Cornelia Braicu

List of Publications by Year in descending order

110	4,117	94433	133252
papers	citations	37 h-index	59 g-index

111	111	111	6013
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Natural compounds modulate the crosstalk between apoptosis- and autophagy-regulated signaling pathways: Controlling the uncontrolled expansion of tumor cells. Seminars in Cancer Biology, 2022, 80, 218-236.	9.6	37
2	Expression of Selected Genes and Circulating microRNAs in Patients with Celiac Disease. Medicina (Lithuania), 2022, 58, 180.	2.0	3
3	Organ-On-A-Chip: A Survey of Technical Results and Problems. Frontiers in Bioengineering and Biotechnology, 2022, 10, 840674.	4.1	49
4	MicroRNA Dysregulation in Prostate Cancer. Pharmacogenomics and Personalized Medicine, 2022, Volume 15, 177-193.	0.7	4
5	Next-Generation Sequencing in Lung Cancer Patients: A Comparative Approach in NSCLC and SCLC Mutational Landscapes. Journal of Personalized Medicine, 2022, 12, 453.	2.5	7
6	The World of Oral Cancer and Its Risk Factors Viewed from the Aspect of MicroRNA Expression Patterns. Genes, 2022, 13, 594.	2.4	11
7	Focus on organoids: cooperation and interconnection with extracellular vesicles â€“ Is this the future of in vitro modeling?. Seminars in Cancer Biology, 2022, 86, 367-381.	9.6	5
8	Dysregulation of miR-21-5p, miR-93-5p, miR-200c-3p and miR-205-5p in Oral Squamous Cell Carcinoma: A Potential Biomarkers Panel?. Current Issues in Molecular Biology, 2022, 44, 1754-1767.	2.4	8
9	Targeting Cell Death Mechanism Specifically in Triple Negative Breast Cancer Cell Lines. International Journal of Molecular Sciences, 2022, 23, 4784.	4.1	1
10	Alteration of Gene and miRNA Expression in Cervical Intraepithelial Neoplasia and Cervical Cancer. International Journal of Molecular Sciences, 2022, 23, 6054.	4.1	4
11	Ovarian endometriosis, a precursor of ovarian cancer: Histological aspects, gene expression and microRNA alterations (Review). Experimental and Therapeutic Medicine, 2021, 21, 243.	1.8	16
12	Comprehensive Analysis of the Expression of Key Genes Related to Hippo Signaling and Their Prognosis Impact in Ovarian Cancer. Diagnostics, 2021, 11, 344.	2.6	3
13	SOX11, SOX10 and MITF Gene Interaction: A Possible Diagnostic Tool in Malignant Melanoma. Life, 2021, 11, 281.	2.4	7
14	circFOXO3: Going around the mechanistic networks in cancer by interfering with miRNAs regulatory networks. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2021, 1867, 166045.	3.8	4
15	Epithelialâ€“Mesenchymal Transition Gene Signature Related to Prognostic in Colon Adenocarcinoma. Journal of Personalized Medicine, 2021, 11, 476.	2.5	9
16	The Role of miR-155 in Nutrition: Modulating Cancer-Associated Inflammation. Nutrients, 2021, 13, 2245.	4.1	15
17	Interaction between cadherins, vimentin, and V-set and immunoglobulin domain containing 1 in gastric-type hepatocellular carcinoma. Histochemistry and Cell Biology, 2021, 156, 377-390.	1.7	9
18	Links between Infections, Lung Cancer, and the Immune System. International Journal of Molecular Sciences, 2021, 22, 9394.	4.1	35

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19	Angiogenesis in Regenerative Dentistry: Are We Far Enough for Therapy?. International Journal of Molecular Sciences, 2021, 22, 929.	4.1	10
20	Relevance of BRAF Subcellular Localization and Its Interaction with KRAS and KIT Mutations in Skin Melanoma. International Journal of Molecular Sciences, 2021, 22, 11918.	4.1	1
21	Functional Genomics in Health and Disease. International Journal of Molecular Sciences, 2021, 22, 12944.	4.1	1
22	The Connection between MicroRNAs and Oral Cancer Pathogenesis: Emerging Biomarkers in Oral Cancer Management. Genes, 2021, 12, 1989.	2.4	19
23	Identification of Core Genes Involved in the Progression of Cervical Cancer Using an Integrative mRNA Analysis. International Journal of Molecular Sciences, 2020, 21, 7323.	4.1	3
24	New insights in gene expression alteration as effect of doxorubicin drug resistance in triple negative breast cancer cells. Journal of Experimental and Clinical Cancer Research, 2020, 39, 241.	8.6	17
25	Cancer-Associated Stemness and Epithelial-to-Mesenchymal Transition Signatures Related to Breast Invasive Carcinoma Prognostic. Cancers, 2020, 12, 3053.	3.7	14
26	New perspectives in triple-negative breast cancer therapy based on treatments with TGFÎ²1 siRNA and doxorubicin. Molecular and Cellular Biochemistry, 2020, 475, 285-299.	3.1	15
27	Critical function of circular RNAs in lung cancer. Wiley Interdisciplinary Reviews RNA, 2020, 11, e1592.	6.4	29
28	A Comprehensive Picture of Extracellular Vesicles and Their Contents. Molecular Transfer to Cancer Cells. Cancers, 2020, 12, 298.	3.7	83
29	Human Chorionic Gonadotropin Improves the Proliferation and Regenerative Potential of Bone Marrow Adherent Stem Cells and the Immune Tolerance of Fetal Microchimeric Stem Cells In Vitro. Stem Cell Reviews and Reports, 2020, 16, 524-540.	3.8	3
30	An Emerging Class of Long Non-coding RNA With Oncogenic Role Arises From the snoRNA Host Genes. Frontiers in Oncology, 2020, 10, 389.	2.8	95
31	Plasma and Tissue Specific miRNA Expression Pattern and Functional Analysis Associated to Colorectal Cancer Patients. Cancers, 2020, 12, 843.	3.7	40
32	TIMP-1 Expression in Human Colorectal Cancer Is Associated with SMAD3 Gene Expression Levels: A Pilot Study. Journal of Gastrointestinal and Liver Diseases, 2020, 23, 413-418.	0.9	19
33	New Insights in Gene Expression Alteration as Effect of Paclitaxel Drug Resistance in Triple Negative Breast Cancer Cells. Cellular Physiology and Biochemistry, 2020, 54, 648-664.	1.6	19
34	Mir-23a and mir-181b serum levels in irritable bowel syndrome and colorectal cancer â€“ A pilot study. Bosnian Journal of Basic Medical Sciences, 2020, 20, 254-261.	1.0	5
35	Gene Expression Patterns Unveil New Insights in Papillary Thyroid Cancer. Medicina (Lithuania), 2019, 55, 500.	2.0	10
36	Connecting the dots between different networks: miRNAs associated with bladder cancer risk and progression. Journal of Experimental and Clinical Cancer Research, 2019, 38, 433.	8.6	38

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37	Altered expression of miR-181 affects cell fate and targets drug resistance-related mechanisms. Molecular Aspects of Medicine, 2019, 70, 90-105.	6.4	31
38	A Comprehensive Review on MAPK: A Promising Therapeutic Target in Cancer. Cancers, 2019, 11, 1618.	3.7	517
39	Progress in Research on the Role of Flavonoids in Lung Cancer. International Journal of Molecular Sciences, 2019, 20, 4291.	4.1	53
40	MicroRNA profiling in kidney in pigs fed ochratoxin A contaminated diet. Ecotoxicology and Environmental Safety, 2019, 184, 109637.	6.0	14
41	Role of Key Micronutrients from Nutrigenetic and Nutrigenomic Perspectives in Cancer Prevention. Medicina (Lithuania), 2019, 55, 283.	2.0	30
42	The Relevance of Mass Spectrometry Analysis for Personalized Medicine through Its Successful Application in Cancer â€œOmicsâ€• International Journal of Molecular Sciences, 2019, 20, 2576.	4.1	24
43	The Function of Non-Coding RNAs in Lung Cancer Tumorigenesis. Cancers, 2019, 11, 605.	3.7	104
44	Inhibitory Effect of CAPE and Kaempferol in Colon Cancer Cell Linesâ€”Possible Implications in New Therapeutic Strategies. International Journal of Molecular Sciences, 2019, 20, 1199.	4.1	44
45	Comprehensive analysis of circular RNAs in pathological states: biogenesis, cellular regulation, and therapeutic relevance. Cellular and Molecular Life Sciences, 2019, 76, 1559-1577.	5.4	47
46	Prognostic Value of MiR-21: An Updated Meta-Analysis in Head and Neck Squamous Cell Carcinoma (HNSCC). Journal of Clinical Medicine, 2019, 8, 2041.	2.4	17
47	miRNA Expression Assays. , 2019, , 51-71.		3
48	miRâ€181a/b therapy in lung cancer: reality or myth?. Molecular Oncology, 2019, 13, 9-25.	4.6	34
49	Securidaca–saponins are natural inhibitors of AKT, MCL-1, and BCL2L1 in cervical cancer cells. Cancer Management and Research, 2018, Volume 10, 5709-5724.	1.9	17
50	Aberrant miRNAs expressed in HER-2 negative breast cancers patient. Journal of Experimental and Clinical Cancer Research, 2018, 37, 257.	8.6	46
51	Premature senescence activation in DLDâ€‘1 colorectal cancer cells through adjuvant therapy to induce a miRNA profile modulating cellular death. Experimental and Therapeutic Medicine, 2018, 16, 1241-1249.	1.8	8
52	RNA interference: new mechanistic and biochemical insights with application in oral cancer therapy. International Journal of Nanomedicine, 2018, Volume 13, 3397-3409.	6.7	6
53	Differential Effect of Smoking on Gene Expression in Head and Neck Cancer Patients. International Journal of Environmental Research and Public Health, 2018, 15, 1558.	2.6	21
54	The Unforeseen Non-Coding RNAs in Head and Neck Cancer. Genes, 2018, 9, 134.	2.4	24

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55	In Vitro Transcriptome Response to a Mixture of Lactobacilli Strains in Intestinal Porcine Epithelial Cell Line. International Journal of Molecular Sciences, 2018, 19, 1923.	4.1	22
56	Decoding the Emerging Patterns Exhibited in Non-coding RNAs Characteristic of Lung Cancer with Regard to Their Clinical Significance. Current Genomics, 2018, 19, 258-278.	1.6	17
57	A miRNAs profile evolution of triple negative breast cancer cells in the presence of a possible adjuvant therapy and senescence inducer. Journal of B U on, 2018, 23, 692-705.	0.4	6
58	The â€œgood-cop bad-copâ€•TGF-beta role in breast cancer modulated by non-coding RNAs. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 1661-1675.	2.4	40
59	Ruxolitinib-conjugated gold nanoparticles for topical administration: An alternative for treating alopecia?. Medical Hypotheses, 2017, 109, 42-45.	1.5	13
60	Molecular-trapping in Emulsionâ€™s Monolayer: A New Strategy for Production and Purification of Bioactive Saponins. Scientific Reports, 2017, 7, 14511.	3.3	11
61	Low level of ochratoxin A affects genome-wide expression in kidney of pig. Toxicon, 2017, 136, 67-77.	1.6	13
62	Nutrigenomics in cancer: Revisiting the effects of natural compounds. Seminars in Cancer Biology, 2017, 46, 84-106.	9.6	81
63	Implications of dietary Ï‰â€‘3 and Ï‰â€‘6 polyunsaturated fatty acids in breast cancer (Review). Experimental and Therapeutic Medicine, 2017, 15, 1167-1176.	1.8	44
64	Future trends and emerging issues for nanodelivery systems in oral and oropharyngeal cancer. International Journal of Nanomedicine, 2017, Volume 12, 4593-4606.	6.7	36
65	The new era of nanotechnology, an alternative to change cancer treatment. Drug Design, Development and Therapy, 2017, Volume 11, 2871-2890.	4.3	135
66	Dietary Intervention by Phytochemicals and Their Role in Modulating Coding and Non-Coding Genes in Cancer. International Journal of Molecular Sciences, 2017, 18, 1178.	4.1	78
67	Understanding the Role of Non-Coding RNAs in Bladder Cancer: From Dark Matter to Valuable Therapeutic Targets. International Journal of Molecular Sciences, 2017, 18, 1514.	4.1	55
68	A Looking-Glass of Non-Coding RNAs in Oral Cancer. International Journal of Molecular Sciences, 2017, 18, 2620.	4.1	47
69	miRNA expression profiling in formalin-fixed paraffin-embedded endometriosis and ovarian cancer samples. OncoTargets and Therapy, 2017, Volume 10, 4225-4238.	2.0	50
70	Microarray based gene expression analysis of Sus Scrofa duodenum exposed to zearalenone: significance to human health. BMC Genomics, 2016, 17, 646.	2.8	23
71	Normalization of gene expression measurement of tissue samples obtained by transurethral resection of bladder tumors. OncoTargets and Therapy, 2016, 9, 3369.	2.0	2
72	Double gene siRNA knockdown of mutant p53 and TNF induces apoptosis in triple-negative breast cancer cells. OncoTargets and Therapy, 2016, Volume 9, 6921-6933.	2.0	10

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73	Knocking down of p53 triggers apoptosis and autophagy, concomitantly with inhibition of migration on SSC-4 oral squamous carcinoma cells. Molecular and Cellular Biochemistry, 2016, 419, 75-82.	3.1	22
74	Novel insight into triple-negative breast cancers, the emerging role of angiogenesis, and antiangiogenic therapy. Expert Reviews in Molecular Medicine, 2016, 18, e18.	3.9	36
75	Evaluation of cellular and molecular impact of zearalenone and Escherichia coli co-exposure on IPEC-1 cells using microarray technology. BMC Genomics, 2016, 17, 576.	2.8	19
76	Caffeic acid phenethyl ester activates pro-apoptotic and epithelialâ€“mesenchymal transition-related genes in ovarian cancer cells A2780 and A2780cis. Molecular and Cellular Biochemistry, 2016, 413, 189-198.	3.1	32
77	The clinical and biological significance of MIR-224 expression in colorectal cancer metastasis. Gut, 2016, 65, 977-989.	12.1	111
78	Clinical and pathological implications of miRNA in bladder cancer. International Journal of Nanomedicine, 2015, 10, 791.	6.7	91
79	Phytochemicals modulate carcinogenic signaling pathways in breast and hormone-related cancers. OncoTargets and Therapy, 2015, 8, 2053.	2.0	70
80	Epigallocatechin-3-gallate suppresses cell proliferation and promotes apoptosis and autophagy in oral cancer SSC-4 cells. OncoTargets and Therapy, 2015, 8, 461.	2.0	47
81	Dual Targeted Therapy with p53 siRNA and Epigallocatechingallate in a Triple Negative Breast Cancer Cell Model. PLoS ONE, 2015, 10, e0120936.	2.5	25
82	Novel technologies for oral squamous carcinoma biomarkers in diagnostics and prognostics. Acta Odontologica Scandinavica, 2015, 73, 161-168.	1.6	37
83	Exposure to zearalenone mycotoxin alters in vitro porcine intestinal epithelial cells by differential gene expression. Toxicology Letters, 2015, 232, 310-325.	0.8	60
84	Zearalenone Mycotoxin Affects Immune Mediators, MAPK Signalling Molecules, Nuclear Receptors and Genome-Wide Gene Expression in Pig Spleen. PLoS ONE, 2015, 10, e0127503.	2.5	86
85	Interspecies Gene Name Extrapolationâ€”A New Approach. PLoS ONE, 2015, 10, e0138751.	2.5	5
86	p53 siRNA - a therapeutic tool with significant implication in modulation of apoptosis and angiogenic pathways. Medicine and Pharmacy Reports, 2015, 88, 333-337.	0.4	2
87	Inhibition of tumor necrosis factor alpha using RNA interference in oral squamous cell carcinoma. Journal of B U on, 2015, 20, 1107-14.	0.4	3
88	Nanopharmacology in translational hematology and oncology. International Journal of Nanomedicine, 2014, 9, 3465.	6.7	40
89	Quality control of Ion Torrent sequencing library. Cancer Biomarkers, 2014, 14, 93-101.	1.7	9
90	Antioxidant/Prooxidant and Antibacterial/Probacterial Effects of a Grape Seed Extract in Complex with Lipoxygenase. BioMed Research International, 2014, 2014, 1-9.	1.9	7

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91	Breast tumor bank: An important resource for developing translational cancer research in Romania. Cancer Biomarkers, 2014, 14, 119-127.	1.7	6
92	NCRNA Combined Therapy as Future Treatment Option for Cancer. Current Pharmaceutical Design, 2014, 20, 6565-6574.	1.9	58
93	p53siRNA therapy reduces cell proliferation, migration and induces apoptosis in triple negative breast cancer cells. Molecular and Cellular Biochemistry, 2013, 381, 61-68.	3.1	47
94	Another review on triple negative breast cancer. Are we on the right way towards the exit from the labyrinth?. Breast, 2013, 22, 1026-1033.	2.2	43
95	Epigallocatechin gallate induce cell death and apoptosis in triple negative breast cancer cells Hs578T. Journal of Drug Targeting, 2013, 21, 250-256.	4.4	15
96	The relationship between the structure and biological actions of green tea catechins. Food Chemistry, 2013, 141, 3282-3289.	8.2	166
97	TNF-Î± Gene Knockout in Triple Negative Breast Cancer Cell Line Induces Apoptosis. International Journal of Molecular Sciences, 2013, 14, 411-420.	4.1	51
98	Epigallocatechin-3-Gallate (EGCG) Inhibits Cell Proliferation and Migratory Behaviour of Triple Negative Breast Cancer Cells. Journal of Nanoscience and Nanotechnology, 2013, 13, 632-637.	0.9	85
99	MicroRNAs and Cancer Therapy â€“ From Bystanders to Major Players. Current Medicinal Chemistry, 2013, 20, 3561-3573.	2.4	50
100	5-Fluorouracil potentiates the anti-cancer effect of oxaliplatin on Colo320 colorectal adenocarcinoma cells. Journal of Gastrointestinal and Liver Diseases, 2013, 22, 37-43.	0.9	9
101	Quantitative mRNA expression of genes involved in angiogenesis, coagulation and inflammation in multiforme glioblastoma tumoral tissue versus peritumoral brain tissue: lack of correlation with clinical data. European Cytokine Network, 2012, 23, 45-55.	2.0	17
102	Combining the chemotherapeutic effects of epigallocatechin 3-gallate with siRNA-mediated p53 knock-down results in synergic pro-apoptotic effects. International Journal of Nanomedicine, 2012, 7, 6035.	6.7	13
103	Early transcriptional pattern of angiogenesis induced by EGCG treatment in cervical tumour cells. Journal of Cellular and Molecular Medicine, 2012, 16, 520-530.	3.6	41
104	Antibacterial Activity of Copper and Cobalt Amino Acids Complexes. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2011, 39, 124.	1.1	43
105	COMPOSITION IN POLYPHENOLS AND STABILITY OF THE AQUEOUS GRAPE SEED EXTRACT FROM THE ROMANIAN VARIETY â€œMERLOT RECASâ€• Journal of Food Biochemistry, 2011, 35, 92-108.	2.9	24
106	The Relationships Between Biological Activities and Structure of Flavan-3-Ols. International Journal of Molecular Sciences, 2011, 12, 9342-9353.	4.1	65
107	Antioxidant/prooxidant activity of a polyphenolic grape seed extract. Food Chemistry, 2010, 121, 132-139.	8.2	100
108	PROTECTIVE ACTION OF DIFFERENT NATURAL FLAVAN-3-OLS AGAINST AFLATOXIN B₁-RELATED CYTOTOXICITY. Journal of Food Biochemistry, 2010, 34, 595.	2.9	3

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109	INDIVIDUAL AND COMBINED CYTOTOXIC EFFECTS OF THE MAJOR FOUR AFLATOXINS IN DIFFERENT IN VITRO STABILIZED SYSTEMS. Journal of Food Biochemistry, 2010, 34, 1079-1090.	2.9	8
110	Deoxynivalenol Impairs Porcine Intestinal Barrier Function and Decreases the Protein Expression of Claudin-4 through a Mitogen-Activated Protein Kinase-Dependent Mechanism ,. Journal of Nutrition, 2010, 140, 1956-1962.	2.9	199