

# BoÅ¼ena Å¼ Birkenfeld

## List of Publications by Year in descending order

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44  
papers

824  
citations

840585

11  
h-index

477173

29  
g-index

48  
all docs

48  
docs citations

48  
times ranked

916  
citing authors

#	ARTICLE	IF	CITATIONS
1	A controlled, double-blind, randomized study on the efficacy of Lactobacillus plantarum 299V in patients with irritable bowel syndrome. European Journal of Gastroenterology and Hepatology, 2001, 13, 1143-1147.	0.8	464
2	Patient-Specific Radiation Dosimetry of <sup>99m</sup> Tc-HYNIC-Tyr <sup>3</sup> -Octreotide in Neuroendocrine Tumors. Journal of Nuclear Medicine, 2011, 52, 1474-1481.	2.8	37
3	Recurrent mutations of BRCA1 and BRCA2 in Poland: an update. Clinical Genetics, 2015, 87, 288-292.	1.0	35
4	A prospective study comparing SPET with MRI and CT as prognostic indicators following severe closed head injury. Nuclear Medicine Communications, 1994, 15, 961-968.	0.5	33
5	Quantitative evaluation of three-phase bone scintigraphy before and after the treatment of post-traumatic reflex sympathetic dystrophy. Nuclear Medicine Communications, 1999, 20, 327-334.	0.5	33
6	Quantitative SPECT/CT reconstruction for <sup>177</sup> Lu and <sup>177</sup> Lu/ <sup>90</sup> Y targeted radionuclide therapies. Physics in Medicine and Biology, 2012, 57, 5733-5747.	1.6	28
7	Myocardial viability and impact of surgical ventricular reconstruction on outcomes of patients with severe left ventricular dysfunction undergoing coronary artery bypass surgery: Results of the Surgical Treatment for Ischemic Heart Failure trial. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 2677-2684.e1.	0.4	24
8	The accuracy and reproducibility of SPECT target volumes and activities estimated using an iterative adaptive thresholding technique. Nuclear Medicine Communications, 2012, 33, 1254-1266.	0.5	23
9	Predictors of survival for breast cancer patients with a BRCA1 mutation. Breast Cancer Research and Treatment, 2018, 168, 513-521.	1.1	20
10	The Epidemiology and Clinical Presentations of Atopic Diseases in Selective IgA Deficiency. Journal of Clinical Medicine, 2021, 10, 3809.	1.0	16
11	Long-term monitoring of radiation exposure of employees in the department of nuclear medicine (Szczecin, Poland) in the years 1991-2007. Radiation Protection Dosimetry, 2010, 140, 304-307.	0.4	11
12	Evaluation of dead-time corrections for post-radionuclide-therapy <sup>177</sup> Lu quantitative imaging with low-energy high-resolution collimators. Nuclear Medicine Communications, 2014, 35, 73-87.	0.5	11
13	Semi-quantitative method for the assessment of focal lesions in parathyroid scintigraphy with relation to histopathology: a prospective study. Nuclear Medicine Review, 2017, 20, 18-24.	0.3	11
14	Radiation doses of employees of a Nuclear Medicine Department after implementation of more rigorous radiation protection methods. Radiation Protection Dosimetry, 2013, 157, 142-145.	0.4	9
15	Calcium-phosphate metabolism parameters and erythrocyte Ca <sup>2+</sup> concentration in autosomal dominant polycystic kidney disease patients with normal renal function. Archives of Medical Science, 2013, 5, 837-842.	0.4	9
16	Clinical outcomes of patients with suspected pulmonary embolism using <sup>99m</sup> Tc-Technegas as a ventilatory agent for lung scanning. Nuclear Medicine Communications, 1992, 13, 467-777.	0.5	7
17	Individualization of Radionuclide Therapies: Challenges and Prospects. Cancers, 2022, 14, 3418.	1.7	7
18	SHOULD PERSONNEL OF NUCLEAR MEDICINE DEPARTMENTS USE PERSONAL DOSIMETERS FOR EYE LENS DOSE MONITORING?. Radiation Protection Dosimetry, 2019, 183, 393-396.	0.4	6

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19	Optimization of Low-Dose CT Protocol in Pediatric Nuclear Medicine Imaging. <i>Journal of Nuclear Medicine Technology</i> , 2010, 38, 181-185.	0.4	4
20	The penetration of topically applied ointment containing hyaluronic acid in rabbit tissues. <i>Polish Journal of Veterinary Sciences</i> , 2011, 14, 621-7.	0.2	4
21	Personalized Image-Based Radiation Dosimetry for Routine Clinical Use in Peptide Receptor Radionuclide Therapy: Pretherapy Experience. <i>Recent Results in Cancer Research</i> , 2013, 194, 497-517.	1.8	3
22	The practical considerations of dose constraints in diagnostic medical departments using ionizing radiation. <i>Radioprotection</i> , 2014, 49, 23-25.	0.5	3
23	Nuclear medicine training and practice in Poland. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2014, 41, 1995-1999.	3.3	3
24	Patient-specific dosimetry of <sup>99m</sup> Tc-HYNIC-Tyr3-Octreotide in children. <i>EJNMMI Physics</i> , 2017, 4, 24.	1.3	3
25	Estimation of Parameters of Parathyroid Glands Using Particle Swarm Optimization and Multivariate Generalized Gaussian Function Mixture. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4511.	1.3	3
26	Clinical Efficacy of â€Essentialâ€ Phospholipids in Patients Chronically Exposed to Organic Solvents. <i>Journal of International Medical Research</i> , 1993, 21, 185-191.	0.4	2
27	Computer-generated attenuation correction does not improve the accuracy of myocardial perfusion scintigraphy. <i>Nuclear Medicine Communications</i> , 1997, 18, 358-362.	0.5	2
28	Lung perfusion SPECT/CT images associated with COVID-19 â€ a case series. <i>Nuclear Medicine Review</i> , 2021, 24, 35-36.	0.3	2
29	Physical quantities useful for quality control of quantitative SPECT/CT imaging. <i>Nuclear Medicine Review</i> , 2021, 24, 93-98.	0.3	2
30	PET â€ advanced nuclear imaging technology for medicine. <i>Pomeranian Journal of Life Sciences</i> , 2019, 65, 45-53.	0.1	2
31	Optimized method for normal range estimation of standardized uptake values (SUVmax, SUVmean) in liver SPECT/CT images with somatostatin analog [ <sup>99m</sup> Tc]-HYNIC-TOC (Tektrotyd). <i>Nuclear Medicine Review</i> , 2022, 25, 37-46.	0.3	2
32	What validation tests can be done by the clinical medical physicist while waiting for the standardization of quantitative SPECT/CT imaging?. <i>EJNMMI Physics</i> , 2022, 9, 8.	1.3	2
33	Prognostic value of myocardial perfusion scintigraphy for patients suspected of and diagnosed with coronary artery disease. <i>Nuclear Medicine Review</i> , 2012, 15, 14-21.	0.3	1
34	The diagnostic value of dual-phase SPECT/CT scintigraphy based on transport kinetics of <sup>99m</sup> Tc-sestamibi confirmed with histopathological findings in patients with secondary hyperparathyroidism â€ practical consideration. <i>Nuclear Medicine Review</i> , 2020, 23, 71-77.	0.3	1
35	Prognostic value of myocardial perfusion scintigraphy for patients suspected of and diagnosed with coronary artery disease. <i>Nuclear Medicine Review</i> , 2012, 15, 14-21.	0.3	1
36	Spect Technic in Evaluation of Pathogenesis of Fatigue in Patients with Primary Biliary Cirrhosis â€ A Pilot Study. <i>Journal of Hepatology</i> , 2016, 64, S440-S441.	1.8	0

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37	Thyroid Peroxidase Antibodies in Non-Autoimmune Hyperthyroidism Treated with Radioactive Iodine. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2016, 124, 572-576.	0.6	0
38	Brain Death Imaging. , 2016, , 865-895.		0
39	The Use of Tuned Shape Window for the Improvement of Scars Imaging in Static Renal Scintigraphy in Children. <i>Lecture Notes in Computer Science</i> , 2017, , 415-423.	1.0	0
40	Multivariate generalized Gaussian function mixture for volume modeling of parathyroid glands. , 2017, , .		0
41	Influence of high tissue-absorbed dose on anti-thyroid antibodies in radioiodine therapy of Gravesâ€™ disease patients. <i>Advances in Clinical and Experimental Medicine</i> , 2021, 30, 913-921.	0.6	0
42	Sci-Thurs AM: YIS-05: Accuracy of Patient-Specific Dosimetry for Clinical Use in Targeted Radionuclide Therapy. <i>Medical Physics</i> , 2009, 36, 4315-4316.	1.6	0
43	SU-E-J-128: The Accuracy of Source Region Volume and Activity Estimates from SPECT/CT Imaging for Use in Internal Dose Calculations. <i>Medical Physics</i> , 2011, 38, 3472-3472.	1.6	0
44	Hybrid Imaging in conventional nuclear medicine. , 2020, , .		0