

Alan Prem Kumar

List of Publications by Year in descending order

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224
papers

16,984
citations

8181

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h-index

18647

119
g-index

234
all docs

234
docs citations

234
times ranked

18991
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Resveratrol in Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2589.	4.1	503
2	Targeting the STAT3 signaling pathway in cancer: Role of synthetic and natural inhibitors. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2014, 1845, 136-154.	7.4	427
3	Thymoquinone: Potential cure for inflammatory disorders and cancer. <i>Biochemical Pharmacology</i> , 2012, 83, 443-451.	4.4	416
4	Dual role of autophagy in hallmarks of cancer. <i>Oncogene</i> , 2018, 37, 1142-1158.	5.9	403
5	The Multifaceted Role of Curcumin in Cancer Prevention and Treatment. <i>Molecules</i> , 2015, 20, 2728-2769.	3.8	369
6	Antioxidant response elements: Discovery, classes, regulation and potential applications. <i>Redox Biology</i> , 2018, 17, 297-314.	9.0	324
7	Multifaceted link between cancer and inflammation. <i>Bioscience Reports</i> , 2012, 32, 1-15.	2.4	287
8	Ageing and the telomere connection: An intimate relationship with inflammation. <i>Ageing Research Reviews</i> , 2016, 25, 55-69.	10.9	280
9	Ursolic acid in cancer prevention and treatment: Molecular targets, pharmacokinetics and clinical studies. <i>Biochemical Pharmacology</i> , 2013, 85, 1579-1587.	4.4	262
10	Targeted abrogation of diverse signal transduction cascades by emodin for the treatment of inflammatory disorders and cancer. <i>Cancer Letters</i> , 2013, 341, 139-149.	7.2	226
11	Targeting transcription factor STAT3 for cancer prevention and therapy. , 2016, 162, 86-97.		225
12	Oleanolic acid and its synthetic derivatives for the prevention and therapy of cancer: Preclinical and clinical evidence. <i>Cancer Letters</i> , 2014, 346, 206-216.	7.2	222
13	Targeting autophagy using natural compounds for cancer prevention and therapy. <i>Cancer</i> , 2019, 125, 1228-1246.	4.1	222
14	Anticancer activity of thymoquinone in breast cancer cells: Possible involvement of PPAR- \hat{I}^3 pathway. <i>Biochemical Pharmacology</i> , 2011, 82, 464-475.	4.4	193
15	Long non-coding RNAs are emerging targets of phytochemicals for cancer and other chronic diseases. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 1947-1966.	5.4	188
16	Targeted inhibition of tumor proliferation, survival, and metastasis by pentacyclic triterpenoids: Potential role in prevention and therapy of cancer. <i>Cancer Letters</i> , 2012, 320, 158-170.	7.2	187
17	Emerging role of exosomes in cancer progression and tumor microenvironment remodeling. <i>Journal of Hematology and Oncology</i> , 2022, 15, .	17.0	182
18	Cancer prevention and therapy through the modulation of transcription factors by bioactive natural compounds. <i>Seminars in Cancer Biology</i> , 2016, 40-41, 35-47.	9.6	178

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19	Pro-Apoptotic and Anti-Cancer Properties of Diosgenin: A Comprehensive and Critical Review. <i>Nutrients</i> , 2018, 10, 645.	4.1	178
20	Potential Role of Natural Compounds as Anti-Angiogenic Agents in Cancer. <i>Current Vascular Pharmacology</i> , 2017, 15, 503-519.	1.7	171
21	Potential role of signal transducer and activator of transcription (STAT)3 signaling pathway in inflammation, survival, proliferation and invasion of hepatocellular carcinoma. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2013, 1835, 46-60.	7.4	169
22	NF- κ B in cancer therapy. <i>Archives of Toxicology</i> , 2015, 89, 711-731.	4.2	169
23	Garcinol, a Polyisoprenylated Benzophenone Modulates Multiple Proinflammatory Signaling Cascades Leading to the Suppression of Growth and Survival of Head and Neck Carcinoma. <i>Cancer Prevention Research</i> , 2013, 6, 843-854.	1.5	166
24	Targeting TNF-related apoptosis-inducing ligand (TRAIL) receptor by natural products as a potential therapeutic approach for cancer therapy. <i>Experimental Biology and Medicine</i> , 2015, 240, 760-773.	2.4	166
25	Regulation of Nuclear Factor-KappaB (NF- κ B) signaling pathway by non-coding RNAs in cancer: Inhibiting or promoting carcinogenesis?. <i>Cancer Letters</i> , 2021, 509, 63-80.	7.2	166
26	Thymoquinone Inhibits Tumor Growth and Induces Apoptosis in a Breast Cancer Xenograft Mouse Model: The Role of p38 MAPK and ROS. <i>PLoS ONE</i> , 2013, 8, e75356.	2.5	161
27	Inhibition of STAT3 dimerization and acetylation by garcinol suppresses the growth of human hepatocellular carcinoma in vitro and in vivo. <i>Molecular Cancer</i> , 2014, 13, 66.	19.2	151
28	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. <i>Journal of Biological Chemistry</i> , 2014, 289, 34296-34307.	3.4	149
29	Triple negative breast cancer in Asia: An insider's view. <i>Cancer Treatment Reviews</i> , 2018, 62, 29-38.	7.7	148
30	Formononetin-induced oxidative stress abrogates the activation of STAT3/5 signaling axis and suppresses the tumor growth in multiple myeloma preclinical model. <i>Cancer Letters</i> , 2018, 431, 123-141.	7.2	148
31	Celastrol Suppresses Growth and Induces Apoptosis of Human Hepatocellular Carcinoma through the Modulation of STAT3/JAK2 Signaling Cascade <i>In Vitro</i> and <i>In Vivo</i> . <i>Cancer Prevention Research</i> , 2012, 5, 631-643.	1.5	146
32	Targeting the PI3K/Akt signaling pathway in gastric carcinoma: A reality for personalized medicine?. <i>World Journal of Gastroenterology</i> , 2015, 21, 12261.	3.3	146
33	Nimbolide-Induced Oxidative Stress Abrogates STAT3 Signaling Cascade and Inhibits Tumor Growth in Transgenic Adenocarcinoma of Mouse Prostate Model. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 575-589.	5.4	146
34	Isorhamnetin augments the anti-tumor effect of capecitabine through the negative regulation of NF- κ B signaling cascade in gastric cancer. <i>Cancer Letters</i> , 2015, 363, 28-36.	7.2	143
35	Simvastatin sensitizes human gastric cancer xenograft in nude mice to capecitabine by suppressing nuclear factor-kappa B-regulated gene products. <i>Journal of Molecular Medicine</i> , 2014, 92, 267-276.	3.9	142
36	Thymoquinone overcomes chemoresistance and enhances the anticancer effects of bortezomib through abrogation of NF- κ B regulated gene products in multiple myeloma xenograft mouse model. <i>Oncotarget</i> , 2014, 5, 634-648.	1.8	142

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37	Celastrol inhibits tumor cell proliferation and promotes apoptosis through the activation of c-Jun N-terminal kinase and suppression of PI3K/Akt signaling pathways. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2011, 16, 1028-1041.	4.9	141
38	Thymoquinone Inhibits Bone Metastasis of Breast Cancer Cells Through Abrogation of the CXCR4 Signaling Axis. <i>Frontiers in Pharmacology</i> , 2018, 9, 1294.	3.5	141
39	Ursolic acid inhibits multiple cell survival pathways leading to suppression of growth of prostate cancer xenograft in nude mice. <i>Journal of Molecular Medicine</i> , 2011, 89, 713-727.	3.9	138
40	Honokiol inhibits signal transducer and activator of transcription β signaling, proliferation, and survival of hepatocellular carcinoma cells via the protein tyrosine phosphatase SHP β . <i>Journal of Cellular Physiology</i> , 2012, 227, 2184-2195.	4.1	138
41	β -tocotrienol inhibits angiogenesis-dependent growth of human hepatocellular carcinoma through abrogation of AKT/mTOR pathway in an orthotopic mouse model. <i>Oncotarget</i> , 2014, 5, 1897-1911.	1.8	138
42	First Evidence That β -Tocotrienol Inhibits the Growth of Human Gastric Cancer and Chemosensitizes It to Capecitabine in a Xenograft Mouse Model through the Modulation of NF- κ B Pathway. <i>Clinical Cancer Research</i> , 2012, 18, 2220-2229.	7.0	135
43	Suppression of Signal Transducer and Activator of Transcription 3 Activation by Butein Inhibits Growth of Human Hepatocellular Carcinoma <i>In Vivo</i> . <i>Clinical Cancer Research</i> , 2011, 17, 1425-1439.	7.0	129
44	Inhibition of CXCR4/CXCL12 signaling axis by ursolic acid leads to suppression of metastasis in transgenic adenocarcinoma of mouse prostate model. <i>International Journal of Cancer</i> , 2011, 129, 1552-1563.	5.1	128
45	Emodin inhibits growth and induces apoptosis in an orthotopic hepatocellular carcinoma model by blocking activation of STAT3. <i>British Journal of Pharmacology</i> , 2013, 170, 807-821.	5.4	128
46	Butein downregulates chemokine receptor CXCR4 expression and function through suppression of NF- κ B activation in breast and pancreatic tumor cells. <i>Biochemical Pharmacology</i> , 2010, 80, 1553-1562.	4.4	125
47	β -Tocotrienol is a novel inhibitor of constitutive and inducible STAT3 signalling pathway in human hepatocellular carcinoma: potential role as an antiproliferative, proapoptotic and chemosensitizing agent. <i>British Journal of Pharmacology</i> , 2011, 163, 283-298.	5.4	125
48	Key cell signaling pathways modulated by zerumbone: Role in the prevention and treatment of cancer. <i>Biochemical Pharmacology</i> , 2012, 84, 1268-1276.	4.4	125
49	Identification of β -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. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 334, 285-293.	2.5	124
50	Isorhamnetin Inhibits Proliferation and Invasion and Induces Apoptosis through the Modulation of Peroxisome Proliferator-activated Receptor β Activation Pathway in Gastric Cancer. <i>Journal of Biological Chemistry</i> , 2012, 287, 38028-38040.	3.4	124
51	Ursolic Acid Inhibits the Initiation, Progression of Prostate Cancer and Prolongs the Survival of TRAMP Mice by Modulating Pro-Inflammatory Pathways. <i>PLoS ONE</i> , 2012, 7, e32476.	2.5	121
52	Celastrol inhibits proliferation and induces chemosensitization through down-regulation of NF- κ B and STAT3 regulated gene products in multiple myeloma cells. <i>British Journal of Pharmacology</i> , 2011, 164, 1506-1521.	5.4	120
53	Therapeutic potential of gambogic acid, a caged xanthone, to target cancer. <i>Cancer Letters</i> , 2018, 416, 75-86.	7.2	120
54	Magnolol: A Neolignan from the Magnolia Family for the Prevention and Treatment of Cancer. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2362.	4.1	120

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55	Targeting AKT/mTOR in Oral Cancer: Mechanisms and Advances in Clinical Trials. International Journal of Molecular Sciences, 2020, 21, 3285.	4.1	120
56	DEAD-box helicase DP103 defines metastatic potential of human breast cancers. Journal of Clinical Investigation, 2014, 124, 3807-3824.	8.2	118
57	FBXW7 in Cancer: What Has Been Unraveled Thus Far?. Cancers, 2019, 11, 246.	3.7	116
58	Plumbagin inhibits invasion and migration of breast and gastric cancer cells by downregulating the expression of chemokine receptor CXCR4. Molecular Cancer, 2011, 10, 107.	19.2	113
59	Possible use of Punica granatum (Pomegranate) in cancer therapy. Pharmacological Research, 2018, 133, 53-64.	7.1	110
60	New insight towards development of paclitaxel and docetaxel resistance in cancer cells: EMT as a novel molecular mechanism and therapeutic possibilities. Biomedicine and Pharmacotherapy, 2021, 141, 111824.	5.6	106
61	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, 818-833.	4.6	100
62	The potential role of boswellic acids in cancer prevention and treatment. Cancer Letters, 2016, 377, 74-86.	7.2	100
63	Hyaluronic acid-based nanoplateforms for Doxorubicin: A review of stimuli-responsive carriers, co-delivery and resistance suppression. Carbohydrate Polymers, 2021, 272, 118491.	10.2	100
64	Potential role of genipin in cancer therapy. Pharmacological Research, 2018, 133, 195-200.	7.1	98
65	Peroxisome Proliferator-activated Receptor β Ligands Regulate Myeloperoxidase Expression in Macrophages by an Estrogen-dependent Mechanism Involving the -463CA Promoter Polymorphism. Journal of Biological Chemistry, 2004, 279, 8300-8315.	3.4	95
66	The Role of Signal Transducer and Activator of Transcription 3 (STAT3) and Its Targeted Inhibition in Hematological Malignancies. Cancers, 2018, 10, 327.	3.7	94
67	Role of microRNA/Epithelial-to-Mesenchymal Transition Axis in the Metastasis of Bladder Cancer. Biomolecules, 2020, 10, 1159.	4.0	89
68	The long and short non-coding RNAs modulating EZH2 signaling in cancer. Journal of Hematology and Oncology, 2022, 15, 18.	17.0	89
69	Role of novel histone modifications in cancer. Oncotarget, 2018, 9, 11414-11426.	1.8	88
70	Statins downregulate myeloperoxidase gene expression in macrophages. Biochemical and Biophysical Research Communications, 2005, 331, 442-451.	2.1	86
71	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.	4.1	86
72	<scp>microRNAs</scp> in breast cancer: regulatory roles governing the hallmarks of cancer. Biological Reviews, 2016, 91, 409-428.	10.4	86

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73	Negative regulation of signal transducer and activator of transcription-3 signalling cascade by lupeol inhibits growth and induces apoptosis in hepatocellular carcinoma cells. <i>British Journal of Cancer</i> , 2014, 111, 1327-1337.	6.4	85
74	Short-chain fatty acid receptors inhibit invasive phenotypes in breast cancer cells. <i>PLoS ONE</i> , 2017, 12, e0186334.	2.5	85
75	Secreted frizzled related proteins: Implications in cancers. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2014, 1845, 53-65.	7.4	84
76	Breast Cancer Stem-Like Cells Are Inhibited by Diosgenin, a Steroidal Saponin, by the Attenuation of the Wnt β -Catenin Signaling via the Wnt Antagonist Secreted Frizzled Related Protein-4. <i>Frontiers in Pharmacology</i> , 2017, 8, 124.	3.5	83
77	A novel benzimidazole derivative, MBIC inhibits tumor growth and promotes apoptosis via activation of ROS-dependent JNK signaling pathway in hepatocellular carcinoma. <i>Oncotarget</i> , 2017, 8, 12831-12842.	1.8	82
78	Wanted DEAD/H or Alive: Helicases Winding Up in Cancers. <i>Journal of the National Cancer Institute</i> , 2017, 109, djw278.	6.3	79
79	Garcinol sensitizes human head and neck carcinoma to cisplatin in a xenograft mouse model despite downregulation of proliferative biomarkers. <i>Oncotarget</i> , 2015, 6, 5147-5163.	1.8	79
80	The expanding roles of long non-coding RNAs in the regulation of cancer stem cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 108, 17-20.	2.8	78
81	Cytoskeletal Dynamics in Epithelial-Mesenchymal Transition: Insights into Therapeutic Targets for Cancer Metastasis. <i>Cancers</i> , 2021, 13, 1882.	3.7	77
82	Annexin-A1 enhances breast cancer growth and migration by promoting alternative macrophage polarization in the tumour microenvironment. <i>Scientific Reports</i> , 2017, 7, 17925.	3.3	76
83	Novel 1,3,4-Oxadiazole Induces Anticancer Activity by Targeting NF- κ B in Hepatocellular Carcinoma Cells. <i>Frontiers in Oncology</i> , 2018, 8, 42.	2.8	76
84	Abrogation of STAT3 signaling cascade by zerumbone inhibits proliferation and induces apoptosis in renal cell carcinoma xenograft mouse model. <i>Molecular Carcinogenesis</i> , 2015, 54, 971-985.	2.7	70
85	Cytoskeletal Proteins in Cancer and Intracellular Stress: A Therapeutic Perspective. <i>Cancers</i> , 2020, 12, 238.	3.7	70
86	Molecular Landscape of LncRNAs in Prostate Cancer: A focus on pathways and therapeutic targets for intervention. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, .	8.6	69
87	NHE-1: A Promising Target for Novel Anti-cancer Therapeutics. <i>Current Pharmaceutical Design</i> , 2012, 18, 1372-1382.	1.9	68
88	The pleiotropic role of transcription factor STAT3 in oncogenesis and its targeting through natural products for cancer prevention and therapy. <i>Medicinal Research Reviews</i> , 2021, 41, 1291-1336.	10.5	68
89	Targeting autophagy in prostate cancer: preclinical and clinical evidence for therapeutic response. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 105.	8.6	67
90	Cardamonin represses proliferation, invasion, and causes apoptosis through the modulation of signal transducer and activator of transcription 3 pathway in prostate cancer. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 158-168.	4.9	66

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91	NGAL is Downregulated in Oral Squamous Cell Carcinoma and Leads to Increased Survival, Proliferation, Migration and Chemoresistance. <i>Cancers</i> , 2018, 10, 228.	3.7	65
92	Nrf2 Signaling Pathway in Chemoprotection and Doxorubicin Resistance: Potential Application in Drug Discovery. <i>Antioxidants</i> , 2021, 10, 349.	5.1	65
93	Anti-cancer effects of oxymatrine are mediated through multiple molecular mechanism(s) in tumor models. <i>Pharmacological Research</i> , 2019, 147, 104327.	7.1	64
94	Polychemotherapy with Curcumin and Doxorubicin via Biological Nanoplatforms: Enhancing Antitumor Activity. <i>Pharmaceutics</i> , 2020, 12, 1084.	4.5	64
95	SPHK1 regulates proliferation and survival responses in triple-negative breast cancer. <i>Oncotarget</i> , 2014, 5, 5920-5933.	1.8	64
96	Small interfering RNA (siRNA) to target genes and molecular pathways in glioblastoma therapy: Current status with an emphasis on delivery systems. <i>Life Sciences</i> , 2021, 275, 119368.	4.3	63
97	Wnt signaling in female reproductive cancers: therapeutic potential of long non-coding RNAs in Wnt signalling. <i>British Journal of Pharmacology</i> , 2017, 174, 4684-4700.	5.4	62
98	Targeting PPAR γ Signaling Cascade for the Prevention and Treatment of Prostate Cancer. <i>PPAR Research</i> , 2012, 2012, 1-14.	2.4	60
99	TIPE Family of Proteins and Its Implications in Different Chronic Diseases. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2974.	4.1	58
100	Celastrol Attenuates the Invasion and Migration and Augments the Anticancer Effects of Bortezomib in a Xenograft Mouse Model of Multiple Myeloma. <i>Frontiers in Pharmacology</i> , 2018, 9, 365.	3.5	58
101	Tocotrienols: the unsaturated sidekick shifting new paradigms in vitamin E therapeutics. <i>Drug Discovery Today</i> , 2017, 22, 1765-1781.	6.4	57
102	Emodin Suppresses Migration and Invasion through the Modulation of CXCR4 Expression in an Orthotopic Model of Human Hepatocellular Carcinoma. <i>PLoS ONE</i> , 2013, 8, e57015.	2.5	57
103	Repression of NHE1 Expression by PPAR γ Activation Is a Potential New Approach for Specific Inhibition of the Growth of Tumor Cells <i>In vitro</i> and <i>In vivo</i> . <i>Cancer Research</i> , 2009, 69, 8636-8644.	0.9	56
104	ANXA1 inhibits miRNA-196a in a negative feedback loop through NF- κ B and c-Myc to reduce breast cancer proliferation. <i>Oncotarget</i> , 2016, 7, 27007-27020.	1.8	55
105	Autophagy Modulators: Mechanistic Aspects and Drug Delivery Systems. <i>Biomolecules</i> , 2019, 9, 530.	4.0	55
106	Modulation of diverse oncogenic transcription factors by thymoquinone, an essential oil compound isolated from the seeds of <i>Nigella sativa</i> Linn. <i>Pharmacological Research</i> , 2018, 129, 357-364.	7.1	54
107	Stemness, Pluripotentiality, and Wnt Antagonism: sFRP4, a Wnt antagonist Mediates Pluripotency and Stemness in Glioblastoma. <i>Cancers</i> , 2019, 11, 25.	3.7	54
108	Wnt Antagonist, Secreted Frizzled-Related Protein 4 (sFRP4), Increases Chemotherapeutic Response of Glioma Stem-Like Cells. <i>Oncology Research</i> , 2014, 21, 93-102.	1.5	53

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109	The multidimensional role of the Wnt/ β -catenin signaling pathway in human malignancies. <i>Journal of Cellular Physiology</i> , 2022, 237, 199-238.	4.1	53
110	Molecular targets and anti-cancer potential of escin. <i>Cancer Letters</i> , 2018, 422, 1-8.	7.2	52
111	Art therapy is associated with sustained improvement in cognitive function in the elderly with mild neurocognitive disorder: findings from a pilot randomized controlled trial for art therapy and music reminiscence activity versus usual care. <i>Trials</i> , 2018, 19, 615.	1.6	52
112	MicroRNAs and Their Influence on the ZEB Family: Mechanistic Aspects and Therapeutic Applications in Cancer Therapy. <i>Biomolecules</i> , 2020, 10, 1040.	4.0	51
113	<scp>ZBTB</scp>48 is both a vertebrate telomere-binding protein and a transcriptional activator. <i>EMBO Reports</i> , 2017, 18, 929-946.	4.5	50
114	The β Kinase Inhibitor AHP Targets the STAT3 Signaling Pathway in Human Non-Small Cell Lung Carcinoma Cells. <i>Biomolecules</i> , 2019, 9, 875.	4.0	50
115	Gallic acid for cancer therapy: Molecular mechanisms and boosting efficacy by nanoscopic delivery. <i>Food and Chemical Toxicology</i> , 2021, 157, 112576.	3.6	50
116	(Nano)platforms in bladder cancer therapy: Challenges and opportunities. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	7.1	46
117	Nanotechnological Approaches in Prostate Cancer Therapy: Integration of engineering and biology. <i>Nano Today</i> , 2022, 45, 101532.	11.9	46
118	c-Met activation leads to the establishment of a TGF β -receptor regulatory network in bladder cancer progression. <i>Nature Communications</i> , 2019, 10, 4349.	12.8	44
119	MicroRNAs as Modulators of Oral Tumorigenesis—A Focused Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2561.	4.1	44
120	An Investigation on the Therapeutic Potential of Butein, A Tetrahydrochalcone Against Human Oral Squamous Cell Carcinoma. <i>Asian Pacific Journal of Cancer Prevention</i> , 2019, 20, 3437-3446.	1.2	44
121	Peruvoside targets apoptosis and autophagy through MAPK Wnt/ β -catenin and PI3K/AKT/mTOR signaling pathways in human cancers. <i>Life Sciences</i> , 2020, 241, 117147.	4.3	43
122	Plasma osteopontin as a biomarker of Alzheimer's disease and vascular cognitive impairment. <i>Scientific Reports</i> , 2021, 11, 4010.	3.3	43
123	Manganese Superoxide Dismutase Expression Regulates the Switch Between an Epithelial and a Mesenchymal-Like Phenotype in Breast Carcinoma. <i>Antioxidants and Redox Signaling</i> , 2016, 25, 283-299.	5.4	42
124	A Review on Liquid Chromatography-Tandem Mass Spectrometry Methods for Rapid Quantification of Oncology Drugs. <i>Pharmaceutics</i> , 2018, 10, 221.	4.5	42
125	An azaspirane derivative suppresses growth and induces apoptosis of ER-positive and ER-negative breast cancer cells through the modulation of JAK2/STAT3 signaling pathway. <i>International Journal of Oncology</i> , 2016, 49, 1221-1229.	3.3	41
126	Corilagin Represses Epithelial to Mesenchymal Transition Process Through Modulating Wnt/ β -Catenin Signaling Cascade. <i>Biomolecules</i> , 2020, 10, 1406.	4.0	41

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127	Doxorubicin-loaded graphene oxide nanocomposites in cancer medicine: stimuli-responsive carriers, co-delivery and suppressing resistance. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 355-382.	5.0	41
128	Broad-Spectrum Preclinical Antitumor Activity of Chrysin: Current Trends and Future Perspectives. <i>Biomolecules</i> , 2020, 10, 1374.	4.0	40
129	PTEN, a Barrier for Proliferation and Metastasis of Gastric Cancer Cells: From Molecular Pathways to Targeting and Regulation. <i>Biomedicines</i> , 2020, 8, 264.	3.2	40
130	Small in Size, but Large in Action: microRNAs as Potential Modulators of PTEN in Breast and Lung Cancers. <i>Biomolecules</i> , 2021, 11, 304.	4.0	40
131	Antibacterial and Cellular Behaviors of Novel Zinc-Doped Hydroxyapatite/Graphene Nanocomposite for Bone Tissue Engineering. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9564.	4.1	40
132	Computational identification and experimental validation of PPRE motifs in NHE1 and MnSOD genes of Human. <i>BMC Genomics</i> , 2009, 10, S5.	2.8	39
133	TlPE2 Induced the Proliferation, Survival, and Migration of Lung Cancer Cells Through Modulation of Akt/mTOR/NF- κ B Signaling Cascade. <i>Biomolecules</i> , 2019, 9, 836.	4.0	39
134	Interplay between SOX9 transcription factor and microRNAs in cancer. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 681-694.	7.5	39
135	Isoform-Specific Role of Akt in Oral Squamous Cell Carcinoma. <i>Biomolecules</i> , 2019, 9, 253.	4.0	38
136	Synthesis, biological evaluation and <i>in silico</i> and <i>in vitro</i> mode-of-action analysis of novel dihydropyrimidones targeting PPAR- β . <i>RSC Advances</i> , 2014, 4, 45143-45146.	3.6	37
137	Rap1 regulates hematopoietic stem cell survival and affects oncogenesis and response to chemotherapy. <i>Nature Communications</i> , 2019, 10, 5349.	12.8	37
138	An anthraquinone derivative, emodin sensitizes hepatocellular carcinoma cells to TRAIL induced apoptosis through the induction of death receptors and downregulation of cell survival proteins. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 1175-1187.	4.9	36
139	Long noncoding RNAs (lncRNAs) in pancreatic cancer progression. <i>Drug Discovery Today</i> , 2022, 27, 2181-2198.	6.4	36
140	Manganese Superoxide Dismutase Is a Promising Target for Enhancing Chemosensitivity of Basal-Like Breast Carcinoma. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 2326-2346.	5.4	35
141	N-Substituted Pyrido-1,4-Oxazin-3-Ones Induce Apoptosis of Hepatocellular Carcinoma Cells by Targeting NF- κ B Signaling Pathway. <i>Frontiers in Pharmacology</i> , 2018, 9, 1125.	3.5	35
142	Role of RNF20 in cancer development and progression – a comprehensive review. <i>Bioscience Reports</i> , 2018, 38, .	2.4	34
143	Transforming growth factor-beta (TGF- β) in prostate cancer: A dual function mediator?. <i>International Journal of Biological Macromolecules</i> , 2022, 206, 435-452.	7.5	34
144	Mental awareness improved mild cognitive impairment and modulated gut microbiome. <i>Aging</i> , 2020, 12, 24371-24393.	3.1	33

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145	Gene regulation by antisense transcription: A focus on neurological and cancer diseases. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112265.	5.6	33
146	Gelsolin Induces Colorectal Tumor Cell Invasion via Modulation of the Urokinase-Type Plasminogen Activator Cascade. <i>PLoS ONE</i> , 2012, 7, e43594.	2.5	32
147	PPAR β Ligand-induced Annexin A1 Expression Determines Chemotherapy Response via Deubiquitination of Death Domain Kinase RIP in Triple-negative Breast Cancers. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 2528-2542.	4.1	32
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