

Cornelia Braicu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3858677/publications.pdf>

Version: 2024-02-01

110
papers

4,117
citations

94433

37
h-index

133252

59
g-index

111
all docs

111
docs citations

111
times ranked

6013
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comprehensive Review on MAPK: A Promising Therapeutic Target in Cancer. <i>Cancers</i> , 2019, 11, 1618.	3.7	517
2	Deoxynivalenol Impairs Porcine Intestinal Barrier Function and Decreases the Protein Expression of Claudin-4 through a Mitogen-Activated Protein Kinase-Dependent Mechanism. <i>Journal of Nutrition</i> , 2010, 140, 1956-1962.	2.9	199
3	The relationship between the structure and biological actions of green tea catechins. <i>Food Chemistry</i> , 2013, 141, 3282-3289.	8.2	166
4	The new era of nanotechnology, an alternative to change cancer treatment. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 2871-2890.	4.3	135
5	The clinical and biological significance of MIR-224 expression in colorectal cancer metastasis. <i>Gut</i> , 2016, 65, 977-989.	12.1	111
6	The Function of Non-Coding RNAs in Lung Cancer Tumorigenesis. <i>Cancers</i> , 2019, 11, 605.	3.7	104
7	Antioxidant/prooxidant activity of a polyphenolic grape seed extract. <i>Food Chemistry</i> , 2010, 121, 132-139.	8.2	100
8	An Emerging Class of Long Non-coding RNA With Oncogenic Role Arises From the snoRNA Host Genes. <i>Frontiers in Oncology</i> , 2020, 10, 389.	2.8	95
9	Clinical and pathological implications of miRNA in bladder cancer. <i>International Journal of Nanomedicine</i> , 2015, 10, 791.	6.7	91
10	Zearalenone Mycotoxin Affects Immune Mediators, MAPK Signalling Molecules, Nuclear Receptors and Genome-Wide Gene Expression in Pig Spleen. <i>PLoS ONE</i> , 2015, 10, e0127503.	2.5	86
11	Epigallocatechin-3-Gallate (EGCG) Inhibits Cell Proliferation and Migratory Behaviour of Triple Negative Breast Cancer Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 632-637.	0.9	85
12	A Comprehensive Picture of Extracellular Vesicles and Their Contents. <i>Molecular Transfer to Cancer Cells. Cancers</i> , 2020, 12, 298.	3.7	83
13	Nutrigenomics in cancer: Revisiting the effects of natural compounds. <i>Seminars in Cancer Biology</i> , 2017, 46, 84-106.	9.6	81
14	Dietary Intervention by Phytochemicals and Their Role in Modulating Coding and Non-Coding Genes in Cancer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1178.	4.1	78
15	Phytochemicals modulate carcinogenic signaling pathways in breast and hormone-related cancers. <i>OncoTargets and Therapy</i> , 2015, 8, 2053.	2.0	70
16	The Relationships Between Biological Activities and Structure of Flavan-3-Ols. <i>International Journal of Molecular Sciences</i> , 2011, 12, 9342-9353.	4.1	65
17	Exposure to zearalenone mycotoxin alters in vitro porcine intestinal epithelial cells by differential gene expression. <i>Toxicology Letters</i> , 2015, 232, 310-325.	0.8	60
18	NCRNA Combined Therapy as Future Treatment Option for Cancer. <i>Current Pharmaceutical Design</i> , 2014, 20, 6565-6574.	1.9	58

#	ARTICLE	IF	CITATIONS
19	Understanding the Role of Non-Coding RNAs in Bladder Cancer: From Dark Matter to Valuable Therapeutic Targets. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1514.	4.1	55
20	Progress in Research on the Role of Flavonoids in Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4291.	4.1	53
21	TNF- α Gene Knockout in Triple Negative Breast Cancer Cell Line Induces Apoptosis. <i>International Journal of Molecular Sciences</i> , 2013, 14, 411-420.	4.1	51
22	MicroRNAs and Cancer Therapy " From Bystanders to Major Players. <i>Current Medicinal Chemistry</i> , 2013, 20, 3561-3573.	2.4	50
23	miRNA expression profiling in formalin-fixed paraffin-embedded endometriosis and ovarian cancer samples. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 4225-4238.	2.0	50
24	Organ-On-A-Chip: A Survey of Technical Results and Problems. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 840674.	4.1	49
25	p53siRNA therapy reduces cell proliferation, migration and induces apoptosis in triple negative breast cancer cells. <i>Molecular and Cellular Biochemistry</i> , 2013, 381, 61-68.	3.1	47
26	Epigallocatechin-3-gallate suppresses cell proliferation and promotes apoptosis and autophagy in oral cancer SSC-4 cells. <i>OncoTargets and Therapy</i> , 2015, 8, 461.	2.0	47
27	A Looking-Glass of Non-Coding RNAs in Oral Cancer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2620.	4.1	47
28	Comprehensive analysis of circular RNAs in pathological states: biogenesis, cellular regulation, and therapeutic relevance. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 1559-1577.	5.4	47
29	Aberrant miRNAs expressed in HER-2 negative breast cancers patient. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 257.	8.6	46
30	Implications of dietary ω -3 and ω -6 polyunsaturated fatty acids in breast cancer (Review). <i>Experimental and Therapeutic Medicine</i> , 2017, 15, 1167-1176.	1.8	44
31	Inhibitory Effect of CAPE and Kaempferol in Colon Cancer Cell Lines"Possible Implications in New Therapeutic Strategies. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1199.	4.1	44
32	Antibacterial Activity of Copper and Cobalt Amino Acids Complexes. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2011, 39, 124.	1.1	43
33	Another review on triple negative breast cancer. Are we on the right way towards the exit from the labyrinth?. <i>Breast</i> , 2013, 22, 1026-1033.	2.2	43
34	Early transcriptional pattern of angiogenesis induced by EGCG treatment in cervical tumour cells. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 520-530.	3.6	41
35	Nanopharmacology in translational hematology and oncology. <i>International Journal of Nanomedicine</i> , 2014, 9, 3465.	6.7	40
36	The "good-cop bad-cop" TGF-beta role in breast cancer modulated by non-coding RNAs. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1661-1675.	2.4	40

#	ARTICLE	IF	CITATIONS
37	Plasma and Tissue Specific miRNA Expression Pattern and Functional Analysis Associated to Colorectal Cancer Patients. <i>Cancers</i> , 2020, 12, 843.	3.7	40
38	Connecting the dots between different networks: miRNAs associated with bladder cancer risk and progression. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 433.	8.6	38
39	Novel technologies for oral squamous carcinoma biomarkers in diagnostics and prognostics. <i>Acta Odontologica Scandinavica</i> , 2015, 73, 161-168.	1.6	37
40	Natural compounds modulate the crosstalk between apoptosis- and autophagy-regulated signaling pathways: Controlling the uncontrolled expansion of tumor cells. <i>Seminars in Cancer Biology</i> , 2022, 80, 218-236.	9.6	37
41	Novel insight into triple-negative breast cancers, the emerging role of angiogenesis, and antiangiogenic therapy. <i>Expert Reviews in Molecular Medicine</i> , 2016, 18, e18.	3.9	36
42	Future trends and emerging issues for nanodelivery systems in oral and oropharyngeal cancer. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 4593-4606.	6.7	36
43	Links between Infections, Lung Cancer, and the Immune System. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9394.	4.1	35
44	miR-181a/b therapy in lung cancer: reality or myth?. <i>Molecular Oncology</i> , 2019, 13, 9-25.	4.6	34
45	Caffeic acid phenethyl ester activates pro-apoptotic and epithelial-mesenchymal transition-related genes in ovarian cancer cells A2780 and A2780cis. <i>Molecular and Cellular Biochemistry</i> , 2016, 413, 189-198.	3.1	32
46	Altered expression of miR-181 affects cell fate and targets drug resistance-related mechanisms. <i>Molecular Aspects of Medicine</i> , 2019, 70, 90-105.	6.4	31
47	Role of Key Micronutrients from Nutrigenetic and Nutrigenomic Perspectives in Cancer Prevention. <i>Medicina (Lithuania)</i> , 2019, 55, 283.	2.0	30
48	Critical function of circular RNAs in lung cancer. <i>Wiley Interdisciplinary Reviews RNA</i> , 2020, 11, e1592.	6.4	29
49	Dual Targeted Therapy with p53 siRNA and Epigallocatechingallate in a Triple Negative Breast Cancer Cell Model. <i>PLoS ONE</i> , 2015, 10, e0120936.	2.5	25
50	COMPOSITION IN POLYPHENOLS AND STABILITY OF THE AQUEOUS GRAPE SEED EXTRACT FROM THE ROMANIAN VARIETY "MERLOT RECAS". <i>Journal of Food Biochemistry</i> , 2011, 35, 92-108.	2.9	24
51	The Unforeseen Non-Coding RNAs in Head and Neck Cancer. <i>Genes</i> , 2018, 9, 134.	2.4	24
52	The Relevance of Mass Spectrometry Analysis for Personalized Medicine through Its Successful Application in Cancer "Omics". <i>International Journal of Molecular Sciences</i> , 2019, 20, 2576.	4.1	24
53	Microarray based gene expression analysis of Sus Scrofa duodenum exposed to zearalenone: significance to human health. <i>BMC Genomics</i> , 2016, 17, 646.	2.8	23
54	Knocking down of p53 triggers apoptosis and autophagy, concomitantly with inhibition of migration on SSC-4 oral squamous carcinoma cells. <i>Molecular and Cellular Biochemistry</i> , 2016, 419, 75-82.	3.1	22

#	ARTICLE	IF	CITATIONS
55	In Vitro Transcriptome Response to a Mixture of Lactobacilli Strains in Intestinal Porcine Epithelial Cell Line. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1923.	4.1	22
56	Differential Effect of Smoking on Gene Expression in Head and Neck Cancer Patients. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1558.	2.6	21
57	Evaluation of cellular and molecular impact of zearalenone and <i>Escherichia coli</i> co-exposure on IPEC-1 cells using microarray technology. <i>BMC Genomics</i> , 2016, 17, 576.	2.8	19
58	TIMP-1 Expression in Human Colorectal Cancer Is Associated with SMAD3 Gene Expression Levels: A Pilot Study. <i>Journal of Gastrointestinal and Liver Diseases</i> , 2020, 23, 413-418.	0.9	19
59	New Insights in Gene Expression Alteration as Effect of Paclitaxel Drug Resistance in Triple Negative Breast Cancer Cells. <i>Cellular Physiology and Biochemistry</i> , 2020, 54, 648-664.	1.6	19
60	The Connection between MicroRNAs and Oral Cancer Pathogenesis: Emerging Biomarkers in Oral Cancer Management. <i>Genes</i> , 2021, 12, 1989.	2.4	19
61	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. <i>European Cytokine Network</i> , 2012, 23, 45-55.	2.0	17
62	Securidaca–saponins are natural inhibitors of AKT, MCL-1, and BCL2L1 in cervical cancer cells. <i>Cancer Management and Research</i> , 2018, Volume 10, 5709-5724.	1.9	17
63	Prognostic Value of MiR-21: An Updated Meta-Analysis in Head and Neck Squamous Cell Carcinoma (HNSCC). <i>Journal of Clinical Medicine</i> , 2019, 8, 2041.	2.4	17
64	New insights in gene expression alteration as effect of doxorubicin drug resistance in triple negative breast cancer cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 241.	8.6	17
65	Decoding the Emerging Patterns Exhibited in Non-coding RNAs Characteristic of Lung Cancer with Regard to Their Clinical Significance. <i>Current Genomics</i> , 2018, 19, 258-278.	1.6	17
66	Ovarian endometriosis, a precursor of ovarian cancer: Histological aspects, gene expression and microRNA alterations (Review). <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 243.	1.8	16
67	Epigallocatechin gallate induce cell death and apoptosis in triple negative breast cancer cells Hs578T. <i>Journal of Drug Targeting</i> , 2013, 21, 250-256.	4.4	15
68	New perspectives in triple-negative breast cancer therapy based on treatments with TGF β 21 siRNA and doxorubicin. <i>Molecular and Cellular Biochemistry</i> , 2020, 475, 285-299.	3.1	15
69	The Role of miR-155 in Nutrition: Modulating Cancer-Associated Inflammation. <i>Nutrients</i> , 2021, 13, 2245.	4.1	15
70	MicroRNA profiling in kidney in pigs fed ochratoxin A contaminated diet. <i>Ecotoxicology and Environmental Safety</i> , 2019, 184, 109637.	6.0	14
71	Cancer-Associated Stemness and Epithelial-to-Mesenchymal Transition Signatures Related to Breast Invasive Carcinoma Prognostic. <i>Cancers</i> , 2020, 12, 3053.	3.7	14
72	Combining the chemotherapeutic effects of epigallocatechin 3-gallate with siRNA-mediated p53 knock-down results in synergic pro-apoptotic effects. <i>International Journal of Nanomedicine</i> , 2012, 7, 6035.	6.7	13

#	ARTICLE	IF	CITATIONS
73	Ruxolitinib-conjugated gold nanoparticles for topical administration: An alternative for treating alopecia?. <i>Medical Hypotheses</i> , 2017, 109, 42-45.	1.5	13
74	Low level of ochratoxin A affects genome-wide expression in kidney of pig. <i>Toxicon</i> , 2017, 136, 67-77.	1.6	13
75	Molecular-trapping in Emulsion™s Monolayer: A New Strategy for Production and Purification of Bioactive Saponins. <i>Scientific Reports</i> , 2017, 7, 14511.	3.3	11
76	The World of Oral Cancer and Its Risk Factors Viewed from the Aspect of MicroRNA Expression Patterns. <i>Genes</i> , 2022, 13, 594.	2.4	11
77	Double gene siRNA knockdown of mutant p53 and TNF induces apoptosis in triple-negative breast cancer cells. <i>OncoTargets and Therapy</i> , 2016, Volume 9, 6921-6933.	2.0	10
78	Gene Expression Patterns Unveil New Insights in Papillary Thyroid Cancer. <i>Medicina (Lithuania)</i> , 2019, 55, 500.	2.0	10
79	Angiogenesis in Regenerative Dentistry: Are We Far Enough for Therapy?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 929.	4.1	10
80	Quality control of Ion Torrent sequencing library. <i>Cancer Biomarkers</i> , 2014, 14, 93-101.	1.7	9
81	Epithelial-Mesenchymal Transition Gene Signature Related to Prognostic in Colon Adenocarcinoma. <i>Journal of Personalized Medicine</i> , 2021, 11, 476.	2.5	9
82	Interaction between cadherins, vimentin, and V-set and immunoglobulin domain containing 1 in gastric-type hepatocellular carcinoma. <i>Histochemistry and Cell Biology</i> , 2021, 156, 377-390.	1.7	9
83	5-Fluorouracil potentiates the anti-cancer effect of oxaliplatin on Colo320 colorectal adenocarcinoma cells. <i>Journal of Gastrointestinal and Liver Diseases</i> , 2013, 22, 37-43.	0.9	9
84	INDIVIDUAL AND COMBINED CYTOTOXIC EFFECTS OF THE MAJOR FOUR AFLATOXINS IN DIFFERENT IN VITRO STABILIZED SYSTEMS. <i>Journal of Food Biochemistry</i> , 2010, 34, 1079-1090.	2.9	8
85	Premature senescence activation in DLD-1 colorectal cancer cells through adjuvant therapy to induce a miRNA profile modulating cellular death. <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 1241-1249.	1.8	8
86	Dysregulation of miR-21-5p, miR-93-5p, miR-200c-3p and miR-205-5p in Oral Squamous Cell Carcinoma: A Potential Biomarkers Panel?. <i>Current Issues in Molecular Biology</i> , 2022, 44, 1754-1767.	2.4	8
87	Antioxidant/Prooxidant and Antibacterial/Probacterial Effects of a Grape Seed Extract in Complex with Lipoxygenase. <i>BioMed Research International</i> , 2014, 2014, 1-9.	1.9	7
88	SOX11, SOX10 and MITF Gene Interaction: A Possible Diagnostic Tool in Malignant Melanoma. <i>Life</i> , 2021, 11, 281.	2.4	7
89	Next-Generation Sequencing in Lung Cancer Patients: A Comparative Approach in NSCLC and SCLC Mutational Landscapes. <i>Journal of Personalized Medicine</i> , 2022, 12, 453.	2.5	7
90	Breast tumor bank: An important resource for developing translational cancer research in Romania. <i>Cancer Biomarkers</i> , 2014, 14, 119-127.	1.7	6

#	ARTICLE	IF	CITATIONS
91	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
92	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
93	Interspecies Gene Name Extrapolation—A New Approach. PLoS ONE, 2015, 10, e0138751.	2.5	5
94	Mir-23a and mir-181b serum levels in irritable bowel syndrome and colorectal cancer — A pilot study. Bosnian Journal of Basic Medical Sciences, 2020, 20, 254-261.	1.0	5
95	Focus on organoids: cooperation and interconnection with extracellular vesicles — Is this the future of in vitro modeling?. Seminars in Cancer Biology, 2022, 86, 367-381.	9.6	5
96	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
97	MicroRNA Dysregulation in Prostate Cancer. Pharmacogenomics and Personalized Medicine, 2022, Volume 15, 177-193.	0.7	4
98	Alteration of Gene and miRNA Expression in Cervical Intraepithelial Neoplasia and Cervical Cancer. International Journal of Molecular Sciences, 2022, 23, 6054.	4.1	4
99	PROTECTIVE ACTION OF DIFFERENT NATURAL FLAVAN-3-OLS AGAINST AFLATOXIN B₁-RELATED CYTOTOXICITY. Journal of Food Biochemistry, 2010, 34, 595.	2.9	3
100	miRNA Expression Assays. , 2019, , 51-71.		3
101	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
102	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
103	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
104	Expression of Selected Genes and Circulating microRNAs in Patients with Celiac Disease. Medicina (Lithuania), 2022, 58, 180.	2.0	3
105	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
106	Normalization of gene expression measurement of tissue samples obtained by transurethral resection of bladder tumors. OncoTargets and Therapy, 2016, 9, 3369.	2.0	2
107	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
108	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

#	ARTICLE	IF	CITATIONS
109	Functional Genomics in Health and Disease. International Journal of Molecular Sciences, 2021, 22, 12944.	4.1	1
110	Targeting Cell Death Mechanism Specifically in Triple Negative Breast Cancer Cell Lines. International Journal of Molecular Sciences, 2022, 23, 4784.	4.1	1