Jan Poleszczuk

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1800965/publications.pdf

Version: 2024-02-01

57	1,187	361296	454834
papers	citations	20 h-index	30 g-index

59	59	59	1691
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dialysis therapies: Investigation of transport and regulatory processes using mathematical modelling. Biocybernetics and Biomedical Engineering, 2022, 42, 60-78.	3.3	2
2	Classical mathematical models for prediction of response to chemotherapy and immunotherapy. PLoS Computational Biology, 2022, 18, e1009822.	1.5	36
3	Stereotactic radiotherapy for soft tissue and bone sarcomas: real-world evidence. Therapeutic Advances in Medical Oncology, 2022, 14, 175883592110706.	1.4	6
4	Cellular plasticity upon proton irradiation determines tumor cell radiosensitivity. Cell Reports, 2022, 38, 110422.	2.9	10
5	Immune-Related Thyroid Adverse Events Predict Response to PD-1 Blockade in Patients with Melanoma. Cancers, 2022, 14, 1248.	1.7	3
6	Deep-learning and MR images to target hypoxic habitats with evofosfamide in preclinical models of sarcoma. Theranostics, 2021, 11, 5313-5329.	4.6	11
7	Radiotherapy in the Management of Pediatric and Adult Osteosarcomas: A Multi-Institutional Cohort Analysis. Cells, 2021, 10, 366.	1.8	7
8	Changes in Subendocardial Viability Ratio in Traumatic Brain Injury Patients. Brain Connectivity, 2021, 11, 349-358.	0.8	2
9	Combined Preoperative Hypofractionated Radiotherapy With Doxorubicin-Ifosfamide Chemotherapy in Marginally Resectable Soft Tissue Sarcomas: Results of a Phase 2 Clinical Trial. International Journal of Radiation Oncology Biology Physics, 2021, 110, 1053-1063.	0.4	14
10	Evaluating key characteristics of ideal colorectal cancer screening modalities: the microsimulation approach. Gastrointestinal Endoscopy, 2021, 94, 379-390.e7.	0.5	12
11	Association between Biomarkers of Mineral and Bone Metabolism and Removal of Calcium and Phosphate in Hemodialysis. Blood Purification, 2020, 49, 71-78.	0.9	8
12	PD1 distribution pattern, regardless of the cell origin, is an independent microenvironmental prognostic factor for progression-free survival in follicular lymphoma. Pathology Research and Practice, 2020, 216, 153096.	1.0	2
13	Population-based epidemiological data of follicular lymphoma in Poland: 15Âyears of observation. Scientific Reports, 2020, 10, 14610.	1.6	7
14	EZH2 Expression in Follicular Lymphoma Is Variable and Independent from the Progression of Disease Within 24 Months of First Treatment. Anticancer Research, 2020, 40, 6685-6697.	0.5	1
15	Significance of CD10 protein expression in the diagnostics of follicular lymphoma: A comparison of conventional immunohistochemistry with flow cytometry supported by the establishment of BCL2 and BCL6 rearrangements. International Journal of Laboratory Hematology, 2020, 42, 453-463.	0.7	3
16	Resistance to targeted therapies as a multifactorial, gradual adaptation to inhibitor specific selective pressures. Nature Communications, 2020, 11, 2393.	5.8	60
17	Prognostic and predictive factors for the outcomes of clear cell sarcoma (CCS) multidisciplinary treatment: The role of lymph node involvement.. Journal of Clinical Oncology, 2020, 38, e23554-e23554.	0.8	0
18	The treatment results in patients with Ewing Sarcoma: The Polish Sarcoma Group Experience.. Journal of Clinical Oncology, 2020, 38, e23503-e23503.	0.8	0

#	Article	IF	Citations
19	Cancer as a Killer Tsunami. , 2020, , 62-63.		0
20	Tumor Composition Depends on the Viewing Angle. , 2020, , 130-131.		0
21	Fluid Tonicity Affects Peritoneal Characteristics Derived by 3-PORE Model. Peritoneal Dialysis International, 2019, 39, 243-251.	1.1	9
22	Multiparametric MRI and Coregistered Histology Identify Tumor Habitats in Breast Cancer Mouse Models. Cancer Research, 2019, 79, 3952-3964.	0.4	46
23	Immunologic Consequences of Sequencing Cancer Radiotherapy and Surgery. JCO Clinical Cancer Informatics, 2019, 3, 1-16.	1.0	16
24	Alterations of peritoneal transport characteristics in dialysis patients with ultrafiltration failure: tissue and capillary components. Nephrology Dialysis Transplantation, 2019, 34, 864-870.	0.4	27
25	Predicting Patient-Specific Radiotherapy Protocols Based on Mathematical Model Choice for Proliferation Saturation Index. Bulletin of Mathematical Biology, 2018, 80, 1195-1206.	0.9	28
26	Toward early detection of Helicobacter pylori-associated gastric cancer. Gastric Cancer, 2018, 21, 196-203.	2.7	8
27	GammaKnife versus <scp>VMAT</scp> radiosurgery plan quality for many brain metastases. Journal of Applied Clinical Medical Physics, 2018, 19, 159-165.	0.8	21
28	Impact of hemodialysis on cardiovascular system assessed by pulse wave analysis. PLoS ONE, 2018, 13, e0206446.	1.1	6
29	The Optimal Radiation Dose to Induce Robust Systemic Anti-Tumor Immunity. International Journal of Molecular Sciences, 2018, 19, 3377.	1.8	45
30	Patient-specific pulse wave propagation model identifies cardiovascular risk characteristics in hemodialysis patients. PLoS Computational Biology, 2018, 14, e1006417.	1.5	10
31	High-Throughput Screening of Combinatorial Immunotherapies with Patient-Specific In Silico Models of Metastatic Colorectal Cancer. Cancer Research, 2018, 78, 5155-5163.	0.4	35
32	Immune interconnectivity of anatomically distant tumors as a potential mediator of systemic responses to local therapy. Scientific Reports, 2018, 8, 9474.	1.6	34
33	SPECT/CT imageâ€based dosimetry for Yttriumâ€90 radionuclide therapy: Application to treatment response. Journal of Applied Clinical Medical Physics, 2018, 19, 435-443.	0.8	9
34	Subject-specific pulse wave propagation modeling: Towards enhancement of cardiovascular assessment methods. PLoS ONE, 2018, 13, e0190972.	1.1	23
35	In Silico Modeling of Immunotherapy and Stroma-Targeting Therapies in Human Colorectal Cancer. Cancer Research, 2017, 77, 6442-6452.	0.4	90
36	Neoadjuvant radiotherapy of early-stage breast cancer and long-term disease-free survival. Breast Cancer Research, 2017, 19, 75.	2.2	65

#	Article	IF	Citations
37	Changes of Peritoneal Transport Parameters with Time on Dialysis: Assessment with Sequential Peritoneal Equilibration Test. International Journal of Artificial Organs, 2017, 40, 595-601.	0.7	8
38	Cancer Stem Cell Plasticity as Tumor Growth Promoter and Catalyst of Population Collapse. Stem Cells International, 2016, 2016, 1-12.	1.2	27
39	Peritoneal Fluid Transport rather than Peritoneal Solute Transport Associates with Dialysis Vintage and Age of Peritoneal Dialysis Patients. Computational and Mathematical Methods in Medicine, 2016, 2016, 1-10.	0.7	7
40	Agent-Based Modeling of Cancer Stem Cell Driven Solid Tumor Growth. Methods in Molecular Biology, 2016, 1516, 335-346.	0.4	38
41	Phosphate Kinetics in Hemodialysis: Application of Delayed Pseudo One-Compartment Model. Blood Purification, 2016, 42, 177-185.	0.9	14
42	A proliferation saturation index to predict radiation response and personalize radiotherapy fractionation. Radiation Oncology, 2015, 10, 159.	1.2	93
43	Phosphate Kinetics During Weekly Cycle of Hemodialysis Sessions: Application of Mathematical Modeling. Artificial Organs, 2015, 39, 1005-1014.	1.0	21
44	Therapeutic Implications from Sensitivity Analysis of Tumor Angiogenesis Models. PLoS ONE, 2015, 10, e0120007.	1.1	26
45	Connecting Radiation-Induced Bystander Effects and Senescence to Improve Radiation Response Prediction. Radiation Research, 2015, 183, 571-577.	0.7	12
46	The different radiation response and radiation-induced bystander effects in colorectal carcinoma cells differing in p53 status. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2015, 778, 61-70.	0.4	28
47	Evolution and Phenotypic Selection of Cancer Stem Cells. PLoS Computational Biology, 2015, 11, e1004025.	1.5	69
48	Logistic Tumor Growth with Delay and Impulsive Treatment. Mathematical Population Studies, 2014, 21, 146-158.	0.8	4
49	Biphasic modulation of cancer stem cellâ€driven solid tumour dynamics in response to reactivated replicative senescence. Cell Proliferation, 2014, 47, 267-276.	2.4	12
50	Can the Three Pore Model Correctly Describe Peritoneal Transport of Protein?. ASAIO Journal, 2014, 60, 576-581.	0.9	10
51	Stochastic Stability in Three-Player Games with Time Delays. Dynamic Games and Applications, 2014, 4, 489-498.	1.1	10
52	A High-Performance Cellular Automaton Model of Tumor Growth with Dynamically Growing Domains. Applied Mathematics, 2014, 05, 144-152.	0.1	47
53	Mathematical modelling of immune reaction against gliomas: Sensitivity analysis and influence of delays. Nonlinear Analysis: Real World Applications, 2013, 14, 1601-1620.	0.9	22
54	Stochastic Models of Gene Expression with Delayed Degradation. Bulletin of Mathematical Biology, 2011, 73, 2231-2247.	0.9	39

#	Article	IF	Citations
55	Negativity of delayed induced oscillations in a simple linear DDE. Applied Mathematics Letters, 2011, 24, 982-986.	1.5	7
56	New approach to modeling of antiangiogenic treatment on the basis of Hahnfeldt et al. model. Mathematical Biosciences and Engineering, 2011, 8, 591-603.	1.0	19
57	A delay-differential equation model of HIV related cancer--immune system dynamics. Mathematical Biosciences and Engineering, 2011, 8, 627-641.	1.0	11