

# Natasa Anastasov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4353216/publications.pdf>

Version: 2024-02-01

60  
papers

2,395  
citations

236925

25  
h-index

233421

45  
g-index

60  
all docs

60  
docs citations

60  
times ranked

3938  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combining HDAC and MEK Inhibitors with Radiation against Glioblastoma-Derived Spheres. <i>Cells</i> , 2022, 11, 775.	4.1	11
2	Integrated analysis of single-cell RNA-seq and bulk RNA-seq unravels tumour heterogeneity plus M2-like tumour-associated macrophage infiltration and aggressiveness in TNBC. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 189-202.	4.2	82
3	A Five-Year report on the conception and establishment of the MSc Radiation Biology at the Technical University of Munich. <i>International Journal of Radiation Biology</i> , 2021, 97, 256-264.	1.8	0
4	Inhibition of miR-21 Promotes Cellular Senescence in NT2-Derived Astrocytes. <i>Biochemistry (Moscow)</i> , 2021, 86, 1434-1445.	1.5	3
5	GTP Cyclohydrolase 1/Tetrahydrobiopterin Counteract Ferroptosis through Lipid Remodeling. <i>ACS Central Science</i> , 2020, 6, 41-53.	11.3	551
6	Transcriptome network of the papillary thyroid carcinoma radiation marker CLIP2. <i>Radiation Oncology</i> , 2020, 15, 182.	2.7	1
7	Chronic Occupational Exposure to Ionizing Radiation Induces Alterations in the Structure and Metabolism of the Heart: A Proteomic Analysis of Human Formalin-Fixed Paraffin-Embedded (FFPE) Cardiac Tissue. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6832.	4.1	17
8	MEK1 Inhibitor Combined with Irradiation Reduces Migration of Breast Cancer Cells Including miR-221 and ZEB1 EMT Marker Expression. <i>Cancers</i> , 2020, 12, 3760.	3.7	8
9	Comparison of Radiosensitization by HDAC Inhibitors CLUDC-101 and SAHA in Pancreatic Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3259.	4.1	33
10	Radiation effects on early phase of NT2/D1 neural differentiation in vitro. <i>International Journal of Radiation Biology</i> , 2019, 95, 1627-1639.	1.8	1
11	A novel epigenetic signature for overall survival prediction in patients with breast cancer. <i>Journal of Translational Medicine</i> , 2019, 17, 380.	4.4	52
12	SOX3 can promote the malignant behavior of glioblastoma cells. <i>Cellular Oncology (Dordrecht)</i> , 2019, 42, 41-54.	4.4	27
13	Integrative multiomics study for validation of mechanisms in radiation-induced ischemic heart disease in Mayak workers. <i>PLoS ONE</i> , 2018, 13, e0209626.	2.5	11
14	Ionizing radiation biomarkers in epidemiological studies – An update. <i>Mutation Research - Reviews in Mutation Research</i> , 2017, 771, 59-84.	5.5	118
15	Differential response of normal and transformed mammary epithelial cells to combined treatment of anti-miR-21 and radiation. <i>International Journal of Radiation Biology</i> , 2017, 93, 361-372.	1.8	7
16	Radiation alters the cargo of exosomes released from squamous head and neck cancer cells to promote migration of recipient cells. <i>Scientific Reports</i> , 2017, 7, 12423.	3.3	92
17	Radiation induced transcriptional and post-transcriptional regulation of the hsa-miR-23a ~ 27a ~ 24-2 cluster suppresses apoptosis by stabilizing XIAP. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017, 1860, 1127-1137.	1.9	13
18	Poster session 18: Cells, materials and biochemistry II. <i>Biomedizinische Technik</i> , 2017, 62, .	0.8	0

#	ARTICLE	IF	CITATIONS
19	A dose-dependent perturbation in cardiac energy metabolism is linked to radiation-induced ischemic heart disease in Mayak nuclear workers. <i>Oncotarget</i> , 2017, 8, 9067-9078.	1.8	50
20	Abstract 5849: Exosomes promote survival and migration in squamous head and neck cancer cells after ionizing radiation: Evidence for a bystander effect. , 2017, , .		0
21	Three-dimensional microtissues essentially contribute to preclinical validations of therapeutic targets in breast cancer. <i>Cancer Medicine</i> , 2016, 5, 703-710.	2.8	29
22	Optimized Lentiviral Transduction Protocols by Use of a Poloxamer Enhancer, Spinoculation, and scFv-Antibody Fusions to VSV-G. <i>Methods in Molecular Biology</i> , 2016, 1448, 49-61.	0.9	15
23	MiRNA-183 cluster in response to asthma treatment. , 2016, , .		0
24	A 3D-microtissue-based phenotypic screening of radiation resistant tumor cells with synchronized chemotherapeutic treatment. <i>BMC Cancer</i> , 2015, 15, 466.	2.6	43
25	PARTICLE, a Triplex-Forming Long ncRNA, Regulates Locus-Specific Methylation in Response to Low-Dose Irradiation. <i>Cell Reports</i> , 2015, 11, 474-485.	6.4	189
26	Additive impact of HER2 and PTK6 RNAi on interactions with HER3 or IGF1R leads to reduced breast cancer progression in vivo. <i>Molecular Oncology</i> , 2015, 9, 282-294.	4.6	12
27	Secreted uPAR isoform 2 (uPAR7b) is a novel direct target of miR-221. <i>Oncotarget</i> , 2015, 6, 8103-8114.	1.8	13
28	Oncogenic features of the bone morphogenic protein 7 (BMP7) in pheochromocytoma. <i>Oncotarget</i> , 2015, 6, 39111-39126.	1.8	15
29	Abstract 1810: Three-dimensional microtissues as phenotypic screening model to identify radiation modifiers for breast cancer. , 2015, , .		0
30	Abstract 1408: Generation of 3D-microtissues suitable for drug screening with lentivirally GFP-labelled CD44+CD24- breast cancer cells enriched by irradiation. , 2015, , .		0
31	Systematic improvement of lentivirus transduction protocols by antibody fragments fused to VSV-G as envelope glycoprotein. <i>Biomaterials</i> , 2014, 35, 4204-4212.	11.4	10
32	Constitutive IDO expression in human cancer is sustained by an autocrine signaling loop involving IL-6, STAT3 and the AHR. <i>Oncotarget</i> , 2014, 5, 1038-1051.	1.8	248
33	Abstract 4059: The bone morphogenic protein 7 (Bmp7) plays a pro-tumorigenic role in pheochromocytoma. , 2014, , .		0
34	Transcriptome analysis of MENX-associated rat pituitary adenomas identifies novel molecular mechanisms involved in the pathogenesis of human pituitary gonadotroph adenomas. <i>Acta Neuropathologica</i> , 2013, 126, 137-150.	7.7	40
35	Rb1 Haploinsufficiency Promotes Telomere Attrition and Radiation-Induced Genomic Instability. <i>Cancer Research</i> , 2013, 73, 4247-4255.	0.9	25
36	MiR-221/222 differentiate prognostic groups in advanced breast cancers and influence cell invasion. <i>British Journal of Cancer</i> , 2013, 109, 2714-2723.	6.4	54

#	ARTICLE	IF	CITATIONS
37	Integrative proteomic and microRNA analysis of primary human coronary artery endothelial cells exposed to low-dose gamma radiation. <i>Radiation and Environmental Biophysics</i> , 2013, 52, 87-98.	1.4	34
38	Effects of Simultaneous Knockdown of HER2 and PTK6 on Malignancy and Tumor Progression in Human Breast Cancer Cells. <i>Molecular Cancer Research</i> , 2013, 11, 381-392.	3.4	22
39	Identification of C/EBP $\beta$ Target Genes in ALK+ Anaplastic Large Cell Lymphoma (ALCL) by Gene Expression Profiling and Chromatin Immunoprecipitation. <i>PLoS ONE</i> , 2013, 8, e64544.	2.5	28
40	Abstract 5528: Identification of compounds modifying radiation-therapy using a 3D-microtissue technology.., 2013, , .		0
41	Abstract A046: MiR-221 and -222 expression elevates cell invasion and allows distinction between different prognostic groups in advanced breast cancers. , 2013, , .		0
42	Poloxamer synperonic F108 improves cellular transduction with lentiviral vectors. <i>Journal of Gene Medicine</i> , 2012, 14, 549-560.	2.8	51
43	Radiation resistance due to high expression of miR-21 and G2/M checkpoint arrest in breast cancer cells. <i>Radiation Oncology</i> , 2012, 7, 206.	2.7	100
44	Low dose irradiation of thyroid cells reveals a unique transcriptomic and epigenetic signature in RET/PTC-positive cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012, 731, 27-40.	1.0	19
45	Impact of protein tyrosine kinase 6 (PTK6) on human epidermal growth factor receptor (HER) signalling in breast cancer. <i>Molecular BioSystems</i> , 2011, 7, 1603.	2.9	29
46	MicroRNA-Mediated Processes are Essential for the Cellular Radiation Response. <i>Radiation Research</i> , 2011, 176, 575.	1.5	66
47	Abstract 2471: The tumor suppressor gene Rb1 controls telomeric length and genomic instability that predisposes to osteosarcoma development in irradiated mice. , 2011, , .		0
48	C/EBP $\beta$ expression in ALK-positive anaplastic large cell lymphomas is required for cell proliferation and is induced by the STAT3 signaling pathway. <i>Haematologica</i> , 2010, 95, 760-767.	3.5	58
49	Efficient shRNA delivery into B and T lymphoma cells using lentiviral vector-mediated transfer. <i>Journal of Hematopathology</i> , 2009, 2, 9-19.	0.4	33
50	Identification of Genes Which Play a Crucial Role in C/EBP $\beta$ Downstream Signalling in ALK+ ALCL Cell Lines.. <i>Blood</i> , 2009, 114, 1943-1943.	1.4	0
51	Specific lentiviral shRNA-mediated knockdown of cyclin D1 in mantle cell lymphoma has minimal effects on cell survival and reveals a regulatory circuit with cyclin D2. <i>Leukemia</i> , 2008, 22, 2097-2105.	7.2	67
52	Targeting CDK4 in Mantle Cell Lymphoma (MCL) Cell Lines by Specific Lentiviral shRNA Mediated Knockdown Has Profound Effects on Cell Growth and Cell Cycle but Minimal Effects on Apoptosis.. <i>Blood</i> , 2008, 112, 1767-1767.	1.4	7
53	Gene Expression Profiling Reveals a Crucial Role for C/EBP $\beta$ in Proliferation Pathways of ALK+ ALCL Cell Lines. <i>Blood</i> , 2008, 112, 2818-2818.	1.4	0
54	Functional Analysis of Cyclin D1 in Mantle Cell Lymphoma (MCL) by Specific Lentiviral shRNA Mediated Knockdown.. <i>Blood</i> , 2007, 110, 1584-1584.	1.4	0

#	ARTICLE	IF	CITATIONS
55	C/EBP $\beta$ Expression in ALK+ Anaplastic Large Cell Lymphomas (ALCL) Is Regulated by Stat3 Signaling Pathway.. Blood, 2007, 110, 3570-3570.	1.4	0
56	NPM-ALK $\alpha$ -dependent expression of the transcription factor CCAAT/enhancer binding protein $\beta$ in ALK-positive anaplastic large cell lymphoma. Blood, 2006, 108, 2029-2036.	1.4	47
57	Real-time Quantitative RT-PCR Shows Variable, Assay-dependent Sensitivity to Formalin Fixation: Implications for Direct Comparison of Transcript Levels in Paraffin-embedded Tissues. Diagnostic Molecular Pathology, 2006, 15, 149-156.	2.1	42
58	The kgmB gene, encoding ribosomal RNA methylase from Streptomyces tenebrarius, is autogenously regulated. Archives of Microbiology, 2004, 182, 475-481.	2.2	4
59	The AGUAAA motif in cspA1/A2 mRNA is important for adaptation of Yersinia enterocolitica to grow at low temperature. Molecular Microbiology, 2003, 50, 1629-1645.	2.5	18
60	The bone morphogenic protein 7 (Bmp7) plays a pro-tumorigenic role in pheochromocytoma. Endocrine Abstracts, 0, , .	0.0	0