Hans-Jonas Meyer

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Correlation between apparent diffusion coefficient (ADC) and cellularity is different in several tumors: a meta-analysis. Oncotarget, 2017, 8, 59492-59499.	1.8	233
2	Associations between apparent diffusion coefficient (ADC) and KI 67 in different tumors: a meta-analysis. Part 1: ADCmean. Oncotarget, 2017, 8, 75434-75444.	1.8	110
3	Associations between apparent diffusion coefficient (ADC) and KI 67 in different tumors: a meta-analysis. Part 2: ADCmin. Oncotarget, 2018, 9, 8675-8680.	1.8	72
4	Histogram Analysis of Diffusion Weighted Imaging at 3T is Useful for Prediction of Lymphatic Metastatic Spread, Proliferative Activity, and Cellularity in Thyroid Cancer. International Journal of Molecular Sciences, 2017, 18, 821.	4.1	68
5	Comparison of machine learning classifiers for differentiation of grade 1 from higher gradings in meningioma: A multicenter radiomics study. Magnetic Resonance Imaging, 2019, 63, 244-249.	1.8	66
6	Simultaneous 18F-FDG-PET/MRI: Associations between diffusion, glucose metabolism and histopathological parameters in patients with head and neck squamous cell carcinoma. Oral Oncology, 2016, 58, 14-20.	1.5	60
7	ADC Histogram Analysis of Cervical Cancer Aids Detecting Lymphatic Metastases—a Preliminary Study. Molecular Imaging and Biology, 2017, 19, 953-962.	2.6	60
8	Can apparent diffusion coefficient (ADC) distinguish breast cancer from benign breast findings? A meta-analysis based on 13 847 lesions. BMC Cancer, 2019, 19, 955.	2.6	57
9	MRI Texture Analysis Reflects Histopathology Parameters in Thyroid Cancer – A First Preliminary Study. Translational Oncology, 2017, 10, 911-916.	3.7	51
10	ADC-histogram analysis in head and neck squamous cell carcinoma. Associations with different histopathological features including expression of EGFR, VEGF, HIF-1α, Her 2 and p53. A preliminary study. Magnetic Resonance Imaging, 2018, 54, 214-217.	1.8	49
11	Can diffusion-weighted imaging predict tumor grade and expression of Ki-67 in breast cancer? A multicenter analysis. Breast Cancer Research, 2018, 20, 58.	5.0	49
12	Correlations Between DCE MRI and Histopathological Parameters in Head and Neck Squamous Cell Carcinoma. Translational Oncology, 2017, 10, 17-21.	3.7	47
13	Parameters of simultaneous 18F-FDG-PET/MRI predict tumor stage and several histopathological features in uterine cervical cancer. Oncotarget, 2017, 8, 28285-28296.	1.8	44
14	Correlations between intravoxel incoherent motion (IVIM) parameters and histological findings in rectal cancer: preliminary results. Oncotarget, 2017, 8, 21974-21983.	1.8	42
15	Whole lesion histogram analysis of meningiomas derived from ADC values. Correlation with several cellularity parameters, proliferation index KI 67, nucleic content, and membrane permeability. Magnetic Resonance Imaging, 2018, 51, 158-162.	1.8	38
16	Correlations between Apparent Diffusion Coefficient and Gleason Score in Prostate Cancer: A Systematic Review. European Urology Oncology, 2020, 3, 489-497.	5.4	38
17	Diffusion Profiling via a Histogram Approach Distinguishes Low-grade from High-grade Meningiomas, Can Reflect the Respective Proliferative Potential and Progesterone Receptor Status. Molecular Imaging and Biology, 2018, 20, 632-640.	2.6	37
18	Primary Thyroid Sarcoma: A Systematic Review. Anticancer Research, 2015, 35, 5185-91.	1.1	37

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19	Correlation Between Minimum Apparent Diffusion Coefficient (ADCmin) and Tumor Cellularity: A Meta-analysis. Anticancer Research, 2017, 37, 3807-3810.	1.1	36
20	Associations between GLUT expression and SUV values derived from FDG-PET in different tumors—A systematic review and meta analysis. PLoS ONE, 2019, 14, e0217781.	2.5	35
21	Diffusion-Weighted Imaging Using a Readout-Segmented, Multishot EPI Sequence at 3 T Distinguishes between Morphologically Differentiated and Undifferentiated Subtypes of Thyroid Carcinoma—A Preliminary Study. Translational Oncology, 2016, 9, 403-410.	3.7	34
22	Histogram analysis parameters of apparent diffusion coefficient reflect tumor cellularity and proliferation activity in head and neck squamous cell carcinoma. Oncotarget, 2018, 9, 23599-23607.	1.8	32
23	Apparent Diffusion Coefficient for Distinguishing Between Malignant and Benign Lesions in the Head and Neck Region: A Systematic Review and Meta-Analysis. Frontiers in Oncology, 2019, 9, 1362.	2.8	32
24	Can Imaging Parameters Provide Information Regarding Histopathology in Head and Neck Squamous Cell Carcinoma? A Meta-Analysis. Translational Oncology, 2018, 11, 498-503.	3.7	30
25	Histogram analysis of ADC in rectal cancer: associations with different histopathological findings including expression of EGFR, Hif1-alpha, VEGF, p53, PD1, and KI 67. A preliminary study. Oncotarget, 2018, 9, 18510-18517.	1.8	30
26	Associations between ¹⁸ F-FDG-PET, DWI, and DCE Parameters in Patients with Head and Neck Squamous Cell Carcinoma Depend on Tumor Grading. Contrast Media and Molecular Imaging, 2017, 2017, 1-8.	0.8	26
27	Radiomics Model Based on Non-Contrast CT Shows No Predictive Power for Complete Pathological Response in Locally Advanced Rectal Cancer. Cancers, 2019, 11, 1680.	3.7	24
28	Incidental pulmonary embolism in oncologic patients—a systematic review and meta-analysis. Supportive Care in Cancer, 2021, 29, 1293-1302.	2.2	24
29	Renal incidental findings on computed tomography. Medicine (United States), 2017, 96, e7039.	1.0	23
30	Histogram Analysis Parameters Apparent Diffusion Coefficient for Distinguishing High and Low-Grade Meningiomas: A Multicenter Study. Translational Oncology, 2018, 11, 1074-1079.	3.7	23
31	Associations between Histogram Analysis Parameters Derived from DCE-MRI and Histopathological Features including Expression of EGFR, p16, VEGF, Hif1-alpha, and p53 in HNSCC. Contrast Media and Molecular Imaging, 2019, 2019, 1-10.	0.8	23
32	Associations Between [18F]FDG-PET and Complex Histopathological Parameters Including Tumor Cell Count and Expression of KI 67, EGFR, VEGF, HIF-11±, and p53 in Head and Neck Squamous Cell Carcinoma. Molecular Imaging and Biology, 2019, 21, 368-374.	2.6	22
33	Associations between whole tumor histogram analysis parameters derived from ADC maps and expression of EGFR, VEGF, Hif 1-alpha, Her-2 and Histone 3 in uterine cervical cancer. Magnetic Resonance Imaging, 2019, 57, 68-74.	1.8	22
34	Associations Between PET Parameters and Expression of Ki-67 in Breast Cancer. Translational Oncology, 2019, 12, 375-380.	3.7	21
35	Histogram Analysis Parameters Derived from Conventional T1- and T2-Weighted Images Can Predict Different Histopathological Features Including Expression of Ki67, EGFR, VEGF, HIF-11±, and p53 and Cell Count in Head and Neck Squamous Cell Carcinoma. Molecular Imaging and Biology, 2019, 21, 740-746.	2.6	21
36	Comparison of diffusion-weighted imaging findings in brain metastases of different origin. Clinical Imaging, 2015, 39, 965-969.	1.5	20

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37	30-Day Mortality in Acute Pulmonary Embolism: Prognostic Value of Clinical Scores and Anamnestic Features. PLoS ONE, 2016, 11, e0148728.	2.5	20
38	Histogram analysis parameters identify multiple associations between DWI and DCE MRI in head and neck squamous cell carcinoma. Magnetic Resonance Imaging, 2018, 45, 72-77.	1.8	20
39	Standardized Uptake Values Derived from18F-FDG PET May Predict Lung Cancer Microvessel Density and Expression of KI 67, VEGF, and HIF-11±but Not Expression of Cyclin D1, PCNA, EGFR, PD L1, and p53. Contrast Media and Molecular Imaging, 2018, 2018, 1-10.	0.8	20
40	ADC values of benign and high grade meningiomas and associations with tumor cellularity and proliferation – A systematic review and meta-analysis. Journal of the Neurological Sciences, 2020, 415, 116975.	0.6	19
41	Histogram Analysis of T1-Weighted, T2-Weighted, and Postcontrast T1-Weighted Images in Primary CNS Lymphoma: Correlations with Histopathological Findings—a Preliminary Study. Molecular Imaging and Biology, 2018, 20, 318-323.	2.6	17
42	Clinical and imaging features of myeloid sarcoma: a German multicenter study. BMC Cancer, 2019, 19, 1150.	2.6	17
43	Discrimination between clinical significant and insignificant prostate cancer with apparent diffusion coefficient – a systematic review and meta analysis. BMC Cancer, 2020, 20, 482.	2.6	17
44	Whole Tumor Histogram-profiling of Diffusion-Weighted Magnetic Resonance Images Reflects Tumorbiological Features of Primary Central Nervous System Lymphoma. Translational Oncology, 2018, 11, 504-510.	3.7	16
45	Combined Metabolo-Volumetric Parameters of 18F-FDG-PET and MRI Can Predict Tumor Cellularity, Ki67 Level and Expression of HIF 1alpha in Head and Neck Squamous Cell Carcinoma: A Pilot Study. Translational Oncology, 2019, 12, 8-14.	3.7	16
46	Computed tomography–defined low skeletal muscle mass as a prognostic marker for short-term mortality in critically ill patients: A systematic review and meta-analysis. Nutrition, 2021, 91-92, 111417.	2.4	16
47	Histogram analysis parameters of dynamic contrast-enhanced magnetic resonance imaging can predict histopathological findings including proliferation potential, cellularity, and nucleic areas in head and neck squamous cell carcinoma. Oncotarget, 2018, 9, 21070-21077.	1.8	16
48	Computed tomographyâ€defined body composition as prognostic markers for unfavourable outcomes and inâ€hospital mortality in coronavirus disease 2019. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 159-168.	7.3	16
49	Thrombotic events as incidental finding on computed tomography in intensive care unit patients. Thrombosis Research, 2016, 141, 171-174.	1.7	15
50	ADC histogram analysis of muscle lymphoma—correlation with histopathology in a rare entity. British Journal of Radiology, 2018, 91, 20180291.	2.2	15
51	Texture analysis parameters derived from T1-and T2-weighted magnetic resonance images can reflect Ki67 index in soft tissue sarcoma. Surgical Oncology, 2019, 30, 92-97.	1.6	15
52	Pulmonary Vessel Obstruction Does Not Correlate with Severity of Pulmonary Embolism. Journal of Clinical Medicine, 2019, 8, 584.	2.4	15
53	Radiological and clinical patterns of myeloid sarcoma. Radiology and Oncology, 2019, 53, 213-218.	1.7	15
54	Pretreatment apparent diffusion coefficient does not predict therapy response to neoadjuvant chemotherapy in breast cancer. Breast, 2020, 53, 59-67.	2.2	14

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55	Associations between IVIM histogram parameters and histopathology in rectal cancer. Magnetic Resonance Imaging, 2021, 77, 21-27.	1.8	14
56	Hyperspectral Imaging (HSI)—A New Tool to Estimate the Perfusion of Upper Abdominal Organs during Pancreatoduodenectomy. Cancers, 2021, 13, 2846.	3.7	13
57	Associations between apparent diffusion coefficient and electromyography parameters in myositis—A preliminary study. Brain and Behavior, 2018, 8, e00958.	2.2	12
58	Cardiac Hematological Malignancies: Typical Growth Patterns, Imaging Features, and Clinical Outcome. Angiology, 2018, 69, 170-176.	1.8	12
59	Diffusion-Weighted Imaging of Different Breast Cancer Molecular Subtypes: A Systematic Review and Meta-Analysis. Breast Care, 2022, 17, 47-54.	1.4	12
60	Pre-treatment Apparent Diffusion Coefficient Does Not Predict Therapy Response to Radiochemotherapy in Cervical Cancer: A Systematic Review and Meta-analysis. Anticancer Research, 2021, 41, 1163-1170.	1.1	12
61	Histogram analysis parameters derived from DCE-MRI in head and neck squamous cell cancer – Associations with microvessel density. European Journal of Radiology, 2019, 120, 108669.	2.6	11
62	CT Texture Analysis—Correlations With Histopathology Parameters in Head and Neck Squamous Cell Carcinomas. Frontiers in Oncology, 2019, 9, 444.	2.8	11
63	A New Index for the Prediction of 30-Day Mortality in Patients With Pulmonary Embolism: The Pulmonary Embolism Mortality Score (PEMS). Angiology, 2021, 72, 787-793.	1.8	11
64	Relationships between histogram analysis of ADC values and complex 18F-FDG-PET parameters in head and neck squamous cell carcinoma. PLoS ONE, 2018, 13, e0202897.	2.5	10
65	Association Between VEGF Expression and Diffusion Weighted Imaging in Several Tumors—A Systematic Review and Meta-Analysis. Diagnostics, 2019, 9, 126.	2.6	10
66	Correlation Between Ktrans and Microvessel Density in Different Tumors: A Meta-analysis. Anticancer Research, 2018, 38, 2945-2950.	1.1	10
67	Bone mineral density in patients with systemic mastocytosis: correlations with clinical and histopathological features. Clinical and Experimental Rheumatology, 2021, 39, 52-57.	0.8	10
68	Contrast reflux into the inferior vena cava on computer tomographic pulmonary angiography is a predictor of 24-hour and 30-day mortality in patients with acute pulmonary embolism. Acta Radiologica, 2021, 62, 34-41.	1.1	9
69	Discrimination between malignant and benign thyroid tumors by diffusion-weighted imaging – A systematic review and meta analysis. Magnetic Resonance Imaging, 2021, 84, 41-57.	1.8	9
70	Associations between dynamic-contrast enhanced MRI and tumor infiltrating lymphocytes and tumor-stroma ratio in head and neck squamous cell cancer. Cancer Imaging, 2021, 21, 60.	2.8	9
71	Cervical Cancer: Associations between Metabolic Parameters and Whole Lesion Histogram Analysis Derived from Simultaneous ¹⁸ F-FDG-PET/MRI. Contrast Media and Molecular Imaging, 2018, 2018, 1-8.	0.8	8
72	Apparent Diffusion Coefficient Is a Novel Imaging Biomarker of Myopathic Changes in Liver Cirrhosis. Journal of Clinical Medicine, 2018, 7, 359.	2.4	8

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73	18F-FDG-PET Can Predict Microvessel Density in Head and Neck Squamous Cell Carcinoma. Cancers, 2019, 11, 543.	3.7	8
74	Whole Lesion Histogram Analysis Derived From Morphological MRI Sequences Might be Able to Predict EGFR- and Her2-Expression in Cervical Cancer. Academic Radiology, 2019, 26, e208-e215.	2.5	8
75	Associations Between Histogram Analysis DCE MRI Parameters and Complex 18F-FDG-PET Values in Head and Neck Squamous Cell Carcinoma. Anticancer Research, 2018, 38, 1637-1642.	1.1	8
76	Cone-beam Breast Computed Tomography: CT Density Does Not Reflect Proliferation Potential and Receptor Expression of Breast Carcinoma. Translational Oncology, 2017, 10, 599-603.	3.7	7
77	Apparent diffusion coefficient (ADC) does not correlate with different serological parameters in myositis and myopathy. Acta Radiologica, 2018, 59, 694-699.	1.1	7
78	Diffusion profiling of tumor volumes using a histogram approach can predict proliferation and further microarchitectural features in medulloblastoma. Child's Nervous System, 2018, 34, 1651-1656.	1.1	7
79	Whole-lesion ADC histogram analysis is not able to reflect microvessel density in HNSCC. Medicine (United States), 2019, 98, e15520.	1.0	7
80	Associations between FDG-PET and Ki 67-index in head and neck cancer. Medicine (United States), 2019, 98, e17472.	1.0	7
81	CT-defined low-skeletal muscle mass as a prognostic marker for survival in prostate cancer: A systematic review and meta-analysis. Urologic Oncology: Seminars and Original Investigations, 2021, , .	1.6	7
82	Diagnostic Benefit of High b-Value Computed Diffusion-Weighted Imaging in Patients with Hepatic Metastasis. Journal of Clinical Medicine, 2021, 10, 5289.	2.4	7
83	DWI of the Breast – Possibilities and Limitations. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2022, 194, 966-974.	1.3	7
84	Timing of pulmonary embolism diagnosis in the emergency department. Thrombosis Research, 2016, 137, 53-57.	1.7	6
85	Relationships between apparent diffusion coefficient (ADC) histogram analysis parameters and PD-L 1-expression in head and neck squamous cell carcinomas: a preliminary study. Radiology and Oncology, 2021, 55, 150-157.	1.7	6
86	Associations Between ADC and Tumor Infiltrating Lymphocytes, Tumor-Stroma Ratio and Vimentin Expression in Head and Neck Squamous Cell Cancer. Academic Radiology, 2022, 29, S107-S113.	2.5	6
87	Extrapulmonary CT Findings Predict In-Hospital Mortality in COVID-19. A Systematic Review and Meta-Analysis. Academic Radiology, 2022, 29, 17-30.	2.5	6
88	Cardiovascular findings on computed tomography in patients with unclear finding situation and trauma of unknown origin. Medicine (United States), 2017, 96, e8263.	1.0	5
89	Comparison of Two Mathematical Models of Cellularity Calculation. Translational Oncology, 2018, 11, 307-310.	3.7	5
90	Correlations Between Imaging Biomarkers and Proliferation Index Ki-67 in Lymphomas: A Systematic Review and Meta-Analysis. Clinical Lymphoma, Myeloma and Leukemia, 2019, 19, e266-e272.	0.4	5

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91	Associations between histogram analysis parameters derived from dynamic-contrast enhanced MRI and PD L1-expression in head and neck squamous cell carcinomas. A preliminary study. Magnetic Resonance Imaging, 2020, 72, 117-121.	1.8	5
92	Histogram analysis derived from apparent diffusion coefficient (ADC) is more sensitive to reflect serological parameters in myositis than conventional ADC analysis. British Journal of Radiology, 2018, 91, 20170900.	2.2	4
93	CT imaging features of skeletal muscle metastasis: A rare tumour group with different patterns. Journal of Medical Imaging and Radiation Oncology, 2020, 64, 674-678.	1.8	4
94	Incidental findings on CT angiography of the head and neck in stroke patients. Evaluation of frequency and detection rate. Clinical Neurology and Neurosurgery, 2020, 193, 105783.	1.4	4
95	Perifocal edema volume is not associated with immunohistochemical features reflecting proliferation potential, microvessel density, neoangiogenesis and invasiveness in brain metastasis. Clinical Neurology and Neurosurgery, 2021, 202, 106537.	1.4	4
96	Apparent diffusion coefficient cannot discriminate metastatic and non-metastatic lymph nodes in rectal cancer: a meta-analysis. International Journal of Colorectal Disease, 2021, 36, 2189-2197.	2.2	4
97	Histogram parameters derived from T1 and T2 weighted images correlate with tumor infiltrating lymphocytes and tumor-stroma ratio in head and neck squamous cell cancer. Magnetic Resonance Imaging, 2021, 80, 127-131.	1.8	4
98	Low skeletal muscle mass defined by thoracic CT as a prognostic marker in acute pulmonary embolism. Nutrition, 2022, 98, 111622.	2.4	4
99	Diagnostic benefit of high b-value computed diffusion-weighted imaging in acute brainstem infarction. Journal of Neuroradiology, 2022, 49, 47-52.	1.1	3
100	Can Diagnostic Low-dose Whole-body CT Reflect Bone Marrow Findings in Systemic Mastocytosis?. Anticancer Research, 2020, 40, 1015-1022.	1.1	3
101	Diffusion weighted imaging to predict nodal status in breast cancer: A systematic review and metaâ€analysis. Breast Journal, 2021, 27, 495-498.	1.0	3
102	CT Texture Analysis of Pulmonary Neuroendocrine Tumors—Associations with Tumor Grading and Proliferation. Journal of Clinical Medicine, 2021, 10, 5571.	2.4	3
103	Bone mineral density in patients with systemic mastocytosis: correlations with clinical and histopathological features. Clinical and Experimental Rheumatology, 2021, 39, 52-57.	0.8	3
104	Associations between magnetic resonance imaging and EMG findings in myopathies. Acta Neurologica Scandinavica, 2020, 142, 428-433.	2.1	2
105	Can dynamic contrast enhanced MRI predict gleason score in prostate cancer? a systematic review and meta analysis. Urologic Oncology: Seminars and Original Investigations, 2021, 39, 784.e17-784.e25.	1.6	2
106	Histogram parameters derived from T2 weighted images are associated with histopathological findings in rectal cancer - a preliminary study. American Journal of Translational Research (discontinued), 2018, 10, 3790-3796.	0.0	2
107	CT Texture analysis and CT scores for characterization of fluid collections. BMC Medical Imaging, 2021, 21, 187.	2.7	2
108	Sarcopenia as a Prognostic Marker for Survival in Gastric Cancer Patients Undergoing Palliative Chemotherapy. A Systematic Review and Meta Analysis. Nutrition and Cancer, 0, , 1-9.	2.0	2

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109	Prognostic role of low-skeletal muscle mass on staging computed tomography in metastasized colorectal cancer: a systematic review and meta-analysis. Clinical Colorectal Cancer, 2022, , .	2.3	2
110	Combined parameter SUVmax/ADCmean predicts microvessel density in head and neck squamous cell carcinoma. Preliminary results. Oral Oncology, 2020, 101, 104355.	1.5	1
111	Associations between apparent diffusion coefficient values and histopathological tissue alterations in myopathies. Brain and Behavior, 2020, 10, e01809.	2.2	1
112	Time efficiency and reliability of established computed tomographic obstruction scores in patients with acute pulmonary embolism. PLoS ONE, 2021, 16, e0260802.	2.5	1
113	Associations between histogram analysis parameters derived from morphological sequences and histopathological tissue alterations in myositis and other myopathies: a preliminary study. Clinical and Experimental Rheumatology, 2021, 39, 304-309.	0.8	1
114	Role of visceral fat areas defined by thoracic CT in acute pulmonary embolism. British Journal of Radiology, 2022, 95, 20211267.	2.2	1
115	Magnetic Resonance Imaging of Peritoneal Carcinomatosis: Evaluation of High b-Value Computed Diffusion-Weighted Imaging. Current Oncology, 2022, 29, 4593-4603.	2.2	1
116	Headache as the leading symptom in a case of cerebral tuberculosis. Neuroradiology Journal, 2016, 29, 236-239.	1.2	0
117	Dental Trauma on whole Body Trauma CT—An underreported finding. European Journal of Trauma and Emergency Surgery, 2021, , 1.	1.7	0
118	Can the CT byâ€product Time to threshold be a prognostic factor in patients with acute pulmonary embolism?. Journal of Medical Imaging and Radiation Oncology, 2021, 65, 846-849.	1.8	0
119	Associations Between ADC Texture Analysis and Tumor Infiltrating Lymphocytes in Brain Metastasis – A Preliminary Study. Anticancer Research, 2021, 41, 4549-4554.	1.1	0
120	Associations between tumor and edema volumes with tumor infiltrating lymphocytes in brain metastasis – A preliminary study. Clinical Neurology and Neurosurgery, 2022, 212, 107088.	1.4	0
121	Associations between histogram analysis parameters derived from morphological sequences and histopathological tissue alterations in myositis and other myopathies: a preliminary study. Clinical and Experimental Rheumatology, 2021, 39, 304-309.	0.8	0