

Lionel Sydney Zuckier

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

2,359
citations

257357

24
h-index

214721

47
g-index

96
all docs

96
docs citations

96
times ranked

2473
citing authors

#	ARTICLE	IF	CITATIONS
1	The mammary gland iodide transporter is expressed during lactation and in breast cancer. <i>Nature Medicine</i> , 2000, 6, 871-878.	15.2	435
2	Therapeutic efficacy of monoclonal antibodies to <i>Cryptococcus neoformans</i> glucuronoxylomannan alone and in combination with amphotericin B. <i>Antimicrobial Agents and Chemotherapy</i> , 1994, 38, 580-587.	1.4	154
3	Positron Emission Tomography and Single-Photon Emission Computed Tomography Imaging in the Diagnosis of Cardiac Implantable Electronic Device Infection. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	1.3	123
4	Dominant uptake of fatty acid over glucose by prostate cells: a potential new diagnostic and therapeutic approach. <i>Anticancer Research</i> , 2010, 30, 369-74.	0.5	115
5	Physiology and Pathophysiology of Incidental Findings Detected on FDG-PET Scintigraphy. <i>Seminars in Nuclear Medicine</i> , 2010, 40, 294-315.	2.5	101
6	Kinetics of perrhenate uptake and comparative biodistribution of perrhenate, pertechnetate, and iodide by NaI symporter-expressing tissues in vivo. <i>Journal of Nuclear Medicine</i> , 2004, 45, 500-7.	2.8	100
7	Rhenium-188 as an alternative to Iodine-131 for treatment of breast tumors expressing the sodium/iodide symporter (NIS). <i>Nuclear Medicine and Biology</i> , 2002, 29, 13-18.	0.3	87
8	Diagnostic Evaluation of Pulmonary Embolism During the COVID-19 Pandemic. <i>Journal of Nuclear Medicine</i> , 2020, 61, 630-631.	2.8	85
9	Acute gastrointestinal bleeding. <i>Seminars in Nuclear Medicine</i> , 2003, 33, 297-311.	2.5	78
10	Trials and tribulations: Oncological antibody imaging comes to the fore. <i>Seminars in Nuclear Medicine</i> , 1997, 27, 10-29.	2.5	72
11	Immunologic and pharmacologic concepts of monoclonal antibodies. <i>Seminars in Nuclear Medicine</i> , 1989, 19, 166-186.	2.5	63
12	Treatment of Advanced Pancreatic Carcinoma with 90Y-Clivatuzumab Tetraxetan: A Phase I Single-Dose Escalation Trial. <i>Clinical Cancer Research</i> , 2011, 17, 4091-4100.	3.2	60
13	Effect of Immune Mechanisms on the Pharmacokinetics and Organ Distribution of Cryptococcal Polysaccharide. <i>Journal of Infectious Diseases</i> , 1998, 177, 1647-1659.	1.9	57
14	The use of severe combined immunodeficiency mice to study the metabolism of human immunoglobulin g. <i>Cancer</i> , 1994, 73, 794-799.	2.0	53
15	Immunoglobulin Isotype Determines Pathogenicity in Antibody-Mediated Myocarditis in Naïve Mice. <i>Circulation Research</i> , 2000, 86, 281-285.	2.0	53
16	Enhanced lung scan diagnosis of pulmonary embolism with the use of ancillary scintigraphic findings and clinical correlation. <i>Seminars in Nuclear Medicine</i> , 2001, 31, 143-157.	2.5	52
17	Nonosseous, Nonurologic Uptake on Bone Scintigraphy: Atlas and Analysis. <i>Seminars in Nuclear Medicine</i> , 2010, 40, 242-256.	2.5	50
18	Radionuclide Studies in the Determination of Brain Death: Criteria, Concepts, and Controversies. <i>Seminars in Nuclear Medicine</i> , 2008, 38, 262-273.	2.5	49

#	ARTICLE	IF	CITATIONS
19	The SNMMI Procedure Standard/EANM Practice Guideline for Gastrointestinal Bleeding Scintigraphy 2.0. Journal of Nuclear Medicine Technology, 2014, 42, 308-317.	0.4	49
20	Molecular Imaging for the diagnosis of infective endocarditis: A systematic literature review and meta-analysis. International Journal of Cardiology, 2018, 253, 183-188.	0.8	44
21	Pulmonary Scintigraphy for the Diagnosis of Acute Pulmonary Embolism: A Survey of Current Practices in Australia, Canada, and France. Journal of Nuclear Medicine, 2015, 56, 1212-1217.	2.8	36
22	¹⁸ F-FDG PET Evaluation of Sinonasal Papilloma. American Journal of Roentgenology, 2009, 193, 214-217.	1.0	35
23	¹⁸ F-FDG-PET/CT Imaging of Thoracic and Extrathoracic Tuberculosis in Children. Seminars in Nuclear Medicine, 2017, 47, 304-318.	2.5	29
24	Artifacts and Incidental Findings Encountered on Dual-Energy X-Ray Absorptiometry: Atlas and Analysis. Seminars in Nuclear Medicine, 2015, 45, 458-469.	2.5	27
25	Testicular scanning and other applications of radionuclide imaging of the genital tract. Seminars in Nuclear Medicine, 1990, 20, 159-188.	2.5	22
26	PET-CT Demonstration of Extensive Muscle Metastases From Breast Cancer. Clinical Nuclear Medicine, 2006, 31, 266-268.	0.7	20
27	Technetium-99m antimony sulphide colloid lymphoscintigraphy of the prostate by direct transrectal injection. Nuclear Medicine Communications, 1990, 11, 589-596.	0.5	18
28	Analysis of hepatocyte distribution and survival in vascular beds with cells marked by ^{99m} Tc or endogenous dipeptidyl peptidase IV activity. Cell Transplantation, 1997, 6, 377-386.	1.2	15
29	Altered Biodistribution of Radiopharmaceuticals Used in Bone Scintigraphy. Seminars in Nuclear Medicine, 2015, 45, 81-96.	2.5	13
30	The Hot Clot Sign: A New Finding in Deep Venous Thrombosis on Bone Scintigraphy. Clinical Nuclear Medicine, 1990, 15, 790-793.	0.7	12
31	Radionuclide Evaluation of Brain Death in the Post-McMath Era. Journal of Nuclear Medicine, 2016, 57, 1560-1568.	2.8	12
32	COVID-19 in the Nuclear Medicine Department, be prepared for ventilation scans as well!. Nuclear Medicine Communications, 2020, 41, 494-495.	0.5	11
33	Selective role of nuclear medicine in evaluating the acute abdomen. Radiologic Clinics of North America, 2003, 41, 1275-1288.	0.9	10
34	Significance of Skeletal Uptake Detected on Radionuclide Renal Perfusion Studies. Clinical Nuclear Medicine, 1987, 12, 448-452.	0.7	9
35	Incidental abnormalities detected during scintigraphy for gastrointestinal bleeding.. Radiographics, 1990, 10, 467-481.	1.4	9
36	Reproducibility of radioactive iodine uptake (^{RAIU}) measurements. Journal of Applied Clinical Medical Physics, 2018, 19, 239-242.	0.8	9

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37	The implications of decreased performance of new generation gamma-cameras on the interpretation of ¹³¹ I-Hippuran renal images. Nuclear Medicine Communications, 1987, 8, 49-61.	0.5	8
38	Detection of Recurrent Adenoid Cystic Carcinoma With PET-CT. Clinical Nuclear Medicine, 2007, 32, 574-577.	0.7	8
39	Quantitative analysis of technetium-99m-sestamibi uptake and washout in parathyroid scintigraphy supports dual mechanisms of lesion conspicuity. Nuclear Medicine Communications, 2019, 40, 469-476.	0.5	8
40	To everything there is a season: taxonomy of approaches to the performance of lung scintigraphy in the era of COVID-19. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 666-669.	3.3	8
41	Lacrimal Gland Uptake of ⁶⁷ Ga-gallium Citrate Correlates with Biopsy Results in Patients with Suspected Sarcoidosis. Ocular Immunology and Inflammation, 2014, 22, 15-22.	1.0	7
42	Multicenter Validation of a Shortened Gastric-Emptying Protocol. Journal of Nuclear Medicine, 2015, 56, 873-876.	2.8	7
43	Fraley's syndrome: Case report and update on current diagnostic methods. Urologic Radiology, 1988, 10, 103-106.	0.2	6
44	Nuclear medicine in problems of fertility and impotence. Seminars in Nuclear Medicine, 1992, 22, 122-137.	2.5	6
45	The role of nuclear medicine in the evaluation of the male genital tract. Seminars in Roentgenology, 1993, 28, 31-42.	0.2	6
46	Brain Perfusion Studies in the Evaluation of Acute Neurologic Abnormalities. Seminars in Nuclear Medicine, 2013, 43, 129-138.	2.5	6
47	Safe Use of Radium-223 Dichloride (²²³ RaCl ₂) Across a Wide Range of Clinical Scenarios, Incorporating a 10-year Single-Institution Radiation Safety Experience. Journal of Medical Imaging and Radiation Sciences, 2019, 50, S36-S40.	0.2	6
48	Safe Pulmonary Scintigraphy in the Era of COVID-19. Seminars in Nuclear Medicine, 2022, 52, 48-55.	2.5	6
49	Remote Reading and Teaching of Nuclear Medicine in the Era of COVID-19. Seminars in Nuclear Medicine, 2022, 52, 71-78.	2.5	6
50	Principles of Nuclear Medicine Imaging Modalities. , 2008, , 63-98.		6
51	Expression of Human Tumor Mucin-Associated Carbohydrate Epitopes, Including Sialylated Tn, and Localization of Murine Monoclonal Antibodies CC49 and B72.3 in a Syngeneic Rat Colon Carcinoma Model. Journal of Immunotherapy, 1994, 16, 251-261.	1.2	5
52	Evaluation in a Mouse Model of a Thyroid-blocking Protocol for ¹³¹ I Antibody Therapy (Short Communication). Cancer Biotherapy and Radiopharmaceuticals, 1998, 13, 457-460.	0.7	5
53	Synthetic Positron Emission Tomography-Computed Tomography Images for Use in Perceptual Studies. Seminars in Nuclear Medicine, 2011, 41, 437-448.	2.5	5
54	[⁶⁷ Ga] Ga-citrate and COVID-19-associated pneumonia: an unexpected absence of uptake. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 2207-2208.	3.3	5

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55	Remaining Academically Connected While Socially Distant: Leveraging Technology to Support Dispersed Radiology and Nuclear Medicine Training Programs in the Era of COVID-19. <i>Academic Radiology</i> , 2020, 27, 898-899.	1.3	5
56	Ventilation-Perfusion Scans After the COVID-19 Pandemic: Point-of-Care Ventilation Studies Are Dispensable. <i>American Journal of Roentgenology</i> , 2022, 218, 29-30.	1.0	5
57	Experience with a Perfusion-Only Screening Protocol for Evaluation of Pulmonary Embolism During the COVID-19 Pandemic Surge. <i>Journal of Nuclear Medicine</i> , 2022, 63, 598-601.	2.8	5
58	Pelvic Kidney Displacing a Sigmoid Diverticular Bleed Scintigraphic and Angiographic Correlation. <i>Clinical Nuclear Medicine</i> , 1988, 13, 463-464.	0.7	4
59	Repeated Bleeding Scintigraphy May Reveal That Stationary Foci of Activity Represent Sites of Active Hemorrhage. <i>Clinical Nuclear Medicine</i> , 2002, 27, 25-29.	0.7	4
60	New Applications of Planar Image Fusion in Clinical Nuclear Medicine and Radiology. , 2006, 2006, 1576-9.		4
61	Hybrid Imaging in Planar Scintigraphy: New Implementations and Historical Precedents. <i>Seminars in Nuclear Medicine</i> , 2012, 42, 62-72.	2.5	4
62	Premature Extravasation. <i>Clinical Nuclear Medicine</i> , 1995, 20, 691-694.	0.7	3
63	Use of radioactive tracers in the evaluation of penile hemodynamics: history, methodology and measurements. <i>International Journal of Impotence Research</i> , 1997, 9, 99-108.	1.0	3
64	Hot Nose Signs Not So Hot. <i>Radiology</i> , 2005, 237, 749-750.	3.6	3
65	A dearth of specifications regarding primary diagnostic monitors (PDMs) for nuclear medicine leaves us with little guidance during the COVID-19 pandemic. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 321-322.	0.8	3
66	Does gallium-citrate have yet another story to tell? Lessons relevant to the COVID-19 era. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2059-2061.	3.3	3
67	Development and validation of the Lesion Synthesis Toolbox and the Perception Study Tool for quantifying observer limits of detection of lesions in positron emission tomography. <i>Journal of Medical Imaging</i> , 2020, 7, 1.	0.8	3
68	Detection of Postcardiotomy Bacterial Pericarditis with Gallium-67 Citrate. <i>Clinical Nuclear Medicine</i> , 1986, 11, 276-278.	0.7	2
69	The Persistently Absent Bowel Loop. <i>Clinical Nuclear Medicine</i> , 2001, 26, 939-940.	0.7	2
70	Subcutaneous Injection of the HIV-1 Fusion Inhibitor Enfuvirtide (FUZEON) May Result in Soft-Tissue Accumulation of Tc-99m MDP. <i>Clinical Nuclear Medicine</i> , 2012, 37, 100-101.	0.7	2
71	High Prevalence of Pneumothorax on PET-CT Studies Performed in Lung Cancer Patients Following Post-Trans-thoracic Needle Biopsy Mandates Careful Scrutiny. <i>Clinical Nuclear Medicine</i> , 2017, 42, 637-638.	0.7	2
72	Referral Patterns and Diagnostic Yield of Lung Scintigraphy in the Diagnosis of Acute Pulmonary Embolism. <i>Thrombosis</i> , 2017, 2017, 1-6.	1.4	2

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73	An electronic technetium-99m-diethylenetriaminepentaacetic acid glomerular filtration rate spreadsheet with novel embedded quality assurance features. Nuclear Medicine Communications, 2019, 40, 30-40.	0.5	2
74	Letter From the Guest Editors. Seminars in Nuclear Medicine, 2019, 49, 85-86.	2.5	2
75	Evidence-Based Medicine in the Domain of Nuclear Medicine, the Fifty-Year View. Seminars in Nuclear Medicine, 2020, 50, 110-114.	2.5	2
76	Use of a Water Enema to Facilitate Localization of Gastrointestinal Hemorrhage During Tc-99m Labeled RBC Scintigraphy. Clinical Nuclear Medicine, 1996, 21, 463-464.	0.7	2
77	Appearance of a Hepatic Hemangioma on Prostate Immunoscintigraphy. Clinical Nuclear Medicine, 1996, 21, 541-543.	0.7	2
78	Reply: COVID-19 and Pulmonary Embolism: Diagnostic Imaging Trends. Journal of Nuclear Medicine, 2020, 61, 1102.2-1103.	2.8	2
79	Radionuclide Evaluation of Brain Death in the Post-McMath Era: Epilogue and Enigmata. Journal of Nuclear Medicine, 2022, 63, 1323-1325.	2.8	2
80	Measurement of Liver Span. Journal of Clinical Gastroenterology, 1987, 9, 720.	1.1	1
81	Guest Editorial: Perception of "The Invisible Element. Seminars in Nuclear Medicine, 2011, 41, 390-391.	2.5	1
82	Message from the Guest Editor. Journal of Medical Imaging and Radiation Sciences, 2019, 50, S1.	0.2	1
83	Transitional cell carcinoma of the upper urinary tract.. Radiology, 1989, 170, 282-283.	3.6	1
84	Scintigraphy of the Liver, Spleen, and Biliary Tree. , 2020, , 295-321.		1
85	An Unanticipated Halo. Clinical Nuclear Medicine, 2001, 26, 969-970.	0.7	0
86	INTERNET-BASED DISPLAY OF REMOTELY-ACQUIRED AMBIENT RADIATION DATA. Health Physics, 2002, 82, 898-901.	0.3	0
87	Pseudo-Supernumerary Right Kidney. Clinical Nuclear Medicine, 2003, 28, 432-433.	0.7	0
88	Tc-99m Red Blood Cell Scintigraphic Detection of CMV-Induced Small Bowel Hemorrhage. Clinical Nuclear Medicine, 2007, 32, 807-809.	0.7	0
89	Re: implications of negative technetium 99m-labeled red blood cell scintigraphy in patients presenting with lower gastrointestinal bleeding. American Journal of Surgery, 2008, 195, 717-718.	0.9	0
90	Re: Taylor et al.: A 7% Decrease in the Differential Renal Uptake of MAG3 Implies a Loss in Renal Function (Urology 2010;76:1512-1516). Urology, 2011, 77, 1011.	0.5	0

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91	Re: Morris-Stiff G, Falk G, Kraynak L, et al.: The Cholecystokinin Provocation HIDA Test: Recreation of Symptoms Is Superior to Ejection Fraction in Predicting Medium-Term Outcomes. J Gastrointest Surg 2010. Journal of Gastrointestinal Surgery, 2011, 15, 1660-1661.	0.9	0
92	Unilateral Breast Uptake on Radionuclide Ventriculography. Clinical Nuclear Medicine, 2014, 39, 629-631.	0.7	0
93	Myocardial Metastases From Renal Cell Carcinoma Mimicking Ischemia on Myocardial Perfusion Scintigraphy. Clinical Nuclear Medicine, 2014, 39, 845-848.	0.7	0
94	Unanticipated findings and their implications. Journal of Nuclear Cardiology, 2022, 29, 3542.	1.4	0
95	Appearance of a Common Catheter in an Uncommon Location. Clinical Nuclear Medicine, 1996, 21, 973-974.	0.7	0
96	Thyroid and Parathyroid Imaging. , 2020, , 489-510.		0