

Tim Van den Wyngaert

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

2,393
citations

236833

25
h-index

214721

47
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93
all docs

93
docs citations

93
times ranked

3028
citing authors

#	ARTICLE	IF	CITATIONS
1	The EANM practice guidelines for bone scintigraphy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1723-1738.	3.3	293
2	Medication-related osteonecrosis of the jaw: definition and best practice for prevention, diagnosis, and treatment. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2019, 127, 117-135.	0.2	198
3	Medication-related osteonecrosis of the jaw: Prevention, diagnosis and management in patients with cancer and bone metastases. <i>Cancer Treatment Reviews</i> , 2018, 69, 177-187.	3.4	194
4	Maintenance fluid therapy and fluid creep impose more significant fluid, sodium, and chloride burdens than resuscitation fluids in critically ill patients: a retrospective study in a tertiary mixed ICU population. <i>Intensive Care Medicine</i> , 2018, 44, 409-417.	3.9	128
5	¹⁸ F-NaF PET/CT: EANM procedure guidelines for bone imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 1767-1777.	3.3	123
6	Initial experience with conservative treatment in cancer patients with osteonecrosis of the jaw (ONJ) and predictors of outcome. <i>Annals of Oncology</i> , 2009, 20, 331-336.	0.6	119
7	Bisphosphonates and osteonecrosis of the jaw: cause and effect or a post hoc fallacy?. <i>Annals of Oncology</i> , 2006, 17, 1197-1204.	0.6	102
8	Osteonecrosis of the jaw related to the use of bisphosphonates. <i>Current Opinion in Oncology</i> , 2007, 19, 315-322.	1.1	71
9	FDG-PET/CT for treatment response assessment in head and neck squamous cell carcinoma: a systematic review and meta-analysis of diagnostic performance. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1063-1071.	3.3	58
10	RANK ligand inhibition in bone metastatic cancer and risk of osteonecrosis of the jaw (ONJ): non bis in idem?. <i>Supportive Care in Cancer</i> , 2011, 19, 2035-2040.	1.0	54
11	SPECT/CT: Standing on the Shoulders of Giants, It Is Time to Reach for the Sky!. <i>Journal of Nuclear Medicine</i> , 2020, 61, 1284-1291.	2.8	50
12	Molecular Imaging of Apoptosis: The Case of Caspase-3 Radiotracers. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3948.	1.8	48
13	RapidArc, SmartArc and TomoHD compared with classical step and shoot and sliding window intensity modulated radiotherapy in an oropharyngeal cancer treatment plan comparison. <i>Radiation Oncology</i> , 2013, 8, 37.	1.2	45
14	Effect of isotonic versus hypotonic maintenance fluid therapy on urine output, fluid balance, and electrolyte homeostasis: a crossover study in fasting adult volunteers. <i>British Journal of Anaesthesia</i> , 2017, 118, 892-900.	1.5	45
15	Fluorodeoxyglucose-Positron Emission Tomography/Computed Tomography After Concurrent Chemoradiotherapy in Locally Advanced Head-and-Neck Squamous Cell Cancer: The ECLYPS Study. <i>Journal of Clinical Oncology</i> , 2017, 35, 3458-3464.	0.8	45
16	SPECT/CT in Postoperative Painful Hip Arthroplasty. <i>Seminars in Nuclear Medicine</i> , 2018, 48, 425-438.	2.5	44
17	Impact of chloride and strong ion difference on ICU and hospital mortality in a mixed intensive care population. <i>Annals of Intensive Care</i> , 2016, 6, 91.	2.2	42
18	154 compared to 54 mmol per liter of sodium in intravenous maintenance fluid therapy for adult patients undergoing major thoracic surgery (TOPMAST): a single-center randomized controlled double-blind trial. <i>Intensive Care Medicine</i> , 2019, 45, 1422-1432.	3.9	40

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19	SPECT/CT in the Postoperative Painful Knee. <i>Seminars in Nuclear Medicine</i> , 2018, 48, 439-453.	2.5	34
20	Bisphosphonates in Oncology: Rising Stars or Fallen Heroes. <i>Oncologist</i> , 2009, 14, 181-191.	1.9	33
21	Development of Antibody Immuno-PET/SPECT Radiopharmaceuticals for Imaging of Oncological Disorders—An Update. <i>Cancers</i> , 2020, 12, 1868.	1.7	33
22	Bone SPECT/CT in the postoperative spine: a focus on spinal fusion. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 2094-2104.	3.3	32
23	SPECT/CT in Postoperative Foot and Ankle Pain. <i>Seminars in Nuclear Medicine</i> , 2018, 48, 454-468.	2.5	30
24	Neoadjuvant systemic therapy in breast cancer: Challenges and uncertainties. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2017, 210, 144-156.	0.5	29
25	Bone SPECT/CT in Postoperative Spine. <i>Seminars in Nuclear Medicine</i> , 2018, 48, 410-424.	2.5	26
26	Preventing, identifying, and managing medication-related osteonecrosis of the jaw: a practical guide for nurses and other allied healthcare professionals. <i>Supportive Care in Cancer</i> , 2020, 28, 4019-4029.	1.0	24
27	¹⁸ F-FDG-PET/CT for the detection of disease in patients with head and neck cancer treated with radiotherapy. <i>PLoS ONE</i> , 2017, 12, e0182350.	1.1	23
28	RANK-RANKL Signaling in Cancer of the Uterine Cervix: A Review. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2183.	1.8	22
29	Fluid-induced harm in the hospital: look beyond volume and start considering sodium. From physiology towards recommendations for daily practice in hospitalized adults. <i>Annals of Intensive Care</i> , 2021, 11, 79.	2.2	22
30	Cost-Effectiveness of Bone SPECT/CT in Painful Total Knee Arthroplasty. <i>Journal of Nuclear Medicine</i> , 2018, 59, 1742-1750.	2.8	20
31	¹⁸ F-Flortanidazole Hypoxia PET Holds Promise as a Prognostic and Predictive Imaging Biomarker in a Lung Cancer Xenograft Model Treated with Metformin and Radiotherapy. <i>Journal of Nuclear Medicine</i> , 2019, 60, 34-40.	2.8	20
32	Bloodpool SPECT as part of bone SPECT/CT in painful total knee arthroplasty (TKA): validation and potential biomarker of prosthesis biomechanics. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 1009-1018.	3.3	20
33	Prognostic Value of Bone Scintigraphy in Cancer Patients With Osteonecrosis of the Jaw. <i>Clinical Nuclear Medicine</i> , 2011, 36, 17-20.	0.7	19
34	Prospective observational study of treatment pattern, effectiveness and safety of zoledronic acid therapy beyond 24 months in patients with multiple myeloma or bone metastases from solid tumors. <i>Supportive Care in Cancer</i> , 2013, 21, 3483-3490.	1.0	19
35	Reproducibility of Lymphoscintigraphic Evaluation of the Upper Limb. <i>Lymphatic Research and Biology</i> , 2014, 12, 175-184.	0.5	17
36	Evaluation of [¹⁸ F]CP18 as a Substrate-Based Apoptosis Imaging Agent for the Assessment of Early Treatment Response in Oncology. <i>Molecular Imaging and Biology</i> , 2017, 19, 560-569.	1.3	16

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37	SPECT/CT in Postoperative Hand and Wrist Pain. <i>Seminars in Nuclear Medicine</i> , 2018, 48, 396-409.	2.5	16
38	The role of hybrid bone SPECT/CT imaging in the work-up of the limping patient: a symptom-based and joint-oriented review. <i>European Journal of Hybrid Imaging</i> , 2018, 2, 8.	0.6	14
39	Scintigraphic evaluation of mandibular bone turnover in patients with solid tumors receiving zoledronic acid. <i>Oral Oncology</i> , 2010, 46, 214-218.	0.8	12
40	Baseline [18F]FMISO $\frac{1}{4}$ PET as a Predictive Biomarker for Response to HIF-1 \pm Inhibition Combined with 5-FU Chemotherapy in a Human Colorectal Cancer Xenograft Model. <i>Molecular Imaging and Biology</i> , 2016, 18, 606-616.	1.3	11
41	Effects of metformin on tumor hypoxia and radiotherapy efficacy: a [18F]HX4 PET imaging study in colorectal cancer xenografts. <i>EJNMMI Research</i> , 2019, 9, 74.	1.1	11
42	Topical Honey Application to Reduce Radiation-Induced Oral Mucositis: A Therapy too Sweet to Ignore?. <i>Journal of Evidence-based Dental Practice</i> , 2012, 12, 203-205.	0.7	10
43	Quantification of 18F-fluorodeoxyglucose uptake to detect residual nodal disease in locally advanced head and neck squamous cell carcinoma after chemoradiotherapy: results from the ECLYPS study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1075-1082.	3.3	10
44	Quality Assessment in FDG-PET/CT Imaging of Head-and-Neck Cancer: One Home Run Is Better Than Two Doubles. <i>Frontiers in Oncology</i> , 2020, 10, 1458.	1.3	9
45	Molecular imaging of bone metastases using bone targeted tracers. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 63, 112-128.	0.4	9
46	Osteonecrosis of the Jaw (ONJ) Might Explain the Increased Oral Surgery Risk in Cancer Patients Treated with Bisphosphonates. <i>Journal of Evidence-based Dental Practice</i> , 2007, 7, 132-135.	0.7	8
47	Preoperative ultrasound staging of the axilla make \hat{e} s peroperative examination of the sentinel node redundant in breast cancer: saving tissue, time and money. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2016, 206, 164-171.	0.5	8
48	Diagnostic Challenge of Staging Metastatic Bone Disease in the Morbidly Obese Patients. <i>Clinical Nuclear Medicine</i> , 2017, 42, 829-836.	0.7	8
49	Bone metastases in the era of targeted treatments: insights from molecular biology. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 63, 98-111.	0.4	8
50	Effect of sodium administration on fluid balance and sodium balance in health and the perioperative setting. Extended summary with additional insights from the MIHMoSA and TOPMAST studies. <i>Journal of Critical Care</i> , 2022, 67, 157-165.	1.0	8
51	The changing role of radium-223 in metastatic castrate-resistant prostate cancer: has the EMA missed the mark with revising the label?. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 63, 170-182.	0.4	7
52	If prophylactic HPV vaccination is considered in a woman with CIN2+, what is the value and should it be given before or after the surgical treatment?. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2021, 269, 98-101.	0.5	7
53	Absolute Quantification in Diagnostic SPECT/CT: The Phantom Premise. <i>Diagnostics</i> , 2021, 11, 2333.	1.3	7
54	Characterization of an Orthotopic Colorectal Cancer Mouse Model and Its Feasibility for Accurate Quantification in Positron Emission Tomography. <i>Molecular Imaging and Biology</i> , 2017, 19, 762-771.	1.3	6

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55	How to Modulate Tumor Hypoxia for Preclinical In Vivo Imaging Research. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-17.	0.4	6
56	Second-line erlotinib after failure of pemetrexed-containing chemotherapy in advanced non-small cell lung cancer (NSCLC): Real-world effectiveness, safety and tolerability. <i>PLoS ONE</i> , 2019, 14, e0215135.	1.1	6
57	EANM recommendations based on systematic analysis of small animal radionuclide imaging in inflammatory musculoskeletal diseases. <i>EJNMMI Research</i> , 2021, 11, 85.	1.1	6
58	Disambiguating the bisphosphonates. <i>Annals of Oncology</i> , 2008, 19, 1357-1359.	0.6	5
59	Bone SPECT/CT in the Evaluation of Painful Total Ankle Replacement. <i>Clinical Nuclear Medicine</i> , 2021, 46, 361-368.	0.7	5
60	Introducing TOPMAST, the first double-blind randomized clinical trial specifically dedicated to perioperative maintenance fluid therapy in adults. <i>Anaesthesiology Intensive Therapy</i> , 2017, 49, 366-372.	0.4	5
61	Technical feasibility, radiation dosimetry and clinical use of ¹⁸ F-sodium fluoride (NaF) in evaluation of metastatic bone disease in pediatric population. <i>Annals of Nuclear Medicine</i> , 2018, 32, 594-601.	1.2	4
62	The clinical effectiveness of reconstructing ¹⁸ F-sodium fluoride PET/CT bone using Bayesian penalized likelihood algorithm for evaluation of metastatic bone disease in obese patients. <i>British Journal of Radiology</i> , 2021, 94, 20210043.	1.0	4
63	Quantitative radionuclide imaging of bone metastases. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 63, 129-135.	0.4	4
64	Usefulness of splenic scintigraphy in differentiating splenosis and malignancy on gallium 68 1,4,7,10-tetraazacyclododecane-1,4,7,10-tetraacetic acid-NaI3-octreotide. <i>World Journal of Nuclear Medicine</i> , 2018, 17, 56-58.	0.3	4
65	Improved Characteristics of RANKL Immuno-PET Imaging Using Radiolabeled Antibody Fab Fragments. <i>Pharmaceutics</i> , 2022, 14, 939.	2.0	4
66	A patient with a severe glottic stenosis and saddle nose. <i>Acta Clinica Belgica</i> , 2017, 72, 130-132.	0.5	3
67	The predictive value of sentinel node biopsy in early breast cancer after neo-adjuvant chemotherapy: A prospective study. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2018, 229, 108-111.	0.5	3
68	Immuno-PET Molecular Imaging of RANKL in Cancer. <i>Cancers</i> , 2021, 13, 2166.	1.7	3
69	Early Changes in [¹⁸ F]FDG Uptake as a Readout for PI3K/Akt/mTOR Targeted Drugs in HER-2-Positive Cancer Xenografts. <i>Molecular Imaging</i> , 2021, 2021, 1-14.	0.7	3
70	Bone mineral density in adolescent elite ballet dancers. <i>Journal of Sports Medicine and Physical Fitness</i> , 2019, 59, 1564-1570.	0.4	3
71	Radionuclide Imaging of Cytotoxic Immune Cell Responses to Anti-Cancer Immunotherapy. <i>Biomedicines</i> , 2022, 10, 1074.	1.4	3
72	Evaluation of [¹⁸ F]Fluorothymidine as a Biomarker for Early Therapy Response in a Mouse Model of Colorectal Cancer. <i>Molecular Imaging and Biology</i> , 2017, 19, 109-119.	1.3	2

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73	Occult capitata fracture through a bone island " SPECT/CT arthrography imaging. European Journal of Hybrid Imaging, 2018, 2, .	0.6	2
74	ECLYPS: Multicenter trial of FDG-PET/CT to detect residual nodal disease in locally advanced head-and-neck squamous cell carcinoma (LAHNSCC) after chemoradiotherapy (CRT).. Journal of Clinical Oncology, 2016, 34, 6021-6021.	0.8	2
75	Ovarian cancer unmasked by technetium-99m bone scintigraphy and single-photon emission computed tomography-computed tomography. World Journal of Nuclear Medicine, 2019, 18, 58.	0.3	2
76	PET/MRI as a research tool in musculoskeletal conditions. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 2022, , .	0.4	2
77	3060 POSTER Renal Safety of Zoledronic Acid (ZOL) in Patients (pts) Starting ZOL Therapy and Beyond 2 Years of Treatment " a Prospective Multi-center Evaluation. European Journal of Cancer, 2011, 47, S240.	1.3	1
78	Prediction vs. Prognostication and Guarantee-Time Bias: Steering Clear of the Pitfalls of Interpreting Observational Data. Journal of Nuclear Medicine, 2016, 57, 990-990.	2.8	1
79	Update on imaging in chronic kidney disease-mineral and bone disorder: promising role of functional imaging. Skeletal Radiology, 2022, 51, 905-922.	1.2	1
80	18F-Sodium Fluoride (NaF) PET/CT in obese patients on LYSO PET/CT system: Patient dosimetry, optimization of injected activity and acquisition time. Journal of Nuclear Medicine Technology, 2021, 49, jnmt.120.258137.	0.4	1
81	Dual time point imaging in locally advanced head and neck cancer to assess residual nodal disease after chemoradiotherapy. EJNMMI Research, 2022, 12, .	1.1	1
82	Lymphomatous Meningitis Diagnosed with [¹⁸ F]-Fluorodeoxyglucose"Positron-Emission Tomography/CT. American Journal of Neuroradiology, 2009, 30, E150-E151.	1.2	0
83	593 The Role of Sentinel Node (SLN) Procedure After Neo-adjuvant Chemotherapy (NACT) for Node Positive Breast Cancer (NPBC). European Journal of Cancer, 2012, 48, S218.	1.3	0
84	Early Effect of PI3K-AKT-MTOR Blockade On in Vitro 18F-FDG Uptake in HER2+ Breast Cancer Resistant to Trastuzumab. Annals of Oncology, 2013, 24, iii40.	0.6	0
85	Reply to: Starck et al.. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 2265-2266.	3.3	0
86	Letter from the Guest Editors. Seminars in Nuclear Medicine, 2018, 48, 395.	2.5	0
87	Abstract P3-13-01: Prospective study of treatment pattern, effectiveness, and safety of zoledronic acid (ZOL) therapy beyond 24 months: subgroup analysis of patients (pts) with metastatic bone disease (MBD) from breast cancer (BC).. , 2012, , .		0
88	Abstract P2-01-02: The predictive value of sentinel node biopsy (SNB) in early breast cancer after neo-adjuvant chemotherapy (NACT): A prospective study. , 2017, , .		0
89	Abstract 1875: [18F]HX4 shows potential as a predictive biomarker for the radiosensitizing capacities of metformin in a NSCLC xenograft model. , 2017, , .		0
90	Radionuclide imaging and therapy of bone metastases in the era of targeted therapy. Quarterly Journal of Nuclear Medicine and Molecular Imaging, 2019, 63, 95-97.	0.4	0

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91	Gamma camera imaging (bone scan) in orthopedics: Foot, ankle, knees, and hip. , 2022, , .		0