Anton A Barchuk

List of Publications by Year
in descending order

34	432	933447 10	794594 19
papers	citations	h-index	g-index

42	42	42	623
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Productivity losses due to premature mortality from cancer in Brazil, Russia, India, China, and South Africa (BRICS): A population-based comparison. Cancer Epidemiology, 2018, 53, 27-34.	1.9	75
2	Evaluation of Machine Learning Algorithm Utilization for Lung Cancer Classification Based on Gene Expression Levels. Asian Pacific Journal of Cancer Prevention, 2016, 17, 835-838.	1.2	66
3	Online breath analysis using metal oxide semiconductor sensors (electronic nose) for diagnosis of lung cancer. Journal of Breath Research, 2020, 14, 016004.	3.0	55
4	Breast and cervical cancer incidence and mortality trends in Russia 1980â€“2013. Cancer Epidemiology, 2018, 55, 73-80.	1.9	32
5	Comparison of breast cancer and cervical cancer stage distributions in ten newly independent states of the former Soviet Union: a population-based study. Lancet Oncology, The, 2021, 22, 361-369.	10.7	24
6	Seroprevalence of SARS-CoV-2 antibodies in Saint Petersburg, Russia: a population-based study. Scientific Reports, 2021, 11, 12930.	3.3	18
7	Evaluation of the performance of SARSâ€ÂCoVÂâ€2 antibody assays for a longitudinal populationÂbased study of COVIDâ€Â19 spread in St. Petersburg, Russia. Journal of Medical Virology, 2021, 93, 5846-5852.	5.0	18
8	Analysis of exhaled air for early-stage diagnosis of lung cancer: opportunities and challenges. Russian Chemical Reviews, 2018, 87, 904-921.	6.5	17
9	Prostate cancer incidence and mortality in the Baltic states, Belarus, the Russian Federation and Ukraine. BMJ Open, 2019, 9, e031856.	1.9	14
10	MRI Image Processing Based on Fractal Analysis. Asian Pacific Journal of Cancer Prevention, 2017, 18, 51-55.	1.2	12
11	Productivity losses associated with premature mortality due to cancer in Russia: A population-wide study covering 2001â€“2030. Scandinavian Journal of Public Health, 2019, 47, 482-491.	2.3	11
12	Lung cancer morbidity and mortality. Siberian Journal of Oncology, 2019, 17, 15-26.	0.3	9
13	A pragmatic approach to tackle the rising burden of breast cancer through prevention & early detection in countries 'in transition'. Indian Journal of Medical Research, 2020, 152, 343.	1.0	9
14	COVID-19 pandemic in Saint Petersburg, Russia: Combining population-based serological study and surveillance data. PLoS ONE, 2022, 17, e0266945.	2.5	6
15	Comparability and validity of cancer registry data in the northwest of Russia. Acta OncolÃ³gica, 2021, 60, 1264-1271.	1.8	5
16	PANEL STUDY OF THE EFFECTIVENESS OF LOW-DOSE COMPUTED TOMOGRAPHY AND TRANSTHORACIC CORE BIOPSY IN EARLY DIAGNOSTICS OF LUNG CANCER. Vestnik Khirurgii Imeni I I Grekova, 2018, 177, 60-64.	0.2	5
17	Cancer screening simulation models: a state of the art review. BMC Medical Informatics and Decision Making, 2021, 21, 359.	3.0	5
18	Stomach Cancer Incidence and Mortality Trends among Circumpolar Nations. Cancer Epidemiology Biomarkers and Prevention, 2021, 30, 845-856.	2.5	4

#	Article	IF	Citations
19	History and current status of cancer registration in Russia. Cancer Epidemiology, 2021, 73, 101963.	1.9	3
20	NY-ESO-1 antigen expression as a prognostic factor for soft tissue sarcomas.. Journal of Clinical Oncology, 2017, 35, 11075-11075.	1.6	3
21	LUNG CANCER DIAGNOSIS: NON-INVASIVE AND INVASIVE METHODS. Voprosy Onkologii, 2020, 66, 42-49.	0.2	3
22	COMBINED DIAGNOSTICS OF LUNG CANCER USING EXHALED BREATH ANALSYSIS AND SPUTUM CYTOLOGY. Voprosy Onkologii, 2020, 66, 381-384.	0.2	2
23	Alternative Ways to Study Global Variation in Cancer-Related Research Activity. Annals of Surgical Oncology, 2018, 25, 3774-3775.	1.5	1
24	ÐŸÐµÑ€ÑÐ¿ÐµÐºÑ‚Ð¸Ð²Ñ‹ Ð¿Ð¾Ð¿ÑƒÐ»ÑÑ†Ð¸Ð¾Ð½Ð½Ð¾Ð³Ð¾ ÑÐºÑ€Ð¸Ð½Ð¸Ð½Ð³Ð° Ñ€Ð°ÐºÐ° Ð¿Ñ€ÐµÐ´ÑÑ‚Ð°Ñ‚ÐµÐ»ÑŒÐ½Ð¾ÑÑ‚Ð¸	0.3	1
25	Management of Patients with Solid Pulmonary Nodules Detected in Lung cancer Screening. Novosti Khirurgii, 2019, 27, 553-562.	0.2	1
26	Lymphoma and Leukemia Burden in Russia 2014: Comparison with Nordic Countries and Possible Cancer Registration Quality Issues. Clinical Lymphoma, Myeloma and Leukemia, 2017, 17, S322.	0.4	0
27	P3.16-043 Resection and Reconstruction of Tracheal Carina in Lung Cancer Surgery. Journal of Thoracic Oncology, 2017, 12, S2359.	1.1	0
28	The Synergy of Gamification and Mathematical Modelling in eHealthcare. , 2015, , .		0
29	AUTOMATED DIAGNOSIS IN A POPULATION-BASED SCREENING FOR LUNG CANCER. Voprosy Onkologii, 2017, 63, 215-220.	0.2	0
30	THE USE OF ONTOLOGY IN SCREENING FOR CANCER. Voprosy Onkologii, 2017, 63, 208-214.	0.2	0
31	SINGLE-PORT VIDEO-ASSISTED THORACOSCOPIC LOBECTOMIES IN SURGICAL TREATMENT FOR LUNG CANCER. Voprosy Onkologii, 2017, 63, 421-427.	0.2	0
32	PREVENTION OF VIRUS-ASSOCIATED CANCERS. Practical Oncology, 2018, 19, 324-333.	0.1	0
33	EFFICIENCY OF ADJUVANT XELOX CHEMOTHERAPY FOR PATIENTS WITH RESECTABLE GASTRIC IN RUSSIA (SINGLE INSTITUTION RETROSPECTIVE STUDY). Voprosy Onkologii, 2019, 65, 256-262.	0.2	0
34	OP522 Years Of Potential Productive Life Lost Due To Cancer Premature Mortality In Brazil: 2000 to 2016. International Journal of Technology Assessment in Health Care, 2020, 36, 13-13.	0.5	0