

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
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42
all docs

42
docs citations

42
times ranked

2474
citing authors

#	ARTICLE	IF	CITATIONS
1	Background Parenchymal Uptake on Molecular Breast Imaging and Breast Cancer Risk: A Cohort Study. American Journal of Roentgenology, 2021, 216, 1193-1204.	1.0	11
2	Dose Reduction in Molecular Breast Imaging With a New Image-Processing Algorithm. American Journal of Roentgenology, 2020, 214, 185-193.	1.0	23
3	Comment on "Radiation Doses and Risks in Breast Screening". Journal of Breast Imaging, 2020, 2, 519-520.	0.5	0
4	Molecular Breast Imaging in Clinical Practice. American Journal of Roentgenology, 2020, 215, 277-284.	1.0	12
5	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
6	Comparison of ^{99m} Tc-Sestamibi Molecular Breast Imaging and Breast MRI in Patients With Invasive Breast Cancer Receiving Neoadjuvant Chemotherapy. American Journal of Roentgenology, 2019, 213, 932-943.	1.0	15
7	Detection of multicentric breast cancer using dedicated breast PET. Breast Journal, 2019, 25, 512-514.	0.4	1
8	Molecular Breast Imaging in Patients with Suspicious Calcifications. Journal of Breast Imaging, 2019, 1, 303-309.	0.5	2
9	Analysis of Brain SPECT Images Coregistered with MRI in Patients with Epilepsy: Comparison of Three Methods. Journal of Neuroimaging, 2018, 28, 307-312.	1.0	16
10	Patient Acceptance of Half-dose Vs. Half-time Molecular Breast Imaging. Journal of Medical Imaging and Radiation Sciences, 2018, 49, 39-43.	0.2	3
11	Comparison of Tc-99m maraciclaitide and Tc-99m sestamibi molecular breast imaging in patients with suspected breast cancer. EJNMMI Research, 2017, 7, 5.	1.1	13
12	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
13	Risk of low-dose radiation and the BEIR VII report: A critical review of what it does and doesn't say. Physica Medica, 2017, 43, 153-158.	0.4	23
14	Improved visualization of breast tissue on a dedicated breast PET system through ergonomic redesign of the imaging table. EJNMMI Research, 2017, 7, 100.	1.1	16
15	Performance characteristics of dedicated molecular breast imaging systems at low doses. Medical Physics, 2016, 43, 3062-3070.	1.6	17
16	Curative ex vivo liver-directed gene therapy in a pig model of hereditary tyrosinemia type 1. Science Translational Medicine, 2016, 8, 349ra99.	5.8	56
17	Curies, and Grays, and Sieverts, Oh My: A Guide for Discussing Radiation Dose and Risk of Molecular Breast Imaging. Journal of the American College of Radiology, 2015, 12, 1103-1105.	0.9	18
18	JOURNAL CLUB: Molecular Breast Imaging at Reduced Radiation Dose for Supplemental Screening in Mammographically Dense Breasts. American Journal of Roentgenology, 2015, 204, 241-251.	1.0	136

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19	Molecular breast imaging: an emerging modality for breast cancer screening. <i>Breast Cancer Management</i> , 2015, 4, 33-40.	0.2	25
20	Effect of Menstrual Cycle Phase on Background Parenchymal Uptake at Molecular Breast Imaging. <i>Academic Radiology</i> , 2015, 22, 1147-1156.	1.3	14
21	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
22	Half-time Tc-99m sestamibi imaging with a direct conversion molecular breast imaging system. <i>EJNMMI Research</i> , 2014, 4, 5.	1.1	8
23	Remission of Disseminated Cancer After Systemic Oncolytic Virotherapy. <i>Mayo Clinic Proceedings</i> , 2014, 89, 926-933.	1.4	240
24	Nuclear imaging of the breast: Translating achievements in instrumentation into clinical use. <i>Medical Physics</i> , 2013, 40, 050901.	1.6	63
25	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
26	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
27	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
28	Comparison of radiation exposure and associated radiation-induced cancer risks from mammography	1.6	54
29	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
30	Molecular breast imaging. <i>Expert Review of Anticancer Therapy</i> , 2009, 9, 1073-1080.	1.1	74
31	Design of optimal collimation for dedicated molecular breast imaging systems. <i>Medical Physics</i> , 2009, 36, 845-856.	1.6	59
32	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
33	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
34	Assessment of pulmonary thromboendarterectomy by tomographic electrocardiogram-gated equilibrium radionuclide angiography compared with electron beam computed tomography. <i>Journal of Nuclear Cardiology</i> , 2007, 14, 92-99.	1.4	3
35	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
36	Single-Photon Emission Computed Tomography/Computed Tomography: Basic Instrumentation and Innovations. <i>Seminars in Nuclear Medicine</i> , 2006, 36, 258-266.	2.5	133

#	ARTICLE	IF	CITATIONS
37	Effect of tomographic orbit and type of rotation on apparent myocardial activity. Nuclear Medicine Communications, 2005, 26, 25-30.	0.5	8
38	Determinants of Bone Loss from the Femoral Neck in Women of Different Ages. Journal of Bone and Mineral Research, 2000, 15, 24-31.	3.1	101
39	Epidemiology of Sarcopenia. Journal of the American Geriatrics Society, 2000, 48, 625-630.	1.3	413
40	The evaluation and calibration of fan-beam collimators. European Journal of Nuclear Medicine and Molecular Imaging, 1999, 26, 314-319.	3.3	4
41	Bone Density and Fracture Risk in Men. Journal of Bone and Mineral Research, 1998, 13, 1915-1923.	3.1	542
42	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