

Wiktoria Maria Suchorska

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

1,533
citations

411340

20
h-index

425179

34
g-index

91
all docs

91
docs citations

91
times ranked

2718
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a quasi-humanoid phantom to perform dosimetric and radiobiological measurements for out-of-field doses from external beam radiation therapy. <i>Journal of Applied Clinical Medical Physics</i> , 2022, 23, e13514.	0.8	4
2	The Induced Pluripotent Stem Cells in Articular Cartilage Regeneration and Disease Modelling: Are We Ready for Their Clinical Use?. <i>Cells</i> , 2022, 11, 529.	1.8	17
3	Biological response of adrenal carcinoma and melanoma cells to mitotane treatment. <i>Oncology Letters</i> , 2022, 23, 120.	0.8	6
4	Influence of Specific Treatment Parameters on Nontarget and Out-of-Field Doses in a Phantom Model of Prostate SBRT with CyberKnife and TrueBeam. <i>Life</i> , 2022, 12, 628.	1.1	2
5	Cellular Damage in the Target and Out-Of-Field Peripheral Organs during VMAT SBRT Prostate Radiotherapy: An In Vitro Phantom-Based Study. <i>Cancers</i> , 2022, 14, 2712.	1.7	3
6	Nontarget and Out-of-Field Doses from Electron Beam Radiotherapy. <i>Life</i> , 2022, 12, 858.	1.1	3
7	Gallic Acid-Functionalized, TiO ₂ -Based Nanomaterial Preparation, Physicochemical and Biological Properties. <i>Materials</i> , 2022, 15, 4177.	1.3	1
8	Use of Biological Dosimetry for Monitoring Medical Workers Occupationally Exposed to Ionizing Radiation. <i>Radiation</i> , 2021, 1, 95-115.	0.6	4
9	Ionizing radiation exposure of stem cell-derived chondrocytes affects their gene and microRNA expression profiles and cytokine production. <i>Scientific Reports</i> , 2021, 11, 7481.	1.6	2
10	Profiling of microRNAs in actinic keratosis and cutaneous squamous cell carcinoma patients. <i>Archives of Dermatological Research</i> , 2021, , 1.	1.1	2
11	Future Perspectives of Proton Therapy in Minimizing the Toxicity of Breast Cancer Radiotherapy. <i>Journal of Personalized Medicine</i> , 2021, 11, 410.	1.1	11
12	The m ⁶ A RNA Modification Quantity and mRNA Expression Level of RNA Methylation-Related Genes in Head and Neck Squamous Cell Carcinoma Cell Lines and Patients. <i>Biomolecules</i> , 2021, 11, 908.	1.8	5
13	The Analysis of Inflammation-Related Proteins in a Cargo of Exosomes Derived from the Serum of Uveal Melanoma Patients Reveals Potential Biomarkers of Disease Progression. <i>Cancers</i> , 2021, 13, 3334.	1.7	16
14	Head and Neck Squamous Cell Carcinoma: Epigenetic Landscape. <i>Diagnostics</i> , 2021, 11, 34.	1.3	22
15	The Role of Gold Nanorods in the Response of Prostate Cancer and Normal Prostate Cells to Ionizing Radiation In Vitro Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 16.	1.8	19
16	The involvement of small heat shock protein in chemoresistance in ovarian cancer - study. <i>EXCLI Journal</i> , 2021, 20, 935-947.	0.5	0
17	Currently used in clinical practice beam rate changes have no significant effect on the reduction of clonogenic capacity of PNT1A cells in vitro. <i>Reports of Practical Oncology and Radiotherapy</i> , 2021, 26, 1051-1056.	0.3	0
18	The Composition of Surgical Wound Fluids from Breast Cancer Patients is Affected by Intraoperative Radiotherapy Treatment and Depends on the Molecular Subtype of Breast Cancer. <i>Cancers</i> , 2020, 12, 11.	1.7	27

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19	Interplay between inflammation and cancer. Reports of Practical Oncology and Radiotherapy, 2020, 25, 422-427.	0.3	97
20	The Potential Role of Selected miRNA in Uveal Melanoma Primary Tumors as Early Biomarkers of Disease Progression. Genes, 2020, 11, 271.	1.0	16
21	Sequential delayed [¹⁸ F]FDG PET/CT examinations in the pharynx. Scientific Reports, 2020, 10, 2910.	1.6	7
22	Radiobiological models in prediction of radiation cardiotoxicity. Reports of Practical Oncology and Radiotherapy, 2020, 25, 46-49.	0.3	4
23	Surgical Wound Fluids from Patients with Breast Cancer Reveal Similarities in the Biological Response Induced by Intraoperative Radiation Therapy and the Radiation-Induced Bystander Effect—Transcriptomic Approach. International Journal of Molecular Sciences, 2020, 21, 1159.	1.8	11
24	Overcoming Resistance to Platinum-Based Drugs in Ovarian Cancer by Salinomycin and Its Derivatives—An In Vitro Study. Molecules, 2020, 25, 537.	1.7	22
25	The kinetics of ¹³ H2AX during radiotherapy of head and neck cancer potentially allow for prediction of severe mucositis. Radiology and Oncology, 2020, 54, 96-102.	0.6	2
26	MicroRNA Profiling During Neural Differentiation of Induced Pluripotent Stem Cells. International Journal of Molecular Sciences, 2019, 20, 3651.	1.8	22
27	Profiling of tRNA Halves and YRNA Fragments in Serum and Tissue From Oral Squamous Cell Carcinoma Patients Identify Key Role of 5' tRNA-Val-CAC-2-1 Half. Frontiers in Oncology, 2019, 9, 959.	1.3	18
28	Liquid Biopsy in Oligometastatic Prostate Cancer—A Biologist's Point of View. Frontiers in Oncology, 2019, 9, 775.	1.3	21
29	MicroRNA regulation in colorectal cancer tissue and serum. PLoS ONE, 2019, 14, e0222013.	1.1	27
30	The Role of MicroRNAs in Early Chondrogenesis of Human Induced Pluripotent Stem Cells (hiPSCs). International Journal of Molecular Sciences, 2019, 20, 4371.	1.8	21
31	Wound fluids collected postoperatively from patients with breast cancer induce epithelial to mesenchymal transition but intraoperative radiotherapy impairs this effect by activating the radiation-induced bystander effect. Scientific Reports, 2019, 9, 7891.	1.6	16
32	Superparamagnetic iron oxide nanoparticles (SPIONs) as a multifunctional tool in various cancer therapies. Reports of Practical Oncology and Radiotherapy, 2019, 24, 307-314.	0.3	39
33	Chondrogenic Differentiation of Pluripotent Stem Cells under Controllable Serum-Free Conditions. International Journal of Molecular Sciences, 2019, 20, 2711.	1.8	23
34	Surgical wound fluids from patients treated with intraoperative radiotherapy induce radiobiological response in breast cancer cells. Medical Oncology, 2019, 36, 14.	1.2	16
35	hTERT gene knockdown enhances response to radio- and chemotherapy in head and neck cancer cell lines through a DNA damage pathway modification. Scientific Reports, 2018, 8, 5949.	1.6	11
36	Tissue and serum microRNA profile of oral squamous cell carcinoma patients. Scientific Reports, 2018, 8, 675.	1.6	74

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37	Characteristic miRNA expression signature and random forest survival analysis identify potential cancer-driving miRNAs in a broad range of head and neck squamous cell carcinoma subtypes. <i>Reports of Practical Oncology and Radiotherapy</i> , 2018, 23, 6-20.	0.3	48
38	Fucoidan Exerts Anticancer Effects Against Head and Neck Squamous Cell Carcinoma In Vitro. <i>Molecules</i> , 2018, 23, 3302.	1.7	19
39	Chondrocytes differentiated from human induced pluripotent stem cells: Response to ionizing radiation. <i>PLoS ONE</i> , 2018, 13, e0205691.	1.1	7
40	Effect of cellular mass on chondrogenic differentiation during embryoid body formation. <i>Molecular Medicine Reports</i> , 2018, 18, 2705-2714.	1.1	5
41	Chondrogenic differentiation in vitro of hiPSCs activates pathways engaged in limb development. <i>Stem Cell Research</i> , 2018, 30, 53-60.	0.3	7
42	Blood Serum From Head and Neck Squamous Cell Carcinoma Patients Induces Altered MicroRNA and Target Gene Expression Profile in Treated Cells. <i>Frontiers in Oncology</i> , 2018, 8, 217.	1.3	14
43	Expression of Pluripotency Genes in Chondrocyte-Like Cells Differentiated from Human Induced Pluripotent Stem Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 550.	1.8	5
44	hTERT promoter methylation status in peripheral blood leukocytes as a molecular marker of head and neck cancer progression. <i>Journal of Applied Genetics</i> , 2018, 59, 453-461.	1.0	7
45	Forced differentiation in vitro leads to stress-induced activation of DNA damage response in hiPSC-derived chondrocyte-like cells. <i>PLoS ONE</i> , 2018, 13, e0198079.	1.1	6
46	Wound fluids collected from patients after IORT treatment activates extrinsic apoptotic pathway in MCF7 breast cancer cell line. <i>Ginekologia Polska</i> , 2018, 89, 175-182.	0.3	8
47	Intraoperative Radiotherapy of Breast Cancer and Its Biological Effects. <i>Breast Care</i> , 2017, 12, 107-111.	0.8	15
48	A feeder- and xeno-free human induced pluripotent stem cell line obtained from primary human dermal fibroblasts with epigenetic repression of reprogramming factors expression: GPCCi001-A. <i>Stem Cell Research</i> , 2017, 20, 34-37.	0.3	10
49	Low dose out-of-field radiotherapy, part 3: Qualitative and quantitative impact of scattered out-of-field radiation on MDA-MB-231 cell lines. <i>Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , 2017, 21, 358-364.	0.6	6
50	Is immunohistochemical evaluation of p16 in oropharyngeal cancer enough to predict the HPV positivity?. <i>Reports of Practical Oncology and Radiotherapy</i> , 2017, 22, 237-242.	0.3	21
51	Gene expression profile in human induced pluripotent stem cells: Chondrogenic differentiation in vitro, part A. <i>Molecular Medicine Reports</i> , 2017, 15, 2387-2401.	1.1	13
52	Gene expression profile in human induced pluripotent stem cells: Chondrogenic differentiation in vitro, part B. <i>Molecular Medicine Reports</i> , 2017, 15, 2402-2414.	1.1	4
53	Clinical value of monoclonal antibodies and tyrosine kinase inhibitors in the treatment of head and neck squamous cell carcinoma. <i>Medical Oncology</i> , 2017, 34, 60.	1.2	18
54	Comparison of the early response of human embryonic stem cells and human induced pluripotent stem cells to ionizing radiation. <i>Molecular Medicine Reports</i> , 2017, 15, 1952-1962.	1.1	6

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55	Correlations between serum adipocytokine concentrations, disease stage, radiological status and total body fat content in the patients with primary knee osteoarthritis. <i>International Orthopaedics</i> , 2017, 41, 983-989.	0.9	17
56	Comparison of Four Protocols to Generate Chondrocyte-Like Cells from Human Induced Pluripotent Stem Cells (hiPSCs). <i>Stem Cell Reviews and Reports</i> , 2017, 13, 299-308.	5.6	37
57	Wound fluids affect miR-21, miR-155 and miR-221 expression in breast cancer cell lines, and this effect is partially abrogated by intraoperative radiation therapy treatment. <i>Oncology Letters</i> , 2017, 14, 4029-4036.	0.8	14
58	Association of DNA repair genes polymorphisms and mutations with increased risk of head and neck cancer: a review. <i>Medical Oncology</i> , 2017, 34, 197.	1.2	46
59	Carcinogenesis induced by low-dose radiation. <i>Radiology and Oncology</i> , 2017, 51, 369-377.	0.6	35
60	hTERT C250T promoter mutation and telomere length as a molecular markers of cancer progression in patients with head and neck cancer. <i>Molecular Medicine Reports</i> , 2017, 16, 441-446.	1.1	17
61	Modified methods for efficiently differentiating human embryonic stem cells into chondrocyte-like cells. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2017, 71, 0-0.	0.1	5
62	The maintenance of genetic stability of embryonic and induced pluripotent stem cells during anticancer therapies. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2017, 71, 0-0.	0.1	0
63	RNA interference in head and neck oncology. <i>Oncology Letters</i> , 2016, 12, 3035-3040.	0.8	4
64	The role of exosomes in tumor progression and metastasis (Review). <i>Oncology Reports</i> , 2016, 35, 1237-1244.	1.2	109
65	Genetic stability of pluripotent stem cells during anti-cancer therapies. <i>Experimental and Therapeutic Medicine</i> , 2016, 11, 695-702.	0.8	8
66	Effect of surgical wound fluids after intraoperative electron radiotherapy on the cancer stem cell phenotype in a panel of human breast cancer cell lines. <i>Oncology Letters</i> , 2016, 12, 3707-3714.	0.8	15
67	Unpredictable changes of selected miRNA in expression profile of HNSCC. <i>Cancer Biomarkers</i> , 2016, 16, 55-64.	0.8	32
68	The importance of stem cell engineering in head and neck oncology. <i>Biotechnology Letters</i> , 2016, 38, 1665-1672.	1.1	13
69	Application of cell and biomaterial-based tissue engineering methods in the treatment of cartilage, menisci and ligament injuries. <i>International Orthopaedics</i> , 2016, 40, 615-624.	0.9	21
70	Bioimaging: An Useful Tool to Monitor Differentiation of Human Embryonic Stem Cells into Chondrocytes. <i>Annals of Biomedical Engineering</i> , 2016, 44, 1845-1859.	1.3	13
71	Promieniowanie jonizujÄ...ce jako czynnik wspomagajÄ...cy rÄ³Ä¼nicowanie komÄ³rek macierzystych. <i>Zeszyty Naukowe WCO Letters in Oncology Science</i> , 2015, 12, 54-61.	0.2	1
72	Circulating small non coding RNA signature in head and neck squamous cell carcinoma. <i>Oncotarget</i> , 2015, 6, 19246-19263.	0.8	89

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73	The concept of radiation-enhanced stem cell differentiation. <i>Radiology and Oncology</i> , 2015, 49, 209-216.	0.6	6
74	The role of growth factors in stem cell-directed chondrogenesis: a real hope for damaged cartilage regeneration. <i>International Orthopaedics</i> , 2015, 39, 995-1003.	0.9	73
75	Universal Real-Time PCR-Based Assay for Lentiviral Titration. <i>Molecular Biotechnology</i> , 2015, 57, 195-200.	1.3	57
76	Gene expression analysis of head and neck squamous cell carcinoma survival and recurrence. <i>Oncotarget</i> , 2015, 6, 547-555.	0.8	26
77	Expression levels of insulin-like growth factors 1 and 2 in head and neck squamous cell carcinoma. <i>Growth Hormone and IGF Research</i> , 2014, 24, 137-141.	0.5	23
78	Directed differentiation of induced pluripotent stem cells into chondrogenic lineages for articular cartilage treatment. <i>Journal of Tissue Engineering</i> , 2014, 5, 204173141455270.	2.3	18
79	Hypoxia-inducible factor as a transcriptional factor regulating gene expression in cancer cells. <i>Wspolczesna Onkologia</i> , 2011, 4, 234-239.	0.7	7
80	Hyper-interleukin-11 novel designer molecular adjuvant targeting gp130 for whole cell cancer vaccines. <i>Expert Opinion on Biological Therapy</i> , 2011, 11, 1555-1567.	1.4	5
81	Captopril, an Angiotensin-Converting Enzyme Inhibitor, Promotes Growth of Immunogenic Tumors in Mice. <i>Clinical Cancer Research</i> , 2006, 12, 4095-4102.	3.2	29