

Martin Biermann

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

1,692
citations

394421

19
h-index

289244

40
g-index

86
all docs

86
docs citations

86
times ranked

2686
citing authors

#	ARTICLE	IF	CITATIONS
1	A human clinical trial using ultrasound and microbubbles to enhance gemcitabine treatment of inoperable pancreatic cancer. <i>Journal of Controlled Release</i> , 2016, 243, 172-181.	9.9	332
2	Transmembrane Voltage Changes Produced by Real and Virtual Electrodes During Monophasic Defibrillation Shock Delivered by an Implantable Electrode. <i>Journal of Cardiovascular Electrophysiology</i> , 1997, 8, 1031-1045.	1.7	137
3	Default mode network functional connectivity is closely related to metabolic activity. <i>Human Brain Mapping</i> , 2015, 36, 2027-2038.	3.6	121
4	Cytochalasin D as Excitation-Contraction Uncoupler for Optically Mapping Action Potentials in Wedges of Ventricular Myocardium. <i>Journal of Cardiovascular Electrophysiology</i> , 1998, 9, 1336-1347.	1.7	91
5	Severe nigrostriatal degeneration without clinical parkinsonism in patients with polymerase gamma mutations. <i>Brain</i> , 2013, 136, 2393-2404.	7.6	90
6	Differential Effects of Cytochalasin D and 2, 3 Butanedione Monoxime on Isometric Twitch Force and Transmembrane Action Potential in Isolated Ventricular Muscle: Implications for Optical Measurements of Cardiac Repolarization. <i>Journal of Cardiovascular Electrophysiology</i> , 1998, 9, 1348-1377.	1.7	89
7	Metabolic Tumor Volume on ¹⁸ F-FDG PET/CT Improves Preoperative Identification of High-Risk Endometrial Carcinoma Patients. <i>Journal of Nuclear Medicine</i> , 2015, 56, 1191-1198.	5.0	78
8	Clinical outcomes of adjuvant external-beam radiotherapy for differentiated thyroid cancer. <i>Nuklearmedizin - NuclearMedicine</i> , 2009, 48, 89-98.	0.7	77
9	F18-FDG-PET for recurrent differentiated thyroid cancer: a systematic meta-analysis. <i>Acta Radiologica</i> , 2016, 57, 1193-1200.	1.1	59
10	Impact of EMG Changes in Continuous Vagal Nerve Monitoring in High-Risk Endocrine Neck Surgery. <i>World Journal of Surgery</i> , 2016, 40, 672-680.	1.6	53
11	Therapy monitoring in aspergillosis using F-18 FDG positron emission tomography. <i>Clinical Nuclear Medicine</i> , 2001, 26, 232-233.	1.3	48
12	Acute Toxicity of Adjuvant Radiotherapy in Locally Advanced Differentiated Thyroid Carcinoma. <i>Strahlentherapie Und Onkologie</i> , 2003, 179, 832-839.	2.0	42
13	Is there a role for PET-CT and SPECT-CT in pediatric oncology?. <i>Acta Radiologica</i> , 2013, 54, 1037-1045.	1.1	35
14	Adrenal Venous Sampling for Assessment of Autonomous Cortisol Secretion. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 4553-4560.	3.6	35
15	1.5-T multiparametric MRI using PI-RADS: a region by region analysis to localize the index-tumor of prostate cancer in patients undergoing prostatectomy. <i>Acta Radiologica</i> , 2015, 56, 500-511.	1.1	33
16	Excellent response of intramedullary Erdheim-Chester disease to vemurafenib: a case report. <i>BMC Research Notes</i> , 2015, 8, 171.	1.4	32
17	Mitochondrial DNA homeostasis is essential for nigrostriatal integrity. <i>Mitochondrion</i> , 2016, 28, 33-37.	3.4	32
18	Post-PET ultrasound improves specificity of 18F-FDG-PET for recurrent differentiated thyroid cancer while maintaining sensitivity. <i>Acta Radiologica</i> , 2015, 56, 1350-1360.	1.1	24

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19	Multimodal imaging of thyroid cancer. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2020, 27, 335-344.	2.3	21
20	EMG changes during continuous intraoperative neuromonitoring with sustained recurrent laryngeal nerve traction in a porcine model. <i>Langenbeck's Archives of Surgery</i> , 2017, 402, 675-681.	1.9	20
21	Progressive striatal necrosis associated with anti-NMDA receptor antibodies. <i>BMC Neurology</i> , 2013, 13, 55.	1.8	19
22	Optimising preoperative risk stratification tools for prostate cancer using mpMRI. <i>European Radiology</i> , 2018, 28, 1016-1026.	4.5	18
23	A simple versatile solution for collecting multidimensional clinical data based on the CakePHP web application framework. <i>Computer Methods and Programs in Biomedicine</i> , 2014, 114, 70-79.	4.7	17
24	Wireless motility capsule compared with scintigraphy in the assessment of diabetic gastroparesis. <i>Neurogastroenterology and Motility</i> , 2020, 32, e13771.	3.0	17
25	Assessing Extraprostatic Extension with Multiparametric MRI of the Prostate: Mehrlivand Extraprostatic Extension Grade or Extraprostatic Extension Likert Scale?. <i>Radiology Imaging Cancer</i> , 2020, 2, e190071.	1.6	17
26	Thyroid cancer surgery in Germany. <i>Langenbeck's Archives of Surgery</i> , 2012, 397, 421-428.	1.9	13
27	Gastric function in diabetic gastroparesis assessed by ultrasound and scintigraphy. <i>Neurogastroenterology and Motility</i> , 2022, 34, e14235.	3.0	11
28	E-learning for medical imaging specialists: introducing blended learning in a nuclear medicine specialist course. <i>Acta Radiologica Open</i> , 2017, 6, 205846011772085.	0.6	10
29	Injury mechanisms and electromyographic changes after injury of the recurrent laryngeal nerve: Experiments in a porcine model. <i>Head and Neck</i> , 2018, 40, 274-282.	2.0	9
30	Erdheim-Chester disease presenting with an intramedullary spinal cord lesion. <i>Journal of Neurology</i> , 2012, 259, 2240-2242.	3.6	8
31	SPECT/CT hybrid imaging; with which CT?. <i>Contrast Media and Molecular Imaging</i> , 2010, 5, 208-212.	0.8	7
32	Estimated cumulative radiation dose received by diagnostic imaging during staging and treatment of operable Ewing sarcoma 2005-2012. <i>Pediatric Radiology</i> , 2017, 47, 82-88.	2.0	7
33	Evaluation of a new e-learning framework for teaching nuclear medicine and radiology to undergraduate medical students. <i>Acta Radiologica Open</i> , 2019, 8, 205846011986023.	0.6	7
34	An Open Source Solution for "Hands-on" teaching of PET/CT to Medical Students under the COVID-19 Pandemic. <i>Nuklearmedizin - NuclearMedicine</i> , 2021, 60, 10-15.	0.7	7
35	Most "Recurrences" of Thyroid Cancer Represent Persistent Rather Than Recurrent Disease. <i>Clinical Thyroidology</i> , 2018, 30, 108-111.	0.1	6
36	A prospective phase I trial of dendritic cell-based cryoimmunotherapy in metastatic castration-resistant prostate cancer.. <i>Journal of Clinical Oncology</i> , 2020, 38, 3029-3029.	1.6	6

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37	Gallium-68-PSMA-PET/CT Outperforms Radioiodine Scintigraphy and FDGâ€“PET/CT in a Prospective Series of 10 Patients with Metastasized Differentiated Thyroid Cancer. <i>Clinical Thyroidology</i> , 2018, 30, 388-390.	0.1	5
38	High cardiac background activity limits 99mTc-MIBI radioguided surgery in aortopulmonary window parathyroid adenomas. <i>BMC Surgery</i> , 2014, 14, 22.	1.3	4
39	A close link between metabolic activity and functional connectivity in the resting human brain. <i>EJNMMI Physics</i> , 2015, 2, A78.	2.7	4
40	F-18-FDG PET-CT in children and young adults with Ewing sarcoma diagnosed in Norway during 2005-2012: a national population-based study. <i>Clinical Physiology and Functional Imaging</i> , 2016, 36, 441-446.	1.2	4
41	Added value of 18F-FDG PET-CT in staging of Ewing sarcoma in children and young adults. <i>European Journal of Hybrid Imaging</i> , 2018, 2, .	1.5	4
42	Automated Analysis of Gray-Scale Ultrasound Images of Thyroid Nodules (â€œRadiomicsâ€) May Outperform Image Interpretation by Less Experienced Thyroid Radiologists. <i>Clinical Thyroidology</i> , 2018, 30, 332-336.	0.1	3
43	Thyroid Ultrasound Classification System Accurately Predicts Risk of Malignancy in Subcentimeter Nodules. <i>Clinical Thyroidology</i> , 2018, 30, 273-276.	0.1	3
44	Gastroparesis Symptoms Associated with Intestinal Hypomotility: An Explorative Study Using Wireless Motility Capsule. <i>Clinical and Experimental Gastroenterology</i> , 2021, Volume 14, 133-144.	2.3	3
45	Diagnostic Hybrid PET/CT and PET/MR with 18F-FDG Perform Similarly in Recurrent Differentiated Thyroid Cancer. <i>Clinical Thyroidology</i> , 2021, 33, 32-37.	0.1	3
46	Prostate-Specific Membrane Antigen Expression in Metastasized Iodine-Negative Thyroid Cancer May Provide a Novel Therapeutic Approach. <i>Clinical Thyroidology</i> , 2017, 29, 94-96.	0.1	3
47	Latencies longer than 3.5Âms after vagus nerve stimulation does not exclude a nonrecurrent inferior laryngeal nerve. <i>BMC Surgery</i> , 2014, 14, 61.	1.3	2
48	Introduction of positron emission tomography into the Western Norwegian Health Region: Regional balance in resource utilization from 2009 to 2014. <i>Clinical Physiology and Functional Imaging</i> , 2017, 37, 512-517.	1.2	2
49	FDG-Avid Thyroid Incidentalomas on PETâ€“CT Ordered for Other Malignancies Have No Prognostic Significance in a Large Retrospective Cohort. <i>Clinical Thyroidology</i> , 2017, 29, 461-464.	0.1	2
50	EU-TIRADS Can Decrease Unnecessary Fine-Needle Aspirations of ¹⁸F-FDG-Positive Thyroid Nodules. <i>Clinical Thyroidology</i> , 2019, 31, 65-68.	0.1	2
51	Ultrasound and microbubble enhanced treatment of inoperable pancreatic adeonocarcinoma.. <i>Journal of Clinical Oncology</i> , 2016, 34, e15703-e15703.	1.6	2
52	2,3-butanedione monoxime (DAM) significantly shortens canine atrial action potential duration. <i>Journal of the American College of Cardiology</i> , 1996, 27, 375.	2.8	1
53	Recurrence Rates in Patients with Intermediate-Risk Differentiated Thyroid Cancer Are Similar after Low-Dose and High-Dose Radioiodine Ablation in a Korean Series. <i>Clinical Thyroidology</i> , 2017, 29, 55-57.	0.1	1
54	How Often Does a Thyroid Cancer Patient Need to Undergo Surveillance with Cervical Ultrasound?. <i>Clinical Thyroidology</i> , 2017, 29, 173-175.	0.1	1

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55	Does Core Needle Biopsy Have A Role in the Evaluation of Thyroid Nodules with Indeterminate Cytology?. <i>Clinical Thyroidology</i> , 2017, 29, 232-234.	0.1	1
56	¹⁸ F-FDOPA-PET Is More Sensitive than F-18-FDG-PET in Persistent or Recurrent Medullary Thyroid Cancer. <i>Clinical Thyroidology</i> , 2017, 29, 301-304.	0.1	1
57	Can Imaging with FDG-PET Help Exclude Malignancy in Cytologically Indeterminate Thyroid Nodules?. <i>Clinical Thyroidology</i> , 2017, 29, 267-270.	0.1	1
58	Punctate Echogenic Foci on Thyroid Ultrasound Do Not Necessarily Represent Calcifications on Histopathology. <i>Clinical Thyroidology</i> , 2017, 29, 415-418.	0.1	1
59	Tumor-Volumeâ€“Doubling Time of Pulmonary Metastases in Follicular-Cellâ€“Derived Thyroid Carcinoma May Allow More Appropriate Selection of Patients for Multikinase Inhibitor Therapy. <i>Clinical Thyroidology</i> , 2017, 29, 378-381.	0.1	1
60	Integrated Cervical Ultrasound by the Same Specialist Who Performed Parathyroid Scintigraphy Improves Parathyroid Adenoma Detection. <i>Clinical Thyroidology</i> , 2018, 30, 471-475.	0.1	1
61	Needle Biopsy of Thyroid Nodules Is Best Performed Using Capillary Action Techniques Rather than Suction. <i>Clinical Thyroidology</i> , 2018, 30, 418-421.	0.1	1
62	New Radiolabeled Proteins May Hold Promise for PET Imaging of Recurrent Differentiated Thyroid Cancer. <i>Clinical Thyroidology</i> , 2019, 31, 279-281.	0.1	1
63	Preoperative PET/CT Helps Decide the Extent of Surgery for Medullary Thyroid Cancer When Basal Calcitonin Is ≥ 1000 pg/ml. <i>Clinical Thyroidology</i> , 2019, 31, 240-243.	0.1	1
64	[¹⁸ F]tetrafluoroborate-PET Outperforms ¹³¹ I-SPECT/CT in a Series of 25 Patients with Suspected Recurrent Differentiated Thyroid Cancer. <i>Clinical Thyroidology</i> , 2020, 32, 394-398.	0.1	1
65	Ultrasound Classification Systems Estimating Thyroid Malignancy Fail to Recognize Hyperfunctional Nodules. <i>Clinical Thyroidology</i> , 2020, 32, 225-228.	0.1	1
66	Hybrid ¹⁸ F-FDG-PET/MR Outperforms PET/CT for the Detection of Neck Recurrences of Differentiated Thyroid Cancer. <i>Clinical Thyroidology</i> , 2022, 34, 81-84.	0.1	1
67	Lymph Node Mapping with Ultrasound Is Highly Useful in the Preoperative Workup of Patients with Thyroid Cancer. <i>Clinical Thyroidology</i> , 2017, 29, 16-18.	0.1	0
68	Large Retrospective Study Confirms the 2015 American Thyroid Association Guidelines for Classifying Small Thyroid Nodules on Ultrasound. <i>Clinical Thyroidology</i> , 2017, 29, 344-347.	0.1	0
69	Intensity of ¹⁸ F-FDG Uptake in Metastatic Differentiated Thyroid Cancer Fails to Predict Growth in Individual Metastatic Lesions. <i>Clinical Thyroidology</i> , 2017, 29, 140-142.	0.1	0
70	Ultrasound Shear Wave Elastography May Help Reduce Frequency of Fine-Needle Biopsy in Low-Risk Thyroid Nodules. <i>Clinical Thyroidology</i> , 2018, 30, 80-84.	0.1	0
71	Punctate Echogenic Foci with Comet-Tail Artifacts May Be Associated with Malignancy When Occurring in Solid Portions of a Thyroid Nodule. <i>Clinical Thyroidology</i> , 2018, 30, 171-174.	0.1	0
72	Selenium Supplementation May Help Protect Salivary Glands After Iodine-131 Therapy for Differentiated Thyroid Cancer. <i>Clinical Thyroidology</i> , 2018, 30, 21-24.	0.1	0

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73	Zirconium-89â€“Labeled Anti-Galectin-3 Antibodies Show Thyroid Cancerâ€“Specific Uptake in Three Thyroid Cancer Cell Lines in an Orthotopic Mouse Model. <i>Clinical Thyroidology</i> , 2018, 30, 574-577.	0.1	0
74	Low-Dose Radioiodine Ablation Is Equally Effective as High-Dose Ablation in Patients with Low-Risk Thyroid Cancer on Long-Term Follow-up. <i>Clinical Thyroidology</i> , 2018, 30, 511-515.	0.1	0
75	Size of the Largest Metastatic Focus to Cervical Lymph Nodes Predicts Incomplete Therapeutic Response in Patients with Nodal-Positive Papillary Thyroid Cancer. <i>Clinical Thyroidology</i> , 2019, 31, 486-489.	0.1	0
76	PET/CT with [68Ga]DOTANOC Is More Sensitive Than [18F]FDG for Restaging of Metastatic Medullary Thyroid Cancer. <i>Clinical Thyroidology</i> , 2019, 31, 392-395.	0.1	0
77	Ultrasound-Guided Core Needle Biopsy Does Not Help Avert Diagnostic Hemithyroidectomy in Cytologically Indeterminate Thyroid Nodules. <i>Clinical Thyroidology</i> , 2019, 31, 151-154.	0.1	0
78	Lesional Uptake of the Hypoxia Imaging Agent [18F] FAZA on PET/CT Predicts Progression in Metastatic Differentiated Thyroid Cancer. <i>Clinical Thyroidology</i> , 2020, 32, 480-483.	0.1	0
79	Radiofrequency Ablation and Laser Ablation of Benign Thyroid Nodules Are Similarly Effective at 6 Months in a Prospective, Randomized Trial. <i>Clinical Thyroidology</i> , 2020, 32, 279-283.	0.1	0
80	Differentiated Thyroid Cancer Patients with Increased Thyroglobulin and Negative Radioiodine Scintigraphy Have Similar Long-Term Survival Whether or Not 18F-FDGâ€“PET Imaging Is Used in Long-Term Monitoring. <i>Clinical Thyroidology</i> , 2021, 33, 92-95.	0.1	0
81	Hardware Fusion with PET/CT in a Real-Time Ultrasound Navigation System Increases the Yield of Ultrasound-Guided Fine-Needle Cytology in Head and Neck Cancer. <i>Clinical Thyroidology</i> , 2021, 33, 225-228.	0.1	0
82	Hybrid [18F]FDG PET/MR Has High Sensitivity and Specificity in the Detection of Recurrent Differentiated Thyroid Cancer. <i>Clinical Thyroidology</i> , 2021, 33, 447-451.	0.1	0
83	Dendritic cell (DC) based cryoimmunotherapy (CryoIT) in a prospective phase I trial of metastatic castration resistant prostate cancer (mCRPC): Interim analysis.. <i>Journal of Clinical Oncology</i> , 2018, 36, e17014-e17014.	1.6	0
84	Abstract CT066: Dendritic cell based cryoimmunotherapy associates with clinical variables and changes in T-cell receptor expression in a prospective phase I trial of metastatic castration resistant prostate cancer. , 2018, , .		0
85	New PET Tracer [⁶⁸ Ga]FAPI-004 Outperforms [¹⁸ F] FDG in a Series of 34 Patients with Recurrent Differentiated Thyroid Cancer. <i>Clinical Thyroidology</i> , 2022, 34, 315-318.	0.1	0