1. *Journal of Biological Chemistry*, **2014**, 289, 14520-33	5.4	42
140	Cancer chemopreventive pharmacology of phytochemicals derived from plants of dietary and non-dietary origin: implication for alternative and complementary approaches. *Phytochemistry Reviews*, **2014**, 13, 811-833	7.7	27
139	Deregulation of miR-146a expression in a mouse model of pancreatic cancer affecting EGFR signaling. *Cancer Letters*, **2014**, 351, 134-42	9.9	40
138	Differentially expressed miRNAs in cancer-stem-like cells: markers for tumor cell aggressiveness of pancreatic cancer. *Stem Cells and Development*, **2014**, 23, 1947-58	4.4	28
137	The Role of miRNAs in the Development of Normal Pancreas and Pancreatic Cancer, and Their Roles in Tumor Progression **2014**, 179-198		
136	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. *Molecular Nutrition and Food Research*, **2014**, 58, 437-46	5.9	73
135	Targeting Cancer Stem Cells for Overcoming Drug Resistance and Cancer Progression **2014**, 461-471		1
134	Up-regulation of microRNA-10b is associated with the development of breast cancer brain metastasis. *American Journal of Translational Research (discontinued)*, **2014**, 6, 384-90	3	37
133	MicroRNAs in breast cancer therapy. *Current Pharmaceutical Design*, **2014**, 20, 5268-74	3.3	14
132	Targeting CSCs in tumor microenvironment: the potential role of ROS-associated miRNAs in tumor aggressiveness. *Current Stem Cell Research and Therapy*, **2014**, 9, 22-35	3.6	43
131	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
130	The Therapeutic Role of MicroRNAs in Human Gliomas **2014**, 1-27		
129	Molecular Targeted Therapy for Brain Metastatic Breast Cancers: Current Updates **2014**, 65-75		

128	miRNA Targeted Therapy in Lung Cancer **2014**, 99-114		
127	The prooxidant action of dietary antioxidants leading to cellular DNA breakage and anticancer effects: implications for chemotherapeutic action against cancer. *Cell Biochemistry and Biophysics*, **2013**, 67, 431-8	3.2	30
126	Perspectives on the role of isoflavones in prostate cancer. *AAPS Journal*, **2013**, 15, 991-1000	3.7	30
125	Metal-based anticancer agents: targeting androgen-dependent and androgen-independent prostate and COX-positive pancreatic cancer cells by phenanthrenequinone semicarbazone and its metal complexes. *Transition Metal Chemistry*, **2013**, 38, 665-673	2.1	3
124	Targeting triple negative breast cancer cells by N3-substituted 9,10-phenanthrenequinone thiosemicarbazones and their metal complexes. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2013**, 114, 114-9	4.4	15
123	Inhibition of Hedgehog signaling sensitizes NSCLC cells to standard therapies through modulation of EMT-regulating miRNAs. *Journal of Hematology and Oncology*, **2013**, 6, 77	22.4	99
122	Epigenetic Regulations of mRNAs and miRNAs by Nutraceuticals **2013**, 251-272		
121	Pancreatic cancer stem cells: emerging target for designing novel therapy. *Cancer Letters*, **2013**, 338, 94-100	9.9	98
120	Antioxidant function of isoflavone and 3,3Pdiindolylmethane: are they important for cancer prevention and therapy?. *Antioxidants and Redox Signaling*, **2013**, 19, 139-50	8.4	38
119	Novel strategies targeting cancer stem cells through phytochemicals and their analogs. *Drug Delivery and Translational Research*, **2013**, 3, 165-82	6.2	54
118	Resistance and DNA Repair Mechanisms of Cancer Stem Cells: Potential Molecular Targets for Therapy **2013**, 33-52		
117	Overview of cancer stem cells (CSCs) and mechanisms of their regulation: implications for cancer therapy. *Current Protocols in Pharmacology*, **2013**, Chapter 14, Unit 14.25	4.1	148
116	The role of cancer stem cells and miRNAs in defining the complexities of brain metastasis. *Journal of Cellular Physiology*, **2013**, 228, 36-42	7	8
115	Pathways to breast cancer recurrence. *ISRN Oncology*, **2013**, 2013, 290568		66
114	Targeting MicroRNAs for personalized cancer therapy. *Medical Principles and Practice*, **2013**, 22, 415-7	2.1	11
113	Redox cycling of endogenous copper by thymoquinone leads to ROS-mediated DNA breakage and consequent cell death: putative anticancer mechanism of antioxidants. *Cell Death and Disease*, **2013**, 4, e660	9.8	71
112	Perspectives on New Synthetic Curcumin Analogs and their Potential Anticancer Properties. *Current Pharmaceutical Design*, **2013**, 19, 2047-2069	3.3	6
111	3, 3PDiindolylmethane enhances the effectiveness of herceptin against HER-2/neu-expressing breast cancer cells. *PLoS ONE*, **2013**, 8, e54657	3.7	34

110	Erlotinib resistance in lung cancer: current progress and future perspectives. *Frontiers in Pharmacology*, **2013**, 4, 15	5.6	37
109	Perspectives on new synthetic curcumin analogs and their potential anticancer properties. *Current Pharmaceutical Design*, **2013**, 19, 2047-69	3.3	115
108	Perspectives on New Synthetic Curcumin Analogs and their Potential Anticancer Properties. *Current Pharmaceutical Design*, **2013**, 19, 2047-2069	3.3	77
107	Targeted regulation of PI3K/Akt/mTOR/NF-B signaling by indole compounds and their derivatives: mechanistic details and biological implications for cancer therapy. *Anti-Cancer Agents in Medicinal Chemistry*, **2013**, 13, 1002-13	2.2	116
106	Deregulation of PI3K/Akt/mTOR signaling pathways by isoflavones and its implication in cancer treatment. *Anti-Cancer Agents in Medicinal Chemistry*, **2013**, 13, 1014-24	2.2	30
105	Current Understanding of Drug Resistance Mechanisms and Therapeutic Targets in HER2 Overexpressing Breast Cancers **2013**, 261-274		1
104	The Biology of the Deadly Love Connection Between Obesity, Diabetes, and Breast Cancer **2013**, 117-142		
103	MicroRNAs in Breast Cancer Research: Progress and Promise **2013**, 399-413		
102	Stem Cells and Cancer **2013**, 413-433		
101	The Complexities of Racial Disparity in Breast Cancer **2013**, 35-46		1
100	A novel Ru(II) complex derived from hydroxydiamine as a potential antitumor agent: Synthesis and Structural Characterization. *Inorganic Chemistry Communication*, **2012**, 20, 252-258	3.1	13
99	The immunological contribution of NF-B within the tumor microenvironment: a potential protective role of zinc as an anti-tumor agent. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2012**, 1825, 160-72	11.2	16
98	The biological kinship of hypoxia with CSC and EMT and their relationship with deregulated expression of miRNAs and tumor aggressiveness. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2012**, 1826, 272-96	11.2	94
97	Synthesis, characterization, molecular docking and cytotoxic activity of novel plumbagin hydrazones against breast cancer cells. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 3104-8	2.9	58
96	Recent updates on the role of microRNAs in prostate cancer. *Journal of Hematology and Oncology*, **2012**, 5, 9	22.4	57
95	Perspectives on medicinal properties of plumbagin and its analogs. *Medicinal Research Reviews*, **2012**, 32, 1131-58	14.4	201
94	Targeting CSCs within the tumor microenvironment for cancer therapy: a potential role of mesenchymal stem cells. *Expert Opinion on Therapeutic Targets*, **2012**, 16, 1041-54	6.4	33
93	Coinage metal complexes against breast cancer. *Current Medicinal Chemistry*, **2012**, 19, 3949-56	4.3	47

92	Curcumin analogue CDF inhibits pancreatic tumor growth by switching on suppressor microRNAs and attenuating EZH2 expression. *Cancer Research*, **2012**, 72, 335-45	10.1	251
91	Targeting the Hedgehog signaling pathway for cancer therapy. *Expert Opinion on Therapeutic Targets*, **2012**, 16, 49-66	6.4	61
90	ATRA-hydrazonate derivatives and their copper complexes against hormone-dependent (MCF-7), hormone-independent (MDA-MB-231and BT-20) breast cancer and androgen-independent (PC3) prostate cancer cell lines. *Inorganic Chemistry Communication*, **2012**, 23, 17-20	3.1	4
89	Apogossypolone, derivative of gossypol, mobilizes endogenous copper in human peripheral lymphocytes leading to oxidative DNA breakage. *European Journal of Pharmaceutical Sciences*, **2012** , 47, 280-6	5.1	14
88	Targeting bone remodeling by isoflavone and 3,3Pdiindolylmethane in the context of prostate cancer bone metastasis. *PLoS ONE*, **2012**, 7, e33011	3.7	35
87	Hypoxia induced aggressiveness of prostate cancer cells is linked with deregulated expression of VEGF, IL-6 and miRNAs that are attenuated by CDF. *PLoS ONE*, **2012**, 7, e43726	3.7	99
86	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. *PLoS ONE*, **2012**, 7, e50165	3.7	133
85	Novel targets for detection of cancer and their modulation by chemopreventive natural compounds. *Frontiers in Bioscience - Elite*, **2012**, 4, 410-25	1.6	24
84	Inclusion complex of novel curcumin analogue CDF and Ecyclodextrin (1:2) and its enhanced in vivo anticancer activity against pancreatic cancer. *Pharmaceutical Research*, **2012**, 29, 1775-86	4.5	98
83	Arsenic trioxide inhibits cell growth and induces apoptosis through inactivation of notch signaling pathway in breast cancer. *International Journal of Molecular Sciences*, **2012**, 13, 9627-41	6.3	40
82	The role of microRNAs in breast cancer migration, invasion and metastasis. *International Journal of Molecular Sciences*, **2012**, 13, 13414-37	6.3	133
81	Garcinol regulates EMT and Wnt signaling pathways in vitro and in vivo, leading to anticancer activity against breast cancer cells. *Molecular Cancer Therapeutics*, **2012**, 11, 2193-201	6.1	123
80	Perspectives on medicinal properties of mangiferin. *Mini-Reviews in Medicinal Chemistry*, **2012**, 12, 412-25	3.2	64
79	Epigenetic deregulation of miR-29a and miR-1256 by isoflavone contributes to the inhibition of prostate cancer cell growth and invasion. *Epigenetics*, **2012**, 7, 940-9	5.7	97
78	From body art to anticancer activities: perspectives on medicinal properties of henna. *Current Drug Targets*, **2012**, 13, 1777-98	3	55
77	Anticancer action of garcinol in vitro and in vivo is in part mediated through inhibition of STAT-3 signaling. *Carcinogenesis*, **2012**, 33, 2450-6	4.6	56
76	Metformin inhibits cell proliferation, migration and invasion by attenuating CSC function mediated by deregulating miRNAs in pancreatic cancer cells. *Cancer Prevention Research*, **2012**, 5, 355-64	3.2	273
75	Role of Novel Nutraceuticals Garcinol, Plumbagin and Mangiferin in the Prevention and Therapy of Human Malignancies: Mechanisms of Anticancer Activity **2012**, 179-199		7

74	A prooxidant mechanism for the anticancer and chemopreventive properties of plant polyphenols. *Current Drug Targets*, **2012**, 13, 1738-49	3	105
73	Targeting CSC-related miRNAs for cancer therapy by natural agents. *Current Drug Targets*, **2012**, 13, 1858-68	3	42
72	Ascorbic acid in cancer chemoprevention: translational perspectives and efficacy. *Current Drug Targets*, **2012**, 13, 1757-71	3	26
71	Genistein inhibits cell growth and induces apoptosis through up-regulation of miR-34a in pancreatic cancer cells. *Current Drug Targets*, **2012**, 13, 1750-6	3	106
70	Histone deacetylase inhibitors induce epithelial-to-mesenchymal transition in prostate cancer cells. *PLoS ONE*, **2012**, 7, e45045	3.7	78
69	Augmenting the Efficacy of Chemo- and Radio-Therapy by Nutraceuticals: Evidence from Pre-clinical and Clinical Trials **2012**, 355-376		
68	MicroRNAs in Cancer Invasion and Metastasis **2011**, 389-413		1
67	Cancer selective metallocenedicarboxylates of the fungal cytotoxin illudin M. *Journal of Medicinal Chemistry*, **2011**, 54, 6177-82	8.3	27
66	(Carboxydiamine)Pt(II) complexes of a combretastatin A-4 analogous chalcone: the influence of the diamine ligand on DNA binding and anticancer effects. *MedChemComm*, **2011**, 2, 493	5	11
65	Notch-1 induces epithelial-mesenchymal transition consistent with cancer stem cell phenotype in pancreatic cancer cells. *Cancer Letters*, **2011**, 307, 26-36	9.9	261
64	Role of Nuclear Factor-kappa B Signaling in Anticancer Properties of Indole Compounds. *Journal of Experimental and Clinical Medicine*, **2011**, 3, 55-62		8
63	Induction of cancer cell death by isoflavone: the role of multiple signaling pathways. *Nutrients*, **2011**, 3, 877-96	6.7	42
62	Expression of microRNAs: potential molecular link between obesity, diabetes and cancer. *Obesity Reviews*, **2011**, 12, 1050-62	10.6	45
61	The complexities of obesity and diabetes with the development and progression of pancreatic cancer. *Biochimica Et Biophysica Acta: Reviews on Cancer*, **2011**, 1815, 135-46	11.2	52
60	Oral administration of copper to rats leads to increased lymphocyte cellular DNA degradation by dietary polyphenols: implications for a cancer preventive mechanism. *BioMetals*, **2011**, 24, 1169-78	3.4	45
59	Platelet-derived growth factor-D contributes to aggressiveness of breast cancer cells by up-regulating Notch and NF-B signaling pathways. *Breast Cancer Research and Treatment*, **2011**, 126, 15-25	4.4	52
58	Soy isoflavone genistein induces cell death in breast cancer cells through mobilization of endogenous copper ions and generation of reactive oxygen species. *Molecular Nutrition and Food Research*, **2011**, 55, 553-9	5.9	73
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