

# Lenka Radova

## List of Publications by Year in descending order

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89  
papers

2,603  
citations

186265  
28  
h-index

206112  
48  
g-index

90  
all docs

90  
docs citations

90  
times ranked

5244  
citing authors

#	ARTICLE	IF	CITATIONS
1	Circulating miR-378 and miR-451 in serum are potential biomarkers for renal cell carcinoma. <i>Journal of Translational Medicine</i> , 2012, 10, 55.	4.4	228
2	Serum-based microRNA signatures in early diagnosis and prognosis prediction of colon cancer. <i>Carcinogenesis</i> , 2016, 37, 941-950.	2.8	141
3	Identification and functional screening of microRNAs highly deregulated in colorectal cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 2655-2666.	3.6	127
4	MicroRNA expression profile associated with response to neoadjuvant chemoradiotherapy in locally advanced rectal cancer patients. <i>Radiation Oncology</i> , 2012, 7, 195.	2.7	111
5	Evaluation of SNPs in miR-196-a2, miR-27a and miR-146a as risk factors of colorectal cancer. <i>World Journal of Gastroenterology</i> , 2012, 18, 2827.	3.3	102
6	Identification of MicroRNAs associated with early relapse after nephrectomy in renal cell carcinoma patients. <i>Genes Chromosomes and Cancer</i> , 2012, 51, 707-716.	2.8	97
7	Circulating serum microRNAs as novel diagnostic and prognostic biomarkers for multiple myeloma and monoclonal gammopathy of undetermined significance. <i>Haematologica</i> , 2014, 99, 511-518.	3.5	94
8	Clinical and pathogenic features of ETV6-related thrombocytopenia with predisposition to acute lymphoblastic leukemia. <i>Haematologica</i> , 2016, 101, 1333-1342.	3.5	92
9	Prognostic value of Bmi-1 oncoprotein expression in NSCLC patients: a tissue microarray study. <i>Journal of Cancer Research and Clinical Oncology</i> , 2008, 134, 1037-1042.	2.5	89
10	Circulating PIWI-Interacting RNAs piR-5937 and piR-28876 Are Promising Diagnostic Biomarkers of Colon Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018, 27, 1019-1028.	2.5	77
11	MiR-215-5p is a tumor suppressor in colorectal cancer targeting EGFR ligand epiregulin and its transcriptional inducer HOXB9. <i>Oncogenesis</i> , 2017, 6, 399.	4.9	74
12	MiR-210 expression in tumor tissue and in vitro effects of its silencing in renal cell carcinoma. <i>Tumor Biology</i> , 2013, 34, 481-491.	1.8	70
13	MicroRNA expression profiling identifies miR-31-5p/3p as associated with time to progression in wild-type RAS metastatic colorectal cancer treated with cetuximab. <i>Oncotarget</i> , 2015, 6, 38695-38704.	1.8	67
14	Noninvasive prognostic protein biomarker signatures associated with colorectal cancer. <i>EMBO Molecular Medicine</i> , 2015, 7, 1153-1165.	6.9	49
15	MicroRNA miR-34a downregulates FOXP1 during DNA damage response to limit BCR signalling in chronic lymphocytic leukaemia B cells. <i>Leukemia</i> , 2019, 33, 403-414.	7.2	46
16	IDENTIFICATION OF CD133+/NESTIN+ PUTATIVE CANCER STEM CELLS IN NON-SMALL CELL LUNG CANCER. <i>Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia</i> , 2010, 154, 321-326.	0.6	46
17	Cerebrospinal Fluid MicroRNA Signatures as Diagnostic Biomarkers in Brain Tumors. <i>Cancers</i> , 2019, 11, 1546.	3.7	45
18	Dynamic changes in microRNA expression profiles reflect progression of Barrett's esophagus to esophageal adenocarcinoma. <i>Carcinogenesis</i> , 2015, 36, 521-527.	2.8	44

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19	Changes of microRNAs-192, 196a and 203 correlate with Barrett's esophagus diagnosis and its progression compared to normal healthy individuals. <i>Diagnostic Pathology</i> , 2011, 6, 114.	2.0	42
20	miR-155 and miR-484 Are Associated with Time to Progression in Metastatic Renal Cell Carcinoma Treated with Sunitinib. <i>BioMed Research International</i> , 2015, 2015, 1-5.	1.9	41
21	MicroRNA and mesial temporal lobe epilepsy with hippocampal sclerosis: Whole genome profiling of human hippocampus. <i>Epilepsia</i> , 2017, 58, 1782-1793.	5.1	41
22	Deregulated expression of long non-coding RNA UCA1 in multiple myeloma. <i>European Journal of Haematology</i> , 2017, 99, 223-233.	2.2	40
23	Common polymorphisms in GSTM1, GSTT1, GSTP1, GSTA1 and susceptibility to colorectal cancer in the Central European population. <i>European Journal of Medical Research</i> , 2012, 17, 17.	2.2	39
24	Circulating exosomal long noncoding RNA PRINS-First findings in monoclonal gammopathies. <i>Hematological Oncology</i> , 2018, 36, 786-791.	1.7	39
25	Epithelial-mesenchymal transition-associated microRNA/mRNA signature is linked to metastasis and prognosis in clear-cell renal cell carcinoma. <i>Scientific Reports</i> , 2016, 6, 31852.	3.3	37
26	Identification of microRNAs differentially expressed in glioblastoma stem-like cells and their association with patient survival. <i>Scientific Reports</i> , 2018, 8, 2836.	3.3	37
27	Genome-wide identification of urinary cell-free microRNAs for non-invasive detection of bladder cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2033-2038.	3.6	36
28	Risk Score based on microRNA expression signature is independent prognostic classifier of glioblastoma patients. <i>Carcinogenesis</i> , 2014, 35, 2756-2762.	2.8	30
29	BCL2 is an independent predictor of outcome in basal-like triple-negative breast cancers treated with adjuvant anthracycline-based chemotherapy. <i>Tumor Biology</i> , 2015, 36, 4243-4252.	1.8	29
30	STAT3 and TP53 mutations associate with poor prognosis in anaplastic large cell lymphoma. <i>Leukemia</i> , 2021, 35, 1500-1505.	7.2	29
31	Low-burden TP53 mutations in CLL: clinical impact and clonal evolution within the context of different treatment options. <i>Blood</i> , 2021, 138, 2670-2685.	1.4	29
32	Hepatocellular carcinoma: Gene expression profiling and regulation of xenobiotic-metabolizing cytochromes P450. <i>Biochemical Pharmacology</i> , 2020, 177, 113912.	4.4	24
33	MicroRNA-15b-5p Predicts Locoregional Relapse in Head and Neck Carcinoma Patients Treated With Intensity-modulated Radiotherapy. <i>Cancer Genomics and Proteomics</i> , 2019, 16, 139-146.	2.0	21
34	The measurement of reactive oxygen species in human neat semen and in suspended spermatozoa: a comparison. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 118.	3.3	20
35	Akt expression and compartmentalization in prediction of clinical outcome in HER2-positive metastatic breast cancer patients treated with trastuzumab. <i>International Journal of Oncology</i> , 2012, 41, 1204-1212.	3.3	20
36	Evaluation of HER2 Gene Status in Breast Cancer Samples with Indeterminate Fluorescence in Situ Hybridization by Quantitative Real-Time PCR. <i>Journal of Molecular Diagnostics</i> , 2015, 17, 446-455.	2.8	20

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37	ATM and TP53 mutations show mutual exclusivity but distinct clinical impact in mantle cell lymphoma patients. <i>Leukemia and Lymphoma</i> , 2019, 60, 1420-1428.	1.3	20
38	DNA mutation motifs in the genes associated with inherited diseases. <i>PLoS ONE</i> , 2017, 12, e0182377.	2.5	20
39	Centrosome associated genes pattern for risk sub-stratification in multiple myeloma. <i>Journal of Translational Medicine</i> , 2016, 14, 150.	4.4	18
40	A small molecule drug promoting miRNA processing induces alternative splicing of MdmX transcript and rescues p53 activity in human cancer cells overexpressing MdmX protein. <i>PLoS ONE</i> , 2017, 12, e0185801.	2.5	18
41	Cancer Cell Response to Anthracyclines Effects: Mysteries of the Hidden Proteins Associated with These Drugs. <i>International Journal of Molecular Sciences</i> , 2012, 13, 15536-15564.	4.1	17
42	MiR-376b-3p Is Associated With Long-term Response to Sunitinib in Metastatic Renal Cell Carcinoma Patients. <i>Cancer Genomics and Proteomics</i> , 2019, 16, 353-359.	2.0	17
43	Circulating Serum MicroRNA-130a as a Novel Putative Marker of Extramedullary Myeloma. <i>PLoS ONE</i> , 2015, 10, e0137294.	2.5	16
44	ATM mutations in major stereotyped subsets of chronic lymphocytic leukemia: enrichment in subset #2 is associated with markedly short telomeres. <i>Haematologica</i> , 2016, 101, e369-e373.	3.5	16
45	Expression of COBL1 encoding novel ROR1 binding partner is robust predictor of survival in chronic lymphocytic leukemia. <i>Haematologica</i> , 2018, 103, 313-324.	3.5	16
46	Epithelial to mesenchymal transition and microRNA expression are associated with spindle and apocrine cell morphology in triple-negative breast cancer. <i>Scientific Reports</i> , 2021, 11, 5145.	3.3	16
47	A novel germline mutation of the SFTPA1 gene in familial interstitial pneumonia. <i>Human Genome Variation</i> , 2019, 6, 12.	0.7	15
48	CLL cells cumulate genetic aberrations prior to the first therapy even in outwardly inactive disease phase. <i>Leukemia</i> , 2019, 33, 518-558.	7.2	15
49	Hepcidin levels in Diamond-Blackfan anemia reflect erythropoietic activity and transfusion dependency. <i>Haematologica</i> , 2014, 99, e118-e121.	3.5	13
50	Decreased <i>WNT3</i> expression in chronic lymphocytic leukaemia is a hallmark of disease progression and identifies patients with worse prognosis in the subgroup with mutated <i>IGHV</i> . <i>British Journal of Haematology</i> , 2016, 175, 851-859.	2.5	13
51	Global MicroRNA Expression Profiling Identifies Unique MicroRNA Pattern of Radioresistant Glioblastoma Cells. <i>Anticancer Research</i> , 2017, 37, 1099-1104.	1.1	13
52	Analysis of the prognostic impact of nestin expression in non-small cell lung cancer. <i>Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia</i> , 2012, 156, 135-142.	0.6	13
53	Lycopene improves the distorted ratio between AA/DHA in the seminal plasma of infertile males and increases the likelihood of successful pregnancy. <i>Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia</i> , 2015, 159, 077-082.	0.6	13
54	Mutational analysis of primary and metastatic colorectal cancer samples underlying the resistance to cetuximab-based therapy. <i>OncoTargets and Therapy</i> , 2016, Volume 9, 4695-4703.	2.0	12

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55	Tumor expression of miR-34a-3p is an independent predictor of recurrence in non-muscle-invasive bladder cancer and promising additional factor to improve predictive value of EORTC nomogram. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2019, 37, 184.e1-184.e7.	1.6	11
56	The Root Growth-Regulating Brevicompanine Natural Products Modulate the Plant Circadian Clock. <i>ACS Chemical Biology</i> , 2017, 12, 1466-1471.	3.4	9
57	PROGNOSTIC VALUE OF hMLH1 AND hMSH2 IMMUNOHISTOCHEMICAL EXPRESSION IN NON-SMALL CELL LUNG CANCER. A TISSUE MICROARRAY STUDY. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2006, 150, 255-259.	0.6	9
58	Combination of serum microRNA-320a and microRNA-320b as a marker for Waldenström macroglobulinemia. <i>American Journal of Hematology</i> , 2015, 90, E51-2.	4.1	8
59	A novel germline mutation in <i>GP1BA</i> gene N-terminal domain in monoallelic Bernard-Soulier syndrome. <i>Platelets</i> , 2018, 29, 827-833.	2.3	8
60	C-terminal RUNX1 mutation in familial platelet disorder with predisposition to myeloid malignancies. <i>International Journal of Hematology</i> , 2018, 108, 652-657.	1.6	8
61	High-throughput analysis revealed mutations' diverging effects on <i>SMN1</i> exon 7 splicing. <i>RNA Biology</i> , 2019, 16, 1364-1376.	3.1	8
62	Predictive parameters for internal mammary node drainage in patients with early breast cancer. <i>Tumori</i> , 2014, 100, 254-8.	1.1	8
63	Novel genetic variant of HPS1 gene in Hermansky-Pudlak syndrome with fulminant progression of pulmonary fibrosis: a case report. <i>BMC Pulmonary Medicine</i> , 2019, 19, 178.	2.0	7
64	Small RNA Sequencing Identifies PIWI-Interacting RNAs Deregulated in Glioblastoma piR-9491 and piR-12488 Reduce Tumor Cell Colonies In Vitro. <i>Frontiers in Oncology</i> , 2021, 11, 707017.	2.8	6
65	Combination of prednisolone and low dosed dexamethasone exhibits greater in vitro antileukemic activity than equiactive dose of prednisolone and overcomes prednisolone drug resistance in acute childhood lymphoblastic leukemia. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2014, 158, 422-427.	0.6	6
66	Which health professionals are most at risk for cardiovascular disease? Or do not be a manager. <i>International Journal of Occupational Medicine and Environmental Health</i> , 2014, 27, 71-7.	1.3	5
67	Single cell analysis revealed a coexistence of <i>NOTCH1</i> and <i>TP53</i> mutations within the same cancer cells in chronic lymphocytic leukaemia patients. <i>British Journal of Haematology</i> , 2017, 178, 979-982.	2.5	5
68	Transcription factor YY1 can control AID-mediated mutagenesis in mice. <i>European Journal of Immunology</i> , 2018, 48, 273-282.	2.9	5
69	Bending of DNA duplexes with mutation motifs. <i>DNA Research</i> , 2019, 26, 341-352.	3.4	5
70	Identification of microRNA signatures in umbilical cord blood associated with maternal characteristics. <i>PeerJ</i> , 2019, 7, e6981.	2.0	5
71	The immunohistochemical expression of BNIP3 protein in non-small cell lung cancer: a tissue microarray study. <i>Amis</i> , 2010, 118, 565-570.	2.0	4
72	MicroRNAs in urine are not biomarkers of multiple myeloma. <i>Journal of Negative Results in BioMedicine</i> , 2015, 14, 16.	1.4	4

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73	BCL2 protein in prediction of relapse in triple-negative breast cancer (TNBC) treated with adjuvant anthracycline-based chemotherapy.. <i>Journal of Clinical Oncology</i> , 2012, 30, 1087-1087.	1.6	4
74	Correlation between BRCA1 expression and clinicopathological factors including brain metastases in patients with non-small-cell lung cancer. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2013, 157, 227-232.	0.6	3
75	Nucleotides in both donor and acceptor splice sites are responsible for choice in NAGNAG tandem splice sites. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 6979-6993.	5.4	3
76	Comprehensive group therapy of obesity and its impact on selected anthropometric and postural parameters. <i>Central European Journal of Public Health</i> , 2017, 25, 326-331.	1.1	3
77	LncRNAs LY86-AS1 and VIM-AS1 Distinguish Plasma Cell Leukemia Patients from Multiple Myeloma Patients. <i>Biomedicines</i> , 2021, 9, 1637.	3.2	3
78	Evaluation of laparoscopic resection of colorectal carcinoma from the viewpoint of molecular biology. <i>Wideochirurgia I Inne Techniki Maloinwazyjne</i> , 2012, 1, 19-26.	0.7	2
79	Activation-induced deaminase and its splice variants associate with trisomy 12 in chronic lymphocytic leukemia. <i>Annals of Hematology</i> , 2019, 98, 423-435.	1.8	2
80	Functional analysis of germline ETV6 W380R mutation causing inherited thrombocytopenia and secondary acute lymphoblastic leukemia or essential thrombocythemia. <i>Platelets</i> , 2020, 32, 1-4.	2.3	2
81	High lapatinib plasma levels in breast cancer patients: risk or benefit?. <i>Tumori</i> , 2012, 98, 162-5.	1.1	2
82	Bioinformatic pipelines for whole transcriptome sequencing data exploitation in leukemia patients with complex structural variants. <i>PeerJ</i> , 2019, 7, e7071.	2.0	1
83	A GP1BA Variant in a Czech Family with Monoallelic Bernard-Soulier Syndrome. <i>International Journal of Molecular Sciences</i> , 2022, 23, 885.	4.1	1
84	Expression of multidrug resistance protein 1 and multidrug resistance-associated protein 1 in peripheral blood lymphocytes amongst children and young adults. <i>Central-European Journal of Immunology</i> , 2013, 4, 518-529.	1.2	0
85	Complex Interplay of Genes Underlies Invasiveness in Fibrosarcoma Progression Model. <i>Journal of Clinical Medicine</i> , 2021, 10, 2297.	2.4	0
86	Copy number changes in triple-negative breast cancer: New molecular targets.. <i>Journal of Clinical Oncology</i> , 2013, 31, 1063-1063.	1.6	0
87	Profiling of biological and environmental risk factors in immunogenetic subgroups of chronic lymphocytic leukemia - Czech national study. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2020, 164, 425-434.	0.6	0
88	Role of miR-653 and miR-29c in downregulation of CYP1A2 expression in hepatocellular carcinoma. <i>Pharmacological Reports</i> , 2022, 74, 148-158.	3.3	0
89	Lactate kinetics after abdominal aortic surgery and intestinal ischemia â€œ An observational cohort study. <i>International Journal of Surgery</i> , 2022, 98, 106220.	2.7	0