

Miles A Kirchin

List of Publications by Year in descending order

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51
papers

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citations

172457

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189892

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citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate Differentiation of Focal Nodular Hyperplasia from Hepatic Adenoma at Gadobenate Dimeglumine-enhanced MR Imaging: Prospective Study. <i>Radiology</i> , 2005, 236, 166-177.	7.3	340
2	Gadobenate Dimeglumine (Gd-BOPTA). <i>Investigative Radiology</i> , 1998, 33, 798-809.	6.2	199
3	Safety, tolerance, biodistribution, and MR imaging enhancement of the liver with gadobenate dimeglumine: Results of clinical pharmacologic and pilot imaging studies in nonpatient and patient volunteers. <i>Academic Radiology</i> , 1999, 6, 282-291.	2.5	194
4	Focal Liver Lesions: Evaluation of the Efficacy of Gadobenate Dimeglumine in MR Imaging—A Multicenter Phase III Clinical Study. <i>Radiology</i> , 2000, 215, 727-736.	7.3	188
5	Contrast Agents for Magnetic Resonance Imaging. <i>Topics in Magnetic Resonance Imaging</i> , 2003, 14, 426-435.	1.2	155
6	Focal Nodular Hyperplasia: Morphologic and Functional Information from MR Imaging with Gadobenate Dimeglumine. <i>Radiology</i> , 2001, 221, 731-739.	7.3	139
7	Low-Dose Gadobenate Dimeglumine Versus Standard Dose Gadopentetate Dimeglumine for Contrast-Enhanced Magnetic Resonance Imaging of the Liver. <i>Investigative Radiology</i> , 2003, 38, 85-94.	6.2	100
8	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
9	Differences in gadolinium retention after repeated injections of macrocyclic MR contrast agents to rats. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 746-752.	3.4	90
10	Evaluation of the Accuracy of Gadobenate Dimeglumine-Enhanced MR Imaging in the Detection and Characterization of Focal Liver Lesions. <i>American Journal of Roentgenology</i> , 2000, 175, 1111-1120.	2.2	88
11	Contrast-enhanced MR angiography of the run-off vasculature: Intraindividual comparison of gadobenate dimeglumine with gadopentetate dimeglumine. <i>Journal of Magnetic Resonance Imaging</i> , 2003, 17, 694-702.	3.4	82
12	Safety assessment of gadobenate dimeglumine (MultiHance®): Extended clinical experience from phase I studies to post-marketing surveillance. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 14, 281-294.	3.4	81
13	Breast Lesion Detection and Characterization at Contrast-enhanced MR Mammography: Gadobenate Dimeglumine versus Gadopentetate Dimeglumine. <i>Radiology</i> , 2005, 237, 45-56.	7.3	80
14	Contrast-enhanced MR Angiography of the Renal Arteries: Blinded Multicenter Crossover Comparison of Gadobenate Dimeglumine and Gadopentetate Dimeglumine. <i>Radiology</i> , 2005, 234, 399-408.	7.3	80
15	Solid Hypervascular Liver Lesions. <i>Investigative Radiology</i> , 2011, 46, 225-239.	6.2	74
16	MultiHance clinical pharmacology: Biodistribution and MR enhancement of the liver. <i>Academic Radiology</i> , 1998, 5, S86-S89.	2.5	72
17	Gadobenate Dimeglumine-Enhanced MRI of the Breast: Analysis of Dose Response and Comparison with Gadopentetate Dimeglumine. <i>American Journal of Roentgenology</i> , 2003, 181, 663-676.	2.2	68
18	Detection of Intracranial Metastases. <i>Investigative Radiology</i> , 2001, 36, 72-81.	6.2	62

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19	Low-Dose Multidetector CT Angiography in the Evaluation of Infrarenal Aorta and Peripheral Arterial Occlusive Disease. <i>Radiology</i> , 2012, 263, 287-298.	7.3	56
20	Prospective Cohort Study of Nephrogenic Systemic Fibrosis in Patients With Stage 3-5 Chronic Kidney Disease Undergoing MRI With Injected Gadobenate Dimeglumine or Gadoteridol. <i>American Journal of Roentgenology</i> , 2015, 205, 469-478.	2.2	53
21	Intraindividual Comparison of Gadobenate Dimeglumine and Gadobutrol for Cerebral Magnetic Resonance Perfusion Imaging at 1.5 T. <i>Investigative Radiology</i> , 2006, 41, 256-263.	6.2	52
22	Gadobenate dimeglumine-enhanced magnetic resonance imaging of intracranial metastases: Effect of dose on lesion detection and delineation. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 14, 525-539.	3.4	46
23	Low radiation dose in computed tomography: the role of iodine. <i>British Journal of Radiology</i> , 2017, 90, 20170079.	2.2	46
24	Safety characteristics of gadobenate dimeglumine: Clinical experience from intra- and interindividual comparison studies with gadopentetate dimeglumine. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 24, 1378-1385.	3.4	43
25	Contrast-Enhanced MR Mammography: Improved Lesion Detection and Differentiation with Gadobenate Dimeglumine. <i>American Journal of Roentgenology</i> , 2008, 191, 1339-1346.	2.2	43
26	Multicenter, Double-Blind, Randomized, Intraindividual Crossover Comparison of Gadobenate Dimeglumine and Gadopentetate Dimeglumine for MR Angiography of Peripheral Arteries. <i>Radiology</i> , 2010, 255, 988-1000.	7.3	42
27	Comparison of gadobenate dimeglumine (Gd-BOPTA) with gadopentetate dimeglumine (Gd-DTPA) for enhanced MR imaging of brain and spine tumours in children. <i>Pediatric Radiology</i> , 2005, 35, 501-510.	2.0	40
28	Pharmacokinetics and Safety of Gadobenate Dimeglumine (MultiHance) in Subjects With Impaired Liver Function. <i>Investigative Radiology</i> , 2002, 37, 299-308.	6.2	30
29	Safety and adverse effects during 24 hours after contrast-enhanced MRI with gadobenate dimeglumine (MultiHance [®]) in children. <i>Pediatric Radiology</i> , 2013, 43, 202-211.	2.0	30
30	Macrocyclic MR contrast agents: evaluation of multiple-organ gadolinium retention in healthy rats. <i>Insights Into Imaging</i> , 2020, 11, 11.	3.4	30
31	Phase III, randomized, double-blind, cross-over comparison of gadoteridol and gadopentetate dimeglumine in magnetic resonance imaging of patients with intracranial lesions. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2001, 45, 457-463.	0.6	29
32	Gadobenate Dimeglumine as a Contrast Agent for Dynamic Breast Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 2008, 43, 236-242.	6.2	27
33	Intra-individual Crossover Comparison of Gadobenate Dimeglumine and Gadopentetate Dimeglumine for Contrast-Enhanced Magnetic Resonance Angiography of the Supraaortic Vessels at 3 Tesla. <i>Investigative Radiology</i> , 2008, 43, 695-702.	6.2	27
34	Enhancing Lesions of the Brain. <i>Academic Radiology</i> , 2006, 13, 744-751.	2.5	26
35	Diagnostic Performance of Gadobenate Dimeglumine-Enhanced MR Angiography of the Iliofemoral and Calf Arteries: A Large-Scale Multicenter Trial. <i>American Journal of Roentgenology</i> , 2007, 189, 1223-1237.	2.2	24
36	High-Resolution Steady State Magnetic Resonance Angiography of the Carotid Arteries: Are Intravascular Agents Necessary?. <i>Investigative Radiology</i> , 2009, 44, 784-792.	6.2	23

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37	Solid Focal Liver Lesions: Dynamic and Late Enhancement Patterns with the Dual Phase Contrast Agent Gadobenate Dimeglumine. <i>Journal of Gastrointestinal Cancer</i> , 2010, 41, 221-232.	1.3	22
38	Lowering Radiation Exposure in CT Angiography Using Automated Tube Potential Selection and Optimized Iodine Delivery Rate. <i>American Journal of Roentgenology</i> , 2013, 200, W628-W634.	2.2	22
39	The Benefits of High Relaxivity for Brain Tumor Imaging: Results of a Multicenter Intraindividual Crossover Comparison of Gadobenate Dimeglumine with Gadoterate Meglumine (The BENEFIT Study). <i>American Journal of Neuroradiology</i> , 2015, 36, 1589-1598.	2.4	21
40	Gadobenate dimeglumine-enhanced MR angiography: Diagnostic performance of four doses for detection and grading of carotid, renal, and aortoiliac stenoses compared to digital subtraction angiography. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 26, 1020-1032.	3.4	19
41	Non-clinical assessment of safety and gadolinium deposition after cumulative administration of gadobenate dimeglumine (MultiHance Å®) to neonatal and juvenile rats. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 92, 268-277.	2.7	16
42	Contrast-enhanced MRA of the renal and aorto-iliac-femoral arteries: Comparison of gadobenate dimeglumine and gadofosveset trisodium. <i>European Journal of Radiology</i> , 2011, 77, 358-368.	2.6	10
43	Gadobenate Dimeglumine (Multihance) in Mr Angiography: An In-Vitro Phantom Comparison with Gadopentetate Dimeglumine (Magnevist) at Different Concentrations. <i>Acta Radiologica</i> , 2012, 53, 1112-1117.	1.1	8
44	Gadolinium Clearance in the First 5 Weeks After Repeated Intravenous Administration of Gadoteridol, Gadoterate Meglumine, and Gadobutrol to rats. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 1636-1644.	3.4	8
45	Interaction of macrocyclic gadolinium-based MR contrast agents with Type I collagen. Equilibrium and kinetic studies. <i>Dalton Transactions</i> , 2020, 49, 14863-14870.	3.3	7
46	Low-dose gadobenate dimeglumine-enhanced MRI of the kidney for the differential diagnosis of localized renal lesions. <i>Radiologia Medica</i> , 2015, 120, 1100-1111.	7.7	6
47	Gadolinium retention and clearance after administration of macrocyclic magnetic resonance contrast agents to rats. <i>Pediatric Radiology</i> , 2019, 49, 1110-1111.	2.0	6
48	Improving lesion detection and visualization: implications for neurosurgical planning and follow-up. <i>Neuroradiology</i> , 2007, 49, S27-S34.	2.2	4
49	Pharmacokinetics of gadobenate dimeglumine in children 2 to 5 years of age undergoing MRI of the central nervous system. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 1096-1103.	3.4	3
50	Dose Lowering in Contrast-Enhanced MRI of the Central Nervous System: A Retrospective, Parallel-Group Comparison Using Gadobenate Dimeglumine. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 1660-1675.	3.4	3
51	The TRUTH confirmed: validation of an intraindividual comparison of gadobutrol and gadoteridol for imaging of glioblastoma using quantitative enhancement analysis. <i>European Radiology Experimental</i> , 2021, 5, 46.	3.4	0