

Michael K O'connor

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

2,405
citations

361045

20
h-index

276539

41
g-index

42
all docs

42
docs citations

42
times ranked

2474
citing authors

#	ARTICLE	IF	CITATIONS
1	Bone Density and Fracture Risk in Men. <i>Journal of Bone and Mineral Research</i> , 1998, 13, 1915-1923.	3.1	542
2	Epidemiology of Sarcopenia. <i>Journal of the American Geriatrics Society</i> , 2000, 48, 625-630.	1.3	413
3	Remission of Disseminated Cancer After Systemic Oncolytic Virotherapy. <i>Mayo Clinic Proceedings</i> , 2014, 89, 926-933.	1.4	240
4	JOURNAL CLUB: Molecular Breast Imaging at Reduced Radiation Dose for Supplemental Screening in Mammographically Dense Breasts. <i>American Journal of Roentgenology</i> , 2015, 204, 241-251.	1.0	136
5	Single-Photon Emission Computed Tomography/Computed Tomography: Basic Instrumentation and Innovations. <i>Seminars in Nuclear Medicine</i> , 2006, 36, 258-266.	2.5	133
6	Determinants of Bone Loss from the Femoral Neck in Women of Different Ages. <i>Journal of Bone and Mineral Research</i> , 2000, 15, 24-31.	3.1	101
7	Molecular breast imaging. <i>Expert Review of Anticancer Therapy</i> , 2009, 9, 1073-1080.	1.1	74
8	Proof of concept for low-dose molecular breast imaging with a dual-head CZT gamma camera. Part II. Evaluation in patients. <i>Medical Physics</i> , 2012, 39, 3476-3483.	1.6	67
9	Nuclear imaging of the breast: Translating achievements in instrumentation into clinical use. <i>Medical Physics</i> , 2013, 40, 050901.	1.6	63
10	Design of optimal collimation for dedicated molecular breast imaging systems. <i>Medical Physics</i> , 2009, 36, 845-856.	1.6	59
11	Molecular Breast Imaging: Advantages and Limitations of a Scintimammographic Technique in Patients with Small Breast Tumors. <i>Breast Journal</i> , 2007, 13, 3-11.	0.4	58
12	Curative ex vivo liver-directed gene therapy in a pig model of hereditary tyrosinemia type 1. <i>Science Translational Medicine</i> , 2016, 8, 349ra99.	5.8	56
13	Comparison of radiation exposure and associated radiation-induced cancer risks from mammography	1.6	54
14	Proof of concept for low-dose molecular breast imaging with a dual-head CZT gamma camera. Part I. Evaluation in phantoms. <i>Medical Physics</i> , 2012, 39, 3466-3475.	1.6	54
15	Quantification of lesion size, depth, and uptake using a dual-head molecular breast imaging system. <i>Medical Physics</i> , 2008, 35, 1365-1376.	1.6	37
16	Adsorption of ^{99m} Tc-Sestamibi onto Plastic Syringes: Evaluation of Factors Affecting the Degree of Adsorption and Their Impact on Clinical Studies. <i>Journal of Nuclear Medicine Technology</i> , 2013, 41, 247-252.	0.4	33
17	Molecular breast imaging: an emerging modality for breast cancer screening. <i>Breast Cancer Management</i> , 2015, 4, 33-40.	0.2	25
18	Factors Influencing the Uptake of ^{99m} Tc-Sestamibi in Breast Tissue on Molecular Breast Imaging. <i>Journal of Nuclear Medicine Technology</i> , 2015, 43, 13-20.	0.4	23

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19	Risk of low-dose radiation and the BEIR VII report: A critical review of what it does and doesn't say. <i>Physica Medica</i> , 2017, 43, 153-158.	0.4	23
20	Dose Reduction in Molecular Breast Imaging With a New Image-Processing Algorithm. <i>American Journal of Roentgenology</i> , 2020, 214, 185-193.	1.0	23
21	A Monte Carlo Model for Energy Spectra Analysis in Dedicated Nuclear Breast Imaging. <i>IEEE Transactions on Nuclear Science</i> , 2008, 55, 491-500.	1.2	21
22	Curies, and Grays, and Sieverts, Oh My: A Guide for Discussing Radiation Dose and Risk of Molecular Breast Imaging. <i>Journal of the American College of Radiology</i> , 2015, 12, 1103-1105.	0.9	18
23	Performance characteristics of dedicated molecular breast imaging systems at low doses. <i>Medical Physics</i> , 2016, 43, 3062-3070.	1.6	17
24	Improved visualization of breast tissue on a dedicated breast PET system through ergonomic redesign of the imaging table. <i>EJNMMI Research</i> , 2017, 7, 100.	1.1	16
25	Analysis of Brain SPECT Images Coregistered with MRI in Patients with Epilepsy: Comparison of Three Methods. <i>Journal of Neuroimaging</i> , 2018, 28, 307-312.	1.0	16
26	Comparison of ^{99m} Tc-Sestamibi Molecular Breast Imaging and Breast MRI in Patients With Invasive Breast Cancer Receiving Neoadjuvant Chemotherapy. <i>American Journal of Roentgenology</i> , 2019, 213, 932-943.	1.0	15
27	Effect of Menstrual Cycle Phase on Background Parenchymal Uptake at Molecular Breast Imaging. <i>Academic Radiology</i> , 2015, 22, 1147-1156.	1.3	14
28	Comparison of Tc-99m maraciclalide and Tc-99m sestamibi molecular breast imaging in patients with suspected breast cancer. <i>EJNMMI Research</i> , 2017, 7, 5.	1.1	13
29	Molecular Breast Imaging in Clinical Practice. <i>American Journal of Roentgenology</i> , 2020, 215, 277-284.	1.0	12
30	Background Parenchymal Uptake on Molecular Breast Imaging and Breast Cancer Risk: A Cohort Study. <i>American Journal of Roentgenology</i> , 2021, 216, 1193-1204.	1.0	11
31	Effect of tomographic orbit and type of rotation on apparent myocardial activity. <i>Nuclear Medicine Communications</i> , 2005, 26, 25-30.	0.5	8
32	Half-time Tc-99m sestamibi imaging with a direct conversion molecular breast imaging system. <i>EJNMMI Research</i> , 2014, 4, 5.	1.1	8
33	The evaluation and calibration of fan-beam collimators. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1999, 26, 314-319.	3.3	4
34	Molecular breast imaging will soon replace x-ray mammography as the imaging modality of choice for women at high risk with dense breasts. <i>Medical Physics</i> , 2009, 36, 1463-1466.	1.6	4
35	Assessment of pulmonary thromboendarterectomy by tomographic electrocardiogram-gated equilibrium radionuclide angiocardiology compared with electron beam computed tomography. <i>Journal of Nuclear Cardiology</i> , 2007, 14, 92-99.	1.4	3
36	Patient Acceptance of Half-dose Vs. Half-time Molecular Breast Imaging. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2018, 49, 39-43.	0.2	3

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37	Use of profile analysis for the measurement of organ dimensions. European Journal of Nuclear Medicine and Molecular Imaging, 1988, 14, 562-4.	2.2	2
38	Technical Note: Development of a combined molecular breast imaging/ultrasound system for diagnostic evaluation of MBI-detected lesions. Medical Physics, 2017, 44, 451-459.	1.6	2
39	Molecular Breast Imaging in Patients with Suspicious Calcifications. Journal of Breast Imaging, 2019, 1, 303-309.	0.5	2
40	The eventual rejection of the linear no-threshold theory will lead to a drastic reduction in the demand for diagnostic medical physics services. Medical Physics, 2019, 46, 3325-3328.	1.6	1
41	Detection of multicentric breast cancer using dedicated breast PET. Breast Journal, 2019, 25, 512-514.	0.4	1
42	Comment on "Radiation Doses and Risks in Breast Screening". Journal of Breast Imaging, 2020, 2, 519-520.	0.5	0