

Michael V Knopp

List of Publications by Year in descending order

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Version: 2024-02-01

211
papers

12,694
citations

30047

54
h-index

26591

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. | 0.8 | 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. | 0.9 | 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. | 1.3 | 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. | 1.6 | 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. | 0.9 | 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. | 0.6 | 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. | 0.6 | 0 |
| 8 | Precision Nuclear Medicine. <i>Radiologic Clinics of North America</i> , 2021, 59, 755-772. | 0.9 | 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. | 0.8 | 11 |
| 10 | Eccentric rehabilitation induces white matter plasticity and sensorimotor recovery in chronic spinal cord injury. <i>Experimental Neurology</i> , 2021, 346, 113853. | 2.0 | 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. | 1.2 | 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. | 0.6 | 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. | 0.7 | 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. | 1.9 | 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. | 0.6 | 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. | 0.6 | 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. | 2.1 | 2 |

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|----|---|-----|-----------|
| 19 | Prospective Tractography-Based Targeting for Improved Safety of Focused Ultrasound Thalamotomy. <i>Neurosurgery</i> , 2019, 84, 160-168. | 0.6 | 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. | 1.3 | 2 |
| 21 | Sparse Detector Configuration in SiPM Digital Photon Counting PET: a Feasibility Study. <i>Molecular Imaging and Biology</i> , 2019, 21, 447-453. | 1.3 | 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. | 1.7 | 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. | 0.6 | 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. | 1.7 | 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. | 1.0 | 1 |
| 26 | NCTN Assessment on Current Applications of Radiomics in Oncology. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 302-315. | 0.4 | 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. | 1.0 | 10 |
| 28 | Gadolinium Retention in the Brain. <i>Investigative Radiology</i> , 2019, 54, 466-467. | 3.5 | 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. | 0.6 | 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. | 1.2 | 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. | 1.9 | 82 |
| 33 | Development of an orthotopic canine prostate cancer model expressing human GRPr. <i>Prostate</i> , 2018, 78, 1111-1121. | 1.2 | 6 |
| 34 | Performance evaluation of the next generation solid-state digital photon counting PET/CT system. <i>EJNMMI Research</i> , 2018, 8, 97. | 1.1 | 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. | 0.3 | 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. | 0.7 | 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. | 0.6 | 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. | 1.0 | 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. | 0.5 | 11 |
| 40 | Perforator Phase Contrast Angiography of Deep Inferior Epigastric Perforators. <i>Investigative Radiology</i> , 2017, 52, 334-342. | 3.5 | 11 |
| 41 | Clinical feasibility of ⁹⁰ Y digital PET/CT for imaging microsphere biodistribution following radioembolization. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 1194-1197. | 3.3 | 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. | 1.2 | 11 |
| 43 | Feasibility of Na ¹⁸ 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. | 0.7 | 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. | 1.1 | 16 |
| 45 | Preclinical Multimodal Molecular Imaging Using ¹⁸ 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. | 0.7 | 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. | 2.3 | 13 |
| 47 | Advancing Precision Nuclear Medicine and Molecular Imaging for Lymphoma. <i>PET Clinics</i> , 2017, 12, 63-82. | 1.5 | 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. | 0.4 | 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. | 0.2 | 30 |
| 50 | ACL graft metabolic activity assessed by ¹⁸ F-FDG PET-MRI. <i>Knee</i> , 2017, 24, 792-797. | 0.8 | 13 |
| 51 | Improved Function After Deep Brain Stimulation for Chronic, Severe Traumatic Brain Injury. <i>Neurosurgery</i> , 2016, 79, 204-211. | 0.6 | 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. | 0.4 | 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. | 1.9 | 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. | 2.0 | 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. | 1.9 | 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. | 0.8 | 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. | 0.7 | 8 |
| 58 | 90Y Digital PET/CT Imaging Following Radioembolization. <i>Clinical Nuclear Medicine</i> , 2016, 41, 975-976. | 0.7 | 4 |
| 59 | Theranostic Imaging of Yttrium-90. <i>BioMed Research International</i> , 2015, 2015, 1-11. | 0.9 | 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. | 2.4 | 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. | 1.3 | 63 |
| 62 | Consensus recommendations for a standardized Brain Tumor Imaging Protocol in clinical trials. <i>Neuro-Oncology</i> , 2015, 17, 1188-98. | 0.6 | 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. | 1.9 | 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. | 0.9 | 7 |
| 65 | Improving Bladder Cancer Imaging Using 3-T Functional Dynamic Contrast-Enhanced Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2014, 49, 390-395. | 3.5 | 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. | 1.0 | 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. | 1.1 | 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. | 1.0 | 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. | 0.5 | 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. | 1.0 | 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. | 1.9 | 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. | 1.0 | 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. | 1.0 | 32 |
| 74 | RF-related heating assessment of extracranial neurosurgical implants at 7T. <i>Magnetic Resonance Imaging</i> , 2013, 31, 1029-1034. | 1.0 | 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. | 1.4 | 9 |
| 76 | Future vision for the quality assurance of oncology clinical trials. <i>Frontiers in Oncology</i> , 2013, 3, 31. | 1.3 | 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. | 0.4 | 37 |
| 78 | Quantification of the Human Cerebrovasculature. <i>Journal of Computer Assisted Tomography</i> , 2013, 37, 117-122. | 0.5 | 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. | 0.4 | 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. | 0.4 | 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. | 1.4 | 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. | 0.9 | 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. | 0.7 | 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. | 1.0 | 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. | 1.0 | 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. | 1.0 | 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. | 3.5 | 44 |
| 88 | Internet-Based Videoconferencing and Data Collaboration for the Imaging Community. <i>Journal of Computer Assisted Tomography</i> , 2011, 35, 753-761. | 0.5 | 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. | 0.8 | 20 |
| 90 | Amide proton transfer MR imaging of prostate cancer: A preliminary study. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 33, 647-654. | 1.9 | 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. | 1.0 | 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. | 1.0 | 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. | 0.3 | 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. | 0.4 | 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. | 3.5 | 14 |
| 97 | Imaging Cortical Lesions in Multiple Sclerosis With Ultra-High-Field Magnetic Resonance Imaging. <i>Archives of Neurology</i> , 2010, 67, 812-8. | 4.9 | 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. | 1.9 | 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. | 0.9 | 29 |
| 100 | Ex Vivo Specimen FDG PET/CT Imaging for Oncology. <i>Radiology</i> , 2010, 255, 663-664. | 3.6 | 6 |
| 101 | ^{124}I -HuCC49 Δ 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. | 0.8 | 16 |
| 102 | Phase II Clinical Trial of Sorafenib in Metastatic Medullary Thyroid Cancer. <i>Journal of Clinical Oncology</i> , 2010, 28, 2323-2330. | 0.8 | 355 |
| 103 | Three-region MRI-based whole-body attenuation correction for automated PET reconstruction. <i>Nuclear Medicine and Biology</i> , 2010, 37, 227-235. | 0.3 | 36 |
| 104 | PET/CT imaging of clear cell renal cell carcinoma with ^{124}I labeled chimeric antibody. <i>Therapeutic Advances in Urology</i> , 2009, 1, 67-70. | 0.9 | 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. | 1.4 | 3 |
| 106 | Phase II Trial of Sorafenib in Metastatic Thyroid Cancer. <i>Journal of Clinical Oncology</i> , 2009, 27, 1675-1684. | 0.8 | 513 |
| 107 | 7 Tesla MR imaging of the human eye in vivo. <i>Journal of Magnetic Resonance Imaging</i> , 2009, 30, 924-932. | 1.9 | 57 |
| 108 | Visual Analysis of Brain Activity from fMRI Data. <i>Computer Graphics Forum</i> , 2009, 28, 903-910. | 1.8 | 4 |

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|-----|--|-----|-----------|
| 109 | Perioperative 18F-fluorodeoxyglucoseâ€“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. | 0.9 | 8 |
| 110 | A comprehensive overview of radioguided surgery using gamma detection probe technology. World Journal of Surgical Oncology, 2009, 7, 11. | 0.8 | 196 |
| 111 | Predicting Control of Primary Tumor and Survival by DCE MRI During Early Therapy in Cervical Cancer. Investigative Radiology, 2009, 44, 343-350. | 3.5 | 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. | 3.5 | 25 |
| 113 | Nanoparticulate Iron Oxide Contrast Agents for Untargeted and Targeted Cardiovascular Magnetic Resonance Imaging. Current Nanoscience, 2009, 5, 88-102. | 0.7 | 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. | 3.3 | 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. | 1.1 | 32 |
| 116 | Improving the pharmacokinetic parameter measurement in dynamic contrastâ€“enhanced MRI by use of the arterial input function: Theory and clinical application. Magnetic Resonance in Medicine, 2008, 59, 1448-1456. | 1.9 | 23 |
| 117 | Pharmacokinetic Analysis of Malignant Pleural Mesotheliomaâ€“Initial Results of Tumor Microcirculation and its Correlation to Microvessel Density (CD-34). Academic Radiology, 2008, 15, 563-570. | 1.3 | 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. | 1.4 | 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. | 3.3 | 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. | 3.2 | 75 |
| 121 | Colorectal Liver Metastases: Contrast Agent Diffusion Coefficient for Quantification of Contrast Enhancement Heterogeneity at MR Imaging. Radiology, 2008, 248, 901-909. | 3.6 | 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. | 5.4 | 10 |
| 123 | Time-of-Flight Magnetic Resonance Angiography at 7 Tesla. Investigative Radiology, 2008, 43, 568-573. | 3.5 | 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. | 0.9 | 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. | 0.1 | 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. | 0.8 | 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. | 0.8 | 40 |
| 129 | Parallel four-dimensional Haralick texture analysis for disk-resident image datasets. <i>Concurrency Computation Practice and Experience</i> , 2007, 19, 65-87. | 1.4 | 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. | 1.4 | 97 |
| 131 | Contrast-Enhanced Magnetic Resonance Imaging of Central Nervous System Tumors. <i>Topics in Magnetic Resonance Imaging</i> , 2006, 17, 89-106. | 0.7 | 56 |
| 132 | Clinical Magnetic Resonance Imaging of Brain Tumors at Ultrahigh Field. <i>Topics in Magnetic Resonance Imaging</i> , 2006, 17, 53-61. | 0.7 | 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. | 3.5 | 62 |
| 134 | Dynamic Contrast-Enhanced MRI of Malignant Pleural Mesothelioma. <i>Chest</i> , 2006, 129, 1570-1576. | 0.4 | 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. | 1.0 | 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. | 4.8 | 142 |
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