

# Michael V Knopp

## List of Publications by Year in descending order

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212  
papers

12,694  
citations

30070

54  
h-index

26613

107  
g-index

218  
all docs

218  
docs citations

218  
times ranked

13422  
citing authors

#	ARTICLE	IF	CITATIONS
1	Considerations on Integrating Prostate-Specific Membrane Antigen Positron Emission Tomography Imaging Into Clinical Prostate Cancer Trials by National Clinical Trials Network Cooperative Groups. <i>Journal of Clinical Oncology</i> , 2022, 40, 1500-1505.	1.6	16
2	In the Era of Deep Learning, Why Reconstruct an Image at All?. <i>Journal of the American College of Radiology</i> , 2021, 18, 170-173.	1.8	8
3	Correlation of Tibial and Femoral Tunnel Size with PET MRI After ACL Reconstruction. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2021, 37, e49.	2.7	0
4	Endovascular repair and open repair surgery of thoraco-abdominal aortic aneurysms cause drastically different types of spinal cord injury. <i>Scientific Reports</i> , 2021, 11, 7834.	3.3	8
5	Case Report: Use of PET/CT to Guide Treatment in a Cat With Presentation Consistent With Hodgkin's-Like Lymphoma. <i>Frontiers in Veterinary Science</i> , 2021, 8, 619264.	2.2	0
6	Response to "Letter to the Editor on "Altered gait mechanics are associated with severity of chondropathy after hip arthroscopy for femoroacetabular impingement" by Brown-Taylor L, Wilson J, McNally M, et al. ( <i>Gait Posture</i> 2020; 77: 175-181)". <i>Gait and Posture</i> , 2021, 88, 238-239.	1.4	0
7	Alliance Foundation Trial 09: A Randomized, Multicenter, Phase 2 Trial Evaluating Two Sequences of Pembrolizumab and Standard Platinum-Based Chemotherapy in Patients With Metastatic NSCLC. <i>JTO Clinical and Research Reports</i> , 2021, 2, 100208.	1.1	0
8	Precision Nuclear Medicine. <i>Radiologic Clinics of North America</i> , 2021, 59, 755-772.	1.8	3
9	In-Office Needle Arthroscopy Can Evaluate Meniscus Tear Repair Healing as an Alternative to Magnetic Resonance Imaging. <i>Arthroscopy, Sports Medicine, and Rehabilitation</i> , 2021, 3, e1755-e1760.	1.7	11
10	Eccentric rehabilitation induces white matter plasticity and sensorimotor recovery in chronic spinal cord injury. <i>Experimental Neurology</i> , 2021, 346, 113853.	4.1	13
11	[18F] Sodium Fluoride Dose Reduction Enabled by Digital Photon Counting PET/CT for Evaluation of Osteoblastic Activity. <i>Frontiers in Medicine</i> , 2021, 8, 725118.	2.6	1
12	Altered gait mechanics are associated with severity of chondropathy after hip arthroscopy for femoroacetabular impingement syndrome. <i>Gait and Posture</i> , 2020, 77, 175-181.	1.4	6
13	Validation of a reversed-phase high-performance liquid chromatography (RP-HPLC) method for analysis of [11C]Nicotine. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 326, 1719-1725.	1.5	0
14	Phase I Study of Veliparib on an Intermittent and Continuous Schedule in Combination with Carboplatin in Metastatic Breast Cancer: A Safety and [18F]-Fluorothymidine Positron Emission Tomography Biomarker Study. <i>Oncologist</i> , 2020, 25, e1158-e1169.	3.7	11
15	Potential impact of consolidation radiation therapy for advanced Hodgkin lymphoma: a secondary analysis of SWOG S0816. <i>Leukemia and Lymphoma</i> , 2020, 61, 2442-2447.	1.3	1
16	Prognostic value of interim FDG-PET in diffuse large cell lymphoma: results from the CALGB 50303 Clinical Trial. <i>Blood</i> , 2020, 135, 2224-2234.	1.4	62
17	Solid-State Digital Photon Counting PET/CT. , 2020, , 53-69.		0
18	Enhancing Patient Experience With Internet Protocol Addressable Digital Light-Emitting Diode Lighting in Imaging Environments: A Phase I Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e11839.	4.3	2

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19	Prospective Tractography-Based Targeting for Improved Safety of Focused Ultrasound Thalamotomy. <i>Neurosurgery</i> , 2019, 84, 160-168.	1.1	73
20	How Long of a Dynamic 3-Deoxy-3-[18F]fluorothymidine ([18F]FLT) PET Acquisition Is Needed for Robust Kinetic Analysis in Breast Cancer?. <i>Molecular Imaging and Biology</i> , 2019, 21, 382-390.	2.6	2
21	Sparse Detector Configuration in SiPM Digital Photon Counting PET: a Feasibility Study. <i>Molecular Imaging and Biology</i> , 2019, 21, 447-453.	2.6	26
22	Assessment of chicken breast meat quality after freeze/thaw abuse using magnetic resonance imaging techniques. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 844-853.	3.5	20
23	Five-year follow-up of SWOG S0816: limitations and values of a PET-adapted approach with stage III/IV Hodgkin lymphoma. <i>Blood</i> , 2019, 134, 1238-1246.	1.4	86
24	Connectivity-based selection of optimal deep brain stimulation contacts: A feasibility study. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 1142-1150.	3.7	8
25	MRI-based methodology to monitor the impact of positional changes on the airway caliber in obstructive sleep apnea patients. <i>Magnetic Resonance Imaging</i> , 2019, 61, 233-238.	1.8	1
26	NCTN Assessment on Current Applications of Radiomics in Oncology. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 302-315.	0.8	44
27	Emerging Opportunities for Digital PET/CT to Advance Locoregional Therapy in Head and Neck Cancer. <i>Seminars in Radiation Oncology</i> , 2019, 29, 93-101.	2.2	10
28	Gadolinium Retention in the Brain. <i>Investigative Radiology</i> , 2019, 54, 466-467.	6.2	1
29	The Optimal Timing of Interim 18F-FDG PET in Diffuse Large B-Cell Lymphoma: An Individual Patient Data Meta-Analysis By the Petra Consortium. <i>Blood</i> , 2019, 134, 487-487.	1.4	4
30	Automatic Segmentation of Prostate Structures Using a Convolutional Neural Network from Multiparametric MRI. , 2019, , .		1
31	Deep Brain Stimulation of Frontal Lobe Networks to Treat Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 621-633.	2.6	47
32	Tumor radiomic heterogeneity: Multiparametric functional imaging to characterize variability and predict response following cervical cancer radiation therapy. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1388-1396.	3.4	82
33	Development of an orthotopic canine prostate cancer model expressing human GRPr. <i>Prostate</i> , 2018, 78, 1111-1121.	2.3	6
34	Performance evaluation of the next generation solid-state digital photon counting PET/CT system. <i>EJNMMI Research</i> , 2018, 8, 97.	2.5	83
35	Integration of cardiac energetics, function and histology from isolated rat hearts perfused with doxorubicin and doxorubicin-ol; a model for use in drug safety evaluations. <i>Journal of Pharmacological and Toxicological Methods</i> , 2018, 94, 54-63.	0.7	4
36	Development and optimization of a novel automated loop method for production of [11C]nicotine. <i>Applied Radiation and Isotopes</i> , 2018, 140, 76-82.	1.5	3

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37	Long-Term Follow-up of SWOG S0816: Response-Adapted Therapy for Stage III/IV Hodgkin Lymphoma Demonstrates Limitations of PET-Adapted Approach. <i>Blood</i> , 2018, 132, 929-929.	1.4	6
38	Assessing the effect of football play on knee articular cartilage using delayed gadolinium-enhanced MRI of cartilage (dGEMRIC). <i>Magnetic Resonance Imaging</i> , 2017, 39, 149-156.	1.8	4
39	Dynamic Contrast-Enhanced Magnetic Resonance Imaging of Ocular Melanoma as a Tool to Predict Metastatic Potential. <i>Journal of Computer Assisted Tomography</i> , 2017, 41, 823-827.	0.9	11
40	Perforator Phase Contrast Angiography of Deep Inferior Epigastric Perforators. <i>Investigative Radiology</i> , 2017, 52, 334-342.	6.2	11
41	Clinical feasibility of <sup>90</sup> Y digital PET/CT for imaging microsphere biodistribution following radioembolization. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 1194-1197.	6.4	13
42	A Phase I clinical trial of the knee to assess the correlation of gagCEST MRI, delayed gadolinium-enhanced MRI of cartilage and T2 mapping. <i>European Journal of Radiology</i> , 2017, 90, 220-224.	2.6	11
43	Feasibility of Na <sup>18</sup> F PET/CT and MRI for Noninvasive In Vivo Quantification of Knee Pathophysiological Bone Metabolism in a Canine Model of Post-traumatic Osteoarthritis. <i>Molecular Imaging</i> , 2017, 16, 153601211771457.	1.4	15
44	A comparison of FLT to FDG PET/CT in the early assessment of chemotherapy response in stages IB-III A resectable NSCLC. <i>EJNMMI Research</i> , 2017, 7, 8.	2.5	16
45	Preclinical Multimodal Molecular Imaging Using <sup>18</sup> F-FDG PET/CT and MRI in a Phase I Study of a Knee Osteoarthritis in In Vivo Canine Model. <i>Molecular Imaging</i> , 2017, 16, 153601211769744.	1.4	11
46	Non-invasive quantification of tumour heterogeneity in water diffusivity to differentiate malignant from benign tissues of urinary bladder: a phase I study. <i>European Radiology</i> , 2017, 27, 2146-2152.	4.5	13
47	Advancing Precision Nuclear Medicine and Molecular Imaging for Lymphoma. <i>PET Clinics</i> , 2017, 12, 63-82.	3.0	11
48	Advanced Functional Tumor Imaging and Precision Nuclear Medicine Enabled by Digital PET Technologies. <i>Contrast Media and Molecular Imaging</i> , 2017, 2017, 1-7.	0.8	29
49	Quantitative Assessment of Heterogeneity in Bladder Tumor MRI Diffusivity: Can Response be Predicted Prior to Neoadjuvant Chemotherapy?. <i>Bladder Cancer</i> , 2017, 3, 237-244.	0.4	30
50	ACL graft metabolic activity assessed by <sup>18</sup> F-FDG PET-MRI. <i>Knee</i> , 2017, 24, 792-797.	1.6	13
51	Improved Function After Deep Brain Stimulation for Chronic, Severe Traumatic Brain Injury. <i>Neurosurgery</i> , 2016, 79, 204-211.	1.1	38
52	Spinal Cord Stimulation (SCS) and Functional Magnetic Resonance Imaging (fMRI): Modulation of Cortical Connectivity With Therapeutic SCS. <i>Neuromodulation</i> , 2016, 19, 142-153.	0.8	58
53	Investigating hydroxyl chemical exchange using a variable saturation power chemical exchange saturation transfer (vCEST) method at 3 T. <i>Magnetic Resonance in Medicine</i> , 2016, 76, 826-837.	3.0	5
54	Oncolytic reovirus in combination with chemotherapy in metastatic or recurrent non-small cell lung cancer patients with KRAS-activated tumors. <i>Cancer</i> , 2016, 122, 875-883.	4.1	55

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55	Effect of parallel radiofrequency transmission on arterial input function selection in dynamic contrast-enhanced 3 Tesla pelvic MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 229-235.	3.4	0
56	US Intergroup Trial of Response-Adapted Therapy for Stage III to IV Hodgkin Lymphoma Using Early Interim Fluorodeoxyglucose-Positron Emission Tomography Imaging: Southwest Oncology Group S0816. <i>Journal of Clinical Oncology</i> , 2016, 34, 2020-2027.	1.6	239
57	Advancing theranostics with tumor-targeting peptides for precision otolaryngology. <i>World Journal of Otorhinolaryngology - Head and Neck Surgery</i> , 2016, 2, 98-108.	1.6	8
58	90Y Digital PET/CT Imaging Following Radioembolization. <i>Clinical Nuclear Medicine</i> , 2016, 41, 975-976.	1.3	4
59	Theranostic Imaging of Yttrium-90. <i>BioMed Research International</i> , 2015, 2015, 1-11.	1.9	58
60	<i>In vivo</i> brain electrophoresis a novel method for chemotherapy of CNS diseases. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 727-734.	5.0	2
61	Performance Comparison of 1.5-T Endorectal Coil MRI with 3.0-T Nonendorectal Coil MRI in Patients with Prostate Cancer. <i>Academic Radiology</i> , 2015, 22, 467-474.	2.5	63
62	Consensus recommendations for a standardized Brain Tumor Imaging Protocol in clinical trials. <i>Neuro-Oncology</i> , 2015, 17, 1188-98.	1.2	346
63	Prediction of chemotherapeutic response in bladder cancer using K-means clustering of dynamic contrast-enhanced (DCE)-MRI pharmacokinetic parameters. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 1374-1382.	3.4	41
64	Is Magnetic Resonance Imaging Assessment of the Size of Articular Cartilage Defects Accurate?. <i>Journal of Knee Surgery</i> , 2014, 27, 067-076.	1.6	7
65	Improving Bladder Cancer Imaging Using 3-T Functional Dynamic Contrast-Enhanced Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2014, 49, 390-395.	6.2	18
66	Chemical exchange saturation transfer MR imaging of articular cartilage glycosaminoglycans at 3T: Accuracy of B0 Field Inhomogeneity corrections with gradient echo method. <i>Magnetic Resonance Imaging</i> , 2014, 32, 41-47.	1.8	40
67	Phase II Trial of Neoadjuvant Weekly Nanoparticle Albumin-Bound Paclitaxel, Carboplatin, and Biweekly Bevacizumab Therapy in Women With Clinical Stage II or III HER2-Negative Breast Cancer. <i>Clinical Breast Cancer</i> , 2014, 14, 228-234.	2.4	29
68	Validation of optimal DCE-MRI perfusion threshold to classify at-risk tumor imaging voxels in heterogeneous cervical cancer for outcome prediction. <i>Magnetic Resonance Imaging</i> , 2014, 32, 1198-1205.	1.8	12
69	Effect of Chondral Defect Size, Shape, and Location on MRI Diagnostic Performance in the Porcine Knee. <i>Orthopedics</i> , 2014, 37, e322-7.	1.1	4
70	Comparison of Magnetic Resonance Angiography Scans on 1.5, 3, and 7 Tesla Units: A Quantitative Study of 3-Dimensional Cerebrovasculature. <i>Journal of Neuroimaging</i> , 2013, 23, 86-95.	2.0	22
71	Preoperative MRI Underestimates Articular Cartilage Defect Size Compared With Findings at Arthroscopic Knee Surgery. <i>American Journal of Sports Medicine</i> , 2013, 41, 590-595.	4.2	76
72	Retrolbulbar vasculature using 7-T magnetic resonance imaging with dedicated eye surface coil. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2013, 251, 271-277.	1.9	14

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73	Phase contrast and time-of-flight magnetic resonance angiography of the intracerebral arteries at 1.5, 3 and 7 T. <i>Magnetic Resonance Imaging</i> , 2013, 31, 545-549.	1.8	32
74	RF-related heating assessment of extracranial neurosurgical implants at 7T. <i>Magnetic Resonance Imaging</i> , 2013, 31, 1029-1034.	1.8	34
75	Use of intraoperative nuclear medicine imaging technology: strategy for improved patient management. <i>Expert Review of Medical Devices</i> , 2013, 10, 149-152.	2.8	9
76	Future vision for the quality assurance of oncology clinical trials. <i>Frontiers in Oncology</i> , 2013, 3, 31.	2.8	24
77	Multimodal Imaging and Detection Strategy With 124 I-Labeled Chimeric Monoclonal Antibody cG250 for Accurate Localization and Confirmation of Extent of Disease During Laparoscopic and Open Surgical Resection of Clear Cell Renal Cell Carcinoma. <i>Surgical Innovation</i> , 2013, 20, 59-69.	0.9	37
78	Quantification of the Human Cerebrovasculature. <i>Journal of Computer Assisted Tomography</i> , 2013, 37, 117-122.	0.9	8
79	Quantitative Computerized Two-Point Correlation Analysis of Lung CT Scans Correlates With Pulmonary Function in Pulmonary Sarcoidosis. <i>Chest</i> , 2012, 142, 1589-1597.	0.8	16
80	A Dose Escalation and Pharmacodynamic Study of Triapine and Radiation in Patients With Locally Advanced Pancreas Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, e475-e481.	0.8	17
81	Image-guided technologies to facilitate the dissection of microsurgical autologous tissue-free flaps. <i>Expert Review of Medical Devices</i> , 2012, 9, 547-549.	2.8	3
82	Magnetic resonance spectroscopy of the canine brain at 3.0 T and 7.0 T. <i>Research in Veterinary Science</i> , 2012, 93, 427-429.	1.9	8
83	Pharmacokinetic Properties of Intravitreal I-124-Aflibercept in a Rabbit Model Using PET/CT. <i>Current Eye Research</i> , 2012, 37, 1171-1174.	1.5	58
84	Detecting cortical lesions in multiple sclerosis at 7 T using white matter signal attenuation. <i>Magnetic Resonance Imaging</i> , 2012, 30, 907-915.	1.8	20
85	Microcirculatory fraction (MCFI) as a potential imaging marker for tumor heterogeneity in breast cancer. <i>Magnetic Resonance Imaging</i> , 2012, 30, 1059-1067.	1.8	2
86	T1 and proton density at 7 T in patients with multiple sclerosis: an initial study. <i>Magnetic Resonance Imaging</i> , 2012, 30, 19-25.	1.8	16
87	An Endovascular Canine Middle Cerebral Artery Occlusion Model for the Study of Leptomeningeal Collateral Recruitment. <i>Investigative Radiology</i> , 2011, 46, 34-40.	6.2	44
88	Internet-Based Videoconferencing and Data Collaboration for the Imaging Community. <i>Journal of Computer Assisted Tomography</i> , 2011, 35, 753-761.	0.9	2
89	Multimodal imaging and detection approach to 18F-FDG-directed surgery for patients with known or suspected malignancies: a comprehensive description of the specific methodology utilized in a single-institution cumulative retrospective experience. <i>World Journal of Surgical Oncology</i> , 2011, 9, 152.	1.9	20
90	Amide proton transfer MR imaging of prostate cancer: A preliminary study. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 647-654.	3.4	163

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91	Quantitative assessment of mobile protein levels in human knee synovial fluid: feasibility of chemical exchange saturation transfer (proteinCEST) MRI of osteoarthritis. <i>Magnetic Resonance Imaging</i> , 2011, 29, 335-341.	1.8	6
92	DTI at 7 and 3 T: systematic comparison of SNR and its influence on quantitative metrics. <i>Magnetic Resonance Imaging</i> , 2011, 29, 739-751.	1.8	44
93	Time-of-flight magnetic resonance angiography of the canine brain at 3.0 Tesla and 7.0 Tesla. <i>American Journal of Veterinary Research</i> , 2011, 72, 350-356.	0.6	18
94	Quantifying Tumor Vascular Heterogeneity with Dynamic Contrast-Enhanced Magnetic Resonance Imaging: A Review. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-12.	3.0	100
95	Magnetic resonance imaging of the canine brain at 3 and 7 T. <i>Veterinary Radiology and Ultrasound</i> , 2011, 52, 25-32.	0.9	24
96	Intraindividual In Vivo Comparison of Gadolinium Contrast Agents for Pharmacokinetic Analysis Using Dynamic Contrast Enhanced Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2010, 45, 233-244.	6.2	14
97	Imaging Cortical Lesions in Multiple Sclerosis With Ultra-High-Field Magnetic Resonance Imaging. <i>Archives of Neurology</i> , 2010, 67, 812-8.	4.5	184
98	Postprocessing correction for distortions in $T_2^*$ decay caused by quadratic cross-slice $B_0$ inhomogeneity. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 1258-1268.	3.0	35
99	Simulation and assessment of cerebrovascular damage in deep brain stimulation using a stereotactic atlas of vasculature and structure derived from multiple 3- and 7-tesla scans. <i>Journal of Neurosurgery</i> , 2010, 113, 1234-1241.	1.6	29
100	Ex Vivo Specimen FDG PET/CT Imaging for Oncology. <i>Radiology</i> , 2010, 255, 663-664.	7.3	6
101	$^{124}\text{I}$ -HuCC49 $\Delta$ CH2 for TAG-72 antigen-directed positron emission tomography (PET) imaging of LS174T colon adenocarcinoma tumor implants in xenograft mice: preliminary results. <i>World Journal of Surgical Oncology</i> , 2010, 8, 65.	1.9	16
102	Phase II Clinical Trial of Sorafenib in Metastatic Medullary Thyroid Cancer. <i>Journal of Clinical Oncology</i> , 2010, 28, 2323-2330.	1.6	355
103	Three-region MRI-based whole-body attenuation correction for automated PET reconstruction. <i>Nuclear Medicine and Biology</i> , 2010, 37, 227-235.	0.6	36
104	PET/CT imaging of clear cell renal cell carcinoma with $^{124}\text{I}$ labeled chimeric antibody. <i>Therapeutic Advances in Urology</i> , 2009, 1, 67-70.	2.0	8
105	New developments in imaging and functional biomarker technology for the assessment and management of cancer patients. <i>Expert Review of Medical Devices</i> , 2009, 6, 347-351.	2.8	3
106	Phase II Trial of Sorafenib in Metastatic Thyroid Cancer. <i>Journal of Clinical Oncology</i> , 2009, 27, 1675-1684.	1.6	513
107	7 Tesla MR imaging of the human eye in vivo. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 30, 924-932.	3.4	57
108	Visual Analysis of Brain Activity from fMRI Data. <i>Computer Graphics Forum</i> , 2009, 28, 903-910.	3.0	4



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109	Perioperative 18F-fluorodeoxyglucose-guided imaging using the becquerel as a quantitative measure for optimizing surgical resection in patients with advanced malignancy. American Journal of Surgery, 2009, 198, 834-840.	1.8	8
110	A comprehensive overview of radioguided surgery using gamma detection probe technology. World Journal of Surgical Oncology, 2009, 7, 11.	1.9	196
111	Predicting Control of Primary Tumor and Survival by DCE MRI During Early Therapy in Cervical Cancer. Investigative Radiology, 2009, 44, 343-350.	6.2	91
112	High Resolution Ultra High Field Magnetic Resonance Imaging of Glioma Microvasculature and Hypoxia Using Ultra-Small Particles of Iron Oxide. Investigative Radiology, 2009, 44, 375-383.	6.2	25
113	Nanoparticulate Iron Oxide Contrast Agents for Untargeted and Targeted Cardiovascular Magnetic Resonance Imaging. Current Nanoscience, 2009, 5, 88-102.	1.2	15
114	Comprehensive evaluation of occupational radiation exposure to intraoperative and perioperative personnel from 18F-FDG radioguided surgical procedures. European Journal of Nuclear Medicine and Molecular Imaging, 2008, 35, 2026-2034.	6.4	35
115	Non-invasive MRI tumor imaging and synergistic anticancer effect of HSP90 inhibitor and glycolysis inhibitor in RIP1-Tag2 transgenic pancreatic tumor model. Cancer Chemotherapy and Pharmacology, 2008, 62, 985-994.	2.3	32
116	Improving the pharmacokinetic parameter measurement in dynamic contrast-enhanced MRI by use of the arterial input function: Theory and clinical application. Magnetic Resonance in Medicine, 2008, 59, 1448-1456.	3.0	23
117	Pharmacokinetic Analysis of Malignant Pleural Mesothelioma-Initial Results of Tumor Microcirculation and its Correlation to Microvessel Density (CD-34). Academic Radiology, 2008, 15, 563-570.	2.5	44
118	Bringing advanced medical imaging into the operative arena could revolutionize the surgical care of cancer patients. Expert Review of Medical Devices, 2008, 5, 663-667.	2.8	19
119	Minimally invasive neuroradiologic model of preclinical transient middle cerebral artery occlusion in canines. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 14100-14105.	7.1	45
120	Synergistic Antipancreatic Tumor Effect by Simultaneously Targeting Hypoxic Cancer Cells With HSP90 Inhibitor and Glycolysis Inhibitor. Clinical Cancer Research, 2008, 14, 1831-1839.	7.0	75
121	Colorectal Liver Metastases: Contrast Agent Diffusion Coefficient for Quantification of Contrast Enhancement Heterogeneity at MR Imaging. Radiology, 2008, 248, 901-909.	7.3	19
122	Multispectral Co-Occurrence With Three Random Variables in Dynamic Contrast Enhanced Magnetic Resonance Imaging of Breast Cancer. IEEE Transactions on Medical Imaging, 2008, 27, 1425-1431.	8.9	10
123	Time-of-Flight Magnetic Resonance Angiography at 7 Tesla. Investigative Radiology, 2008, 43, 568-573.	6.2	77
124	Advances in Contrast Agent Development for CT/MRI. , 2008, , 316-321.		0
125	Evaluation of intraaxial enhancing brain tumors on magnetic resonance imaging: intraindividual crossover comparison of gadobenate dimeglumine and gadopentetate dimeglumine for visualization and assessment, and implications for surgical intervention. Journal of Neurosurgery, 2007, 106, 557-566.	1.6	40
126	Sonographic Assessment of Axillary Lymph Nodes After a Mammographically Recommended Breast Sonogram for Women 55 Years and Older: A Feasibility Study. Journal of Diagnostic Medical Sonography, 2007, 23, 263-271.	0.3	1



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127	Combined approach of perioperative 18F-FDG PET/CT imaging and intraoperative 18F-FDG handheld gamma probe detection for tumor localization and verification of complete tumor resection in breast cancer. <i>World Journal of Surgical Oncology</i> , 2007, 5, 143.	1.9	39
128	Combined use of preoperative 18F FDG-PET imaging and intraoperative gamma probe detection for accurate assessment of tumor recurrence in patients with colorectal cancer. <i>World Journal of Surgical Oncology</i> , 2007, 5, 80.	1.9	40
129	Parallel four-dimensional Haralick texture analysis for disk-resident image datasets. <i>Concurrency Computation Practice and Experience</i> , 2007, 19, 65-87.	2.2	2
130	Localization to atherosclerotic plaque and biodistribution of biochemically derivatized superparamagnetic iron oxide nanoparticles (SPIONs) contrast particles for magnetic resonance imaging (MRI). <i>Biomedical Microdevices</i> , 2007, 9, 719-727.	2.8	97
131	Contrast-Enhanced Magnetic Resonance Imaging of Central Nervous System Tumors. <i>Topics in Magnetic Resonance Imaging</i> , 2006, 17, 89-106.	1.2	56
132	Clinical Magnetic Resonance Imaging of Brain Tumors at Ultrahigh Field. <i>Topics in Magnetic Resonance Imaging</i> , 2006, 17, 53-61.	1.2	22
133	Assessment of Utilization and Pharmacovigilance Based on Spontaneous Adverse Event Reporting of Gadopentetate Dimeglumine as a Magnetic Resonance Contrast Agent After 45 Million Administrations and 15 Years of Clinical Use. <i>Investigative Radiology</i> , 2006, 41, 491-499.	6.2	62
134	Dynamic Contrast-Enhanced MRI of Malignant Pleural Mesothelioma. <i>Chest</i> , 2006, 129, 1570-1576.	0.8	78
135	Pharmacokinetic parameters as a potential predictor of response to pharmacotherapy in benign prostatic hyperplasia: a preclinical trial using dynamic contrast-enhanced MRI. <i>Magnetic Resonance Imaging</i> , 2006, 24, 721-725.	1.8	12
136	Delivery of gadolinium-labeled nanoparticles to the sentinel lymph node: Comparison of the sentinel node visualization and estimations of intra-nodal gadolinium concentration by the magnetic resonance imaging. <i>Journal of Controlled Release</i> , 2006, 111, 343-351.	9.9	142
137	Serial Therapy-Induced Changes in Tumor Shape in Cervical Cancer and Their Impact on Assessing Tumor Volume and Treatment Response. <i>American Journal of Roentgenology</i> , 2006, 187, 65-72.	2.2	64
138	Contrast Enhancement of Central Nervous System Lesions: Multicenter Intraindividual Crossover Comparative Study of Two MR Contrast Agents. <i>Radiology</i> , 2006, 240, 389-400.	7.3	83
139	Classification of Signal-Time Curves Obtained by Dynamic Magnetic Resonance Mammography. <i>Investigative Radiology</i> , 2005, 40, 442-447.	6.2	22
140	Assessing Prostate Volume by Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2005, 40, 243-248.	6.2	18
141	Comparison of Macromolecular Contrast Agents for Dynamic Micromagnetic Resonance Lymphangiography. <i>Academic Radiology</i> , 2005, 12, S51-S52.	2.5	0
142	Dosage determination of ultrasmall particles of iron oxide for the delineation of microvasculature in the Wistar rat brain. <i>Investigative Radiology</i> , 2005, 40, 655-60.	6.2	5
143	Primary and Secondary Brain Tumors at MR Imaging: Bicentric Intraindividual Crossover Comparison of Gadobenate Dimeglumine and Gadopentetate Dimeglumine. <i>Radiology</i> , 2004, 230, 55-64.	7.3	90
144	More on Pseudohypocalcemia and Gadolinium-Enhanced MRI. <i>New England Journal of Medicine</i> , 2004, 350, 87-88.	27.0	13

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