

Frank G Shellock

List of Publications by Year in descending order

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171
papers

9,238
citations

44069

48
h-index

43889

91
g-index

178
all docs

178
docs citations

178
times ranked

6494
citing authors

#	ARTICLE	IF	CITATIONS
1	Gadolinium deposition in the brain: summary of evidence and recommendations. <i>Lancet Neurology</i> , The, 2017, 16, 564-570.	10.2	600
2	MR Procedures: Biologic Effects, Safety, and Patient Care. <i>Radiology</i> , 2004, 232, 635-652.	7.3	501
3	Magnetic resonance imaging and cardiac pacemaker safety at 1.5-Tesla. <i>Journal of the American College of Cardiology</i> , 2004, 43, 1315-1324.	2.8	387
4	Patellofemoral Kinematics During Weight-Bearing and Non-Weight-Bearing Knee Extension in Persons With Lateral Subluxation of the Patella: A Preliminary Study. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2003, 33, 677-685.	3.5	302
5	Safety of magnetic resonance imaging contrast agents. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 10, 477-484.	3.4	298
6	Radiofrequency Energy-Induced Heating During MR Procedures: A Review. <i>Journal of Magnetic Resonance Imaging</i> , 2000, 12, 30-36.	3.4	290
7	Neurostimulation systems for deep brain stimulation: In vitro evaluation of magnetic resonance imaging-related heating at 1.5 tesla. <i>Journal of Magnetic Resonance Imaging</i> , 2002, 15, 241-250.	3.4	262
8	Permanent Neurological Deficit Related to Magnetic Resonance Imaging in a Patient with Implanted Deep Brain Stimulation Electrodes for Parkinson's Disease: Case Report. <i>Neurosurgery</i> , 2005, 57, E1063-E1063.	1.1	253
9	Policies, guidelines, and recommendations for MR imaging safety and patient management. <i>Journal of Magnetic Resonance Imaging</i> , 1991, 1, 97-101.	3.4	220
10	Evaluation of specific absorption rate as a dosimeter of MRI-related implant heating. <i>Journal of Magnetic Resonance Imaging</i> , 2004, 20, 315-320.	3.4	204
11	Magnetic resonance safety update 2002: Implants and devices. <i>Journal of Magnetic Resonance Imaging</i> , 2002, 16, 485-496.	3.4	195
12	Biomedical implants and devices: Assessment of magnetic field interactions with a 3.0-Tesla MR system. <i>Journal of Magnetic Resonance Imaging</i> , 2002, 16, 721-732.	3.4	190
13	MRI Safety Update 2008: Part 1, MRI Contrast Agents and Nephrogenic Systemic Fibrosis. <i>American Journal of Roentgenology</i> , 2008, 191, 1129-1139.	2.2	187
14	Policies, guidelines, and recommendations for MR imaging safety and patient management. <i>Journal of Magnetic Resonance Imaging</i> , 1992, 2, 247-248.	3.4	182
15	Auditory Noise Associated With MR Procedures: A Review. <i>Journal of Magnetic Resonance Imaging</i> , 2000, 12, 37-45.	3.4	180
16	Neurostimulation System Used for Deep Brain Stimulation (DBS). <i>Investigative Radiology</i> , 2004, 39, 300-303.	6.2	177
17	MR Labeling Information for Implants and Devices: Explanation of Terminology. <i>Radiology</i> , 2009, 253, 26-30.	7.3	161
18	MRI Safety Update 2008: Part 2, Screening Patients for MRI. <i>American Journal of Roentgenology</i> , 2008, 191, 1140-1149.	2.2	134

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19	Quantification of patellar tracking using kinematic MRI. Journal of Magnetic Resonance Imaging, 1998, 8, 724-732.	3.4	129
20	Pre-MRI Procedure Screening: Recommendations and Safety Considerations for Biomedical Implants and Devices. Journal of Magnetic Resonance Imaging, 2000, 12, 92-106.	3.4	116
21	MR imaging and metallic implants for anterior cruciate ligament reconstruction: Assessment of ferromagnetism and artifact. Journal of Magnetic Resonance Imaging, 1992, 2, 225-228.	3.4	105
22	MR imaging-related heating of deep brain stimulation electrodes: in vitro study. American Journal of Neuroradiology, 2002, 23, 1795-802.	2.4	98
23	Is Magnetic Resonance Imaging Safe for Patients with Neurostimulation Systems Used for Deep Brain Stimulation?. Neurosurgery, 2005, 57, 1056-1062.	1.1	96
24	Magnetic resonance imaging in patients with cardiac pacemakers: era of "MR Conditional" designs. Journal of Cardiovascular Magnetic Resonance, 2011, 13, 63.	3.3	89
25	Cardiac Pacemakers, Icds, And Loop Recorder: Evaluation Of Translational Attraction Using Conventional (â€œLong-boreâ€) And â€œShort-boreâ€•1.5- And 3.0-Tesla Mr Systems. Journal of Cardiovascular Magnetic Resonance, 2003, 5, 387-397.	3.3	84
26	Magnetic resonance imaging and permanent cosmetics (tattoos): Survey of complications and adverse events. Journal of Magnetic Resonance Imaging, 2002, 15, 180-184.	3.4	82
27	Evaluation of patients with persistent symptoms after lateral retinacular release by kinematic magnetic resonance imaging of the patellofemoral joint. Arthroscopy - Journal of Arthroscopic and Related Surgery, 1990, 6, 226-234.	2.7	81
28	Prosthetic heart valves: Evaluation of magnetic field interactions, heating, and artifacts at 1.5 T. Journal of Magnetic Resonance Imaging, 2000, 12, 363-369.	3.4	77
29	MR Safety and the American College of Radiology White Paper. American Journal of Roentgenology, 2002, 178, 1349-1352.	2.2	76
30	Metallic neurosurgical implants: Evaluation of magnetic field interactions, heating, and artifacts at 1.5-Tesla. Journal of Magnetic Resonance Imaging, 2001, 14, 295-299.	3.4	74
31	Determination of gradient magnetic field-induced acoustic noise associated with the use of echo planar and three-dimensional, fast spin echo techniques. Journal of Magnetic Resonance Imaging, 1998, 8, 1154-1157.	3.4	73
32	Neurostimulation systems: Assessment of magnetic field interactions associated with 1.5- and 3-Tesla MR systems. Journal of Magnetic Resonance Imaging, 2005, 21, 72-77.	3.4	66
33	Magnetic Resonance Imaging Safety: Implications for Cardiovascular Patients. Journal of Cardiovascular Magnetic Resonance, 2001, 3, 171-182.	3.3	65
34	Reduction of Magnetic Resonance Imaging-related Heating in Deep Brain Stimulation Leads Using a Lead Management Device. Operative Neurosurgery, 2005, 57, ÖNS-392-ÖNS-397.	0.8	65
35	ACR guidance document on MR safe practices: Updates and critical information 2019. Journal of Magnetic Resonance Imaging, 2020, 51, 331-338.	3.4	61
36	Alterations in body and skin temperatures caused by magnetic resonance imaging: is the recommended exposure for radiofrequency radiation too conservative?. British Journal of Radiology, 1989, 62, 904-909.	2.2	60

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37	Safety Considerations of 7-T MRI in Clinical Practice. <i>Radiology</i> , 2019, 292, 509-518.	7.3	60
38	MRI issues for ballistic objects: information obtained at 1.5-, 3- and 7-Tesla. <i>Spine Journal</i> , 2013, 13, 815-822.	1.3	58
39	Evaluation of the rotator cuff and glenoid labrum using a 0.2-Tesla extremity magnetic resonance (MR) system: MR results compared to surgical findings. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 14, 763-770.	3.4	57
40	Computational and experimental studies of an orthopedic implant: MRI-related heating at 1.5T/64MHz and 3T/128MHz. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 491-497.	3.4	57
41	Safety of Gadobenate Dimeglumine (MultiHance). <i>Investigative Radiology</i> , 2006, 41, 500-509.	6.2	55
42	Ex vivo evaluation of ferromagnetism, heating, and artifacts produced by heart valve prostheses exposed to a 1.5-T MR system. <i>Journal of Magnetic Resonance Imaging</i> , 1994, 4, 756-758.	3.4	52
43	Prosthetic Heart Valves and Annuloplasty Rings: Assessment of Magnetic Field Interactions, Heating, and Artifacts at 1.5 Tesla. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2001, 3, 317-324.	3.3	52
44	MR in Patients with Pacemakers and ICDs: Defining the Issues. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2007, 9, 5-13.	3.3	52
45	Assessment of MRI Issues at 7 T for 28 Implants and Other Objects. <i>American Journal of Roentgenology</i> , 2014, 202, 401-405.	2.2	52
46	Exertional muscle injuries. <i>Topics in Magnetic Resonance Imaging</i> , 1991, 3, 50-70.	1.2	51
47	Simple design changes to wires to substantially reduce MRI-induced heating at 1.5 T: implications for implanted leads. <i>Magnetic Resonance Imaging</i> , 2005, 23, 887-891.	1.8	50
48	Bilateral neurostimulation systems used for deep brain stimulation: in vitro study of MRI-related heating at 1.5 T and implications for clinical imaging of the brain. <i>Magnetic Resonance Imaging</i> , 2005, 23, 549-555.	1.8	49
49	Drug Eluting Coronary Stent: In Vitro Evaluation of Magnet Resonance Safety at 3 Tesla. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2005, 7, 415-419.	3.3	49
50	Peroneal tendons: Use of kinematic MR imaging of the ankle to determine subluxation. <i>Journal of Magnetic Resonance Imaging</i> , 1997, 7, 451-454.	3.4	48
51	Regarding the Value Reported for the Term "Spatial Gradient Magnetic Field" and How This Information Is Applied to Labeling of Medical Implants and Devices. <i>American Journal of Roentgenology</i> , 2011, 196, 142-145.	2.2	47
52	Guidelines and recommendations for MR imaging safety and patient management III. Questionnaire for screening patients before MR procedures. <i>Journal of Magnetic Resonance Imaging</i> , 1994, 4, 749-751.	3.4	46
53	Assessment of MRI issues at 3-Tesla for metallic surgical implants: findings applied to 61 additional skin closure staples and vessel ligation clips. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2012, 14, 2.	3.3	46
54	Burns associated with the use of monitoring equipment during MR procedures. <i>Journal of Magnetic Resonance Imaging</i> , 1996, 6, 271-272.	3.4	44

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55	8.0-Tesla human MR system: Temperature changes associated with radiofrequency-induced heating of a head phantom. <i>Journal of Magnetic Resonance Imaging</i> , 2003, 17, 220-226.	3.4	44
56	Effect of bracing on patellar kinematics in patients with patellofemoral joint pain. <i>Medicine and Science in Sports and Exercise</i> , 1999, 31, 1714.	0.4	44
57	Radiofrequency Energy-Induced Heating of Bovine Articular Cartilage Using a Bipolar Radiofrequency Electrode. <i>American Journal of Sports Medicine</i> , 2000, 28, 720-724.	4.2	43
58	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
59	Aneurysm Clips: Evaluation of Magnetic Field Interactions With an 8.0 T MR System. <i>Journal of Magnetic Resonance Imaging</i> , 2000, 12, 107-111.	3.4	42
60	Cardiac Pacemakers and Implantable Cardioverter Defibrillators: In Vitro Magnetic Resonance Imaging Evaluation at 1.5-Tesla. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2007, 9, 21-31.	3.3	42
61	MRI Information for Commonly Used Otologic Implants: Review and Update. <i>Otolaryngology - Head and Neck Surgery</i> , 2014, 150, 512-519.	1.9	42
62	Cardiovascular catheters and accessories: Ex vivo testing of ferromagnetism, heating, and artifacts associated with MRI. <i>Journal of Magnetic Resonance Imaging</i> , 1998, 8, 1338-1342.	3.4	41
63	Assessment of patellofemoral relationships using kinematic MRI: Comparison between qualitative and quantitative methods. <i>Journal of Magnetic Resonance Imaging</i> , 2002, 16, 69-74.	3.4	41
64	Cardiac pacemaker: In vitro assessment at 1.5 T. <i>American Heart Journal</i> , 2006, 151, 436-443.	2.7	41
65	Ex vivo evaluation of ferromagnetism and artifacts of cardiac occluders exposed to a 1.5-T MR system. <i>Journal of Magnetic Resonance Imaging</i> , 1994, 4, 213-215.	3.4	40
66	Effect of a patellar realignment brace on patellofemoral relationships: Evaluation with kinematic MR imaging. <i>Journal of Magnetic Resonance Imaging</i> , 1994, 4, 590-594.	3.4	39
67	Assessment of the rotator cuff and glenoid labrum using an extremity MR system: MR results compared to surgical findings from a multi-center study. <i>Journal of Magnetic Resonance Imaging</i> , 2004, 19, 623-631.	3.4	39
68	Effect of a 1.5 T static magnetic field on body temperature of man. <i>Magnetic Resonance in Medicine</i> , 1986, 3, 644-647.	3.0	37
69	MR imaging of temporomandibular joint abnormalities associated with cervical hyperextension/hyperflexion (Whiplash) injuries. <i>Journal of Magnetic Resonance Imaging</i> , 1992, 2, 569-574.	3.4	37
70	Assessment of MRI issues for the Argus II Retinal Prosthesis. <i>Magnetic Resonance Imaging</i> , 2012, 30, 382-389.	1.8	35
71	Temperature changes associated with radiofrequency energy-induced heating of bovine capsular tissue: Evaluation of bipolar RF electrodes. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2000, 16, 348-358.	2.7	34
72	Exposure to a 1.5-T static magnetic field does not alter body and skin temperatures in man. <i>Magnetic Resonance in Medicine</i> , 1989, 11, 371-375.	3.0	33

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73	Magnetic resonance safety testing of a newly-developed fiber-optic cardiac pacing lead. <i>Journal of Magnetic Resonance Imaging</i> , 2002, 16, 97-103.	3.4	33
74	Implantable Microstimulator: Magnetic Resonance Safety at 1.5 Tesla. <i>Investigative Radiology</i> , 2004, 39, 591-599.	6.2	33
75	Vagus Nerve Stimulation Therapy System: In Vitro Evaluation of Magnetic Resonance Imaging-Related Heating and Function at 1.5 and 3 Tesla. <i>Neuromodulation</i> , 2006, 9, 204-213.	0.8	33
76	Aneurysm clips: evaluation of magnetic field interactions and translational attraction by use of "long-bore" and "short-bore" 3.0-T MR imaging systems. <i>American Journal of Neuroradiology</i> , 2003, 24, 463-71.	2.4	32
77	Aneurysm Clips: Effects of Long-term and Multiple Exposures to a 1.5-T MR System. <i>Radiology</i> , 1999, 210, 563-565.	7.3	31
78	Sedation, anesthesia, and physiologic monitoring during MR imaging: Evaluation of procedures and equipment. <i>Journal of Magnetic Resonance Imaging</i> , 1993, 3, 553-558.	3.4	30
79	Neurostimulators: Potential for excessive heating of deep brain stimulation electrodes during magnetic resonance imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 14, 488-489.	3.4	30
80	Detachable coil for cerebral aneurysms: in vitro evaluation of magnetic field interactions, heating, and artifacts at 3T. <i>American Journal of Neuroradiology</i> , 2005, 26, 363-6.	2.4	30
81	Implantable spinal fusion stimulator: Assessment of MR safety and artifacts. <i>Journal of Magnetic Resonance Imaging</i> , 2000, 12, 214-223.	3.4	29
82	Metallic surgical instruments for interventional MRI procedures: Evaluation of MR safety. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 13, 152-157.	3.4	29
83	Effects of coil dimensions and field polarization on RF heating inside a head phantom. <i>Magnetic Resonance Imaging</i> , 2005, 23, 53-60.	1.8	29
84	Vascular access ports and catheters: Ex vivo testing of ferromagnetism, heating, and artifacts associated with MR imaging. <i>Magnetic Resonance Imaging</i> , 1996, 14, 443-447.	1.8	28
85	Magnetically programmable shunt valve: MRI at 3-Tesla. <i>Magnetic Resonance Imaging</i> , 2007, 25, 1116-1121.	1.8	27
86	Short-term exposure to a 1.5 Tesla static magnetic field does not affect somato-sensory-evoked potentials in man. <i>Magnetic Resonance Imaging</i> , 1990, 8, 65-69.	1.8	26
87	Septal repair implants: evaluation of magnetic resonance imaging safety at 3 T. <i>Magnetic Resonance Imaging</i> , 2005, 23, 1021-1025.	1.8	26
88	Comments on MR heating tests of critical implants. <i>Journal of Magnetic Resonance Imaging</i> , 2007, 26, 1182-1185.	3.4	26
89	Detection of Implants and Other Objects Using a Ferromagnetic Detection System: Implications for Patient Screening Before MRI. <i>American Journal of Roentgenology</i> , 2013, 201, 720-725.	2.2	26
90	Thermal Responses in Human Subjects Exposed to Magnetic Resonance Imaging. <i>Annals of the New York Academy of Sciences</i> , 1992, 649, 260-272.	3.8	25

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91	Development and clinical application of kinematic MRI of the patellofemoral joint using an extremity MR system. <i>Medicine and Science in Sports and Exercise</i> , 1999, 31, 788-791.	0.4	25
92	Magnetic resonance imaging evaluation of muscle usage associated with three exercises for rotator cuff rehabilitation. <i>Medicine and Science in Sports and Exercise</i> , 1999, 31, 1361.	0.4	25
93	Biopsy needles and devices: Assessment of ferromagnetism and artifacts during exposure to a 1.5-T MR system. <i>Journal of Magnetic Resonance Imaging</i> , 1995, 5, 369-372.	3.4	24
94	The effect of mechanical deformation on magnetic properties and MRI artifacts of type 304 and type 316L stainless steel. <i>Journal of Magnetic Resonance Imaging</i> , 1997, 7, 1170-1173.	3.4	24
95	MR imaging and cervical fixation devices: Evaluation of ferromagnetism, heating, and artifacts at 1.5 tesla. <i>Magnetic Resonance Imaging</i> , 1996, 14, 1093-1098.	1.8	23
96	Functional Assessment of the Joints Using Kinematic Magnetic Resonance Imaging. <i>Seminars in Musculoskeletal Radiology</i> , 2003, 7, 249-276.	0.7	23
97	Programmable Infusion Pump and Catheter: Evaluation Using 3-Tesla Magnetic Resonance Imaging. <i>Neuromodulation</i> , 2008, 11, 163-170.	0.8	22
98	In Vitro Magnetic Resonance Imaging Evaluation of Fragmented, Open-Coil, Percutaneous Peripheral Nerve Stimulation Leads. <i>Neuromodulation</i> , 2018, 21, 276-283.	0.8	20
99	Hr imaging and vascular access ports: Ex vivo evaluation of ferromagnetism, heating, and artifacts at 1.5 t. <i>Journal of Magnetic Resonance Imaging</i> , 1995, 5, 481-484.	3.4	19
100	Ceramic surgical instruments: Ex vivo evaluation of compatibility with MR imaging at 1.5 T. <i>Journal of Magnetic Resonance Imaging</i> , 1996, 6, 954-956.	3.4	19
101	Pre-MRI procedure screening: recommendations and safety considerations for biomedical implants and devices. <i>Journal of Magnetic Resonance Imaging</i> , 2000, 12, 510-510.	3.4	19
102	MR Imaging and Electronically Activated Devices. <i>Radiology</i> , 2001, 219, 294-295.	7.3	19
103	Assessment of MRI Issues for a 3-T α -Immune α -Programmable CSF Shunt Valve. <i>American Journal of Roentgenology</i> , 2011, 197, 202-207.	2.2	19
104	Standardized MR Terminology and Reporting of Implants and Devices as Recommended by the American College of Radiology Subcommittee on MR Safety. <i>Radiology</i> , 2015, 274, 866-870.	7.3	19
105	Ex Vivo Evaluation of Ferromagnetism, Heating, and Artifacts of Breast Tissue Expanders Exposed to a 1.5-T MR System. <i>Journal of Magnetic Resonance Imaging</i> , 1995, 5, 614-616.	3.4	18
106	New Metallic Implant Used for Permanent Contraception in Women: Evaluation of MR Safety. <i>American Journal of Roentgenology</i> , 2002, 178, 1513-1516.	2.2	18
107	Ironman triathletes: MRI assessment of the shoulder. <i>Skeletal Radiology</i> , 2008, 37, 737-741.	2.0	18
108	α MR-Conditional α -Pacemakers: The Radiologist's Role in Multidisciplinary Management. <i>American Journal of Roentgenology</i> , 2011, 197, W457-W459.	2.2	18

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109	Evaluation of MRI issues at 3-Tesla for a transcatheter aortic valve replacement (TAVR) bioprosthesis. <i>Magnetic Resonance Imaging</i> , 2015, 33, 497-501.	1.8	18
110	Radiofrequency energy-induced heating of bovine capsular tissue. <i>Arthroscopy - Journal of Arthroscopic and Related Surgery</i> , 2001, 17, 124-131.	2.7	17
111	Armor-Piercing Bullet: 3-T MRI Findings and Identification by a Ferromagnetic Detection System. <i>Military Medicine</i> , 2013, 178, e380-e385.	0.8	17
112	Evaluation of Magnetic Resonance Imaging Issues for a Wirelessly Powered Lead Used for Epidural, Spinal Cord Stimulation. <i>Neuromodulation</i> , 2014, 17, 334-339.	0.8	17
113	Extrusion of Eye socket magnetic implant after MR imaging: Potential hazard to patient with eye prosthesis. <i>Journal of Magnetic Resonance Imaging</i> , 1991, 1, 711-713.	3.4	16
114	Dynamic study of the upper airway with ultrafast spoiled GRASS MR imaging. <i>Journal of Magnetic Resonance Imaging</i> , 1992, 2, 103-107.	3.4	16
115	Knees of ironman triathletes: Magnetic resonance imaging assessment of older (>35 years old) competitors. <i>Journal of Magnetic Resonance Imaging</i> , 2003, 17, 122-130.	3.4	16
116	Evaluation of MRI issues for a new neurological implant, the Sensor Reservoir. <i>Magnetic Resonance Imaging</i> , 2013, 31, 1245-1250.	1.8	16
117	Evaluation of MRI issues for an access port with a Radiofrequency Identification (RFID) tag. <i>Magnetic Resonance Imaging</i> , 2013, 31, 1439-1444.	1.8	16
118	Reconsidering the "MR Unsafe" breast tissue expander with magnetic infusion port: A case report and literature review. <i>Archives of Plastic Surgery</i> , 2019, 46, 375-380.	0.9	14
119	Radiofrequency energy induced heating of bovine articular cartilage: comparison between temperature-controlled, monopolar, and bipolar systems. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2001, 9, 392-397.	4.2	13
120	Sustained benefits of oral pentaerythritol tetranitrate on ventricular function in chronic congestive heart failure. <i>Clinical Pharmacology and Therapeutics</i> , 1980, 28, 436-440.	4.7	12
121	Phantom limb pain induced in amputee by strong magnetic fields. <i>Journal of Magnetic Resonance Imaging</i> , 1992, 2, 221-223.	3.4	12
122	Evaluation of MRI artifacts at 3 Tesla for 38 commonly used cosmetics. <i>Magnetic Resonance Imaging</i> , 2013, 31, 778-782.	1.8	12
123	Evaluation of magnetic resonance imaging issues for implantable microfabricated magnetic actuators. <i>Biomedical Microdevices</i> , 2014, 16, 153-161.	2.8	12
124	Letters to the Editor. <i>American Journal of Sports Medicine</i> , 2000, 28, 131-133.	4.2	11
125	In Vitro Magnetic Resonance Imaging Evaluation of Ossicular Implants at 3 T. <i>Otology and Neurotology</i> , 2012, 33, 871-877.	1.3	11
126	MR Imaging in Patients With Pacemakers and Other Devices. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, 332-333.	5.3	11

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127	MRI INTERACTION WITH TATTOO PIGMENTS. <i>Plastic and Reconstructive Surgery</i> , 1998, 101, 1150.	1.4	11
128	MRI of cervical fixation devices: Sensation of heating caused by vibration of metallic components. <i>Journal of Magnetic Resonance Imaging</i> , 1997, 7, 771-772.	3.4	10
129	A next-generation, flow-diverting implant used to treat brain aneurysms: in vitro evaluation of magnetic field interactions, heating and artifacts at 3-T. <i>Magnetic Resonance Imaging</i> , 2013, 31, 145-149.	1.8	10
130	Thermal responses to different levels of radiofrequency power deposition during clinical magnetic resonance imaging at 1.5 Tesla. <i>Magnetic Resonance Imaging</i> , 1986, 4, 94.	1.8	9
131	Screening adolescents for metallic foreign bodies before MR procedures. <i>Journal of Magnetic Resonance Imaging</i> , 1995, 5, 784-785.	3.4	9
132	In Vitro Assessment of a Fiducial Marker for Lung Lesions: MRI Issues at 3 T. <i>American Journal of Roentgenology</i> , 2013, 200, 1234-1237.	2.2	9
133	In vitro assessment of MRI issues at 3-Tesla for a breast tissue expander with a remote port. <i>Magnetic Resonance Imaging</i> , 2014, 32, 297-302.	1.8	9
134	Breast Tissue Expander With Radiofrequency Identification Port: Assessment of MRI Issues. <i>American Journal of Roentgenology</i> , 2020, 215, 159-164.	2.2	9
135	Low-Intensity Focused Ultrasound Pulsation Device Used During Magnetic Resonance Imaging: Evaluation of Magnetic Resonance Imaging-Related Heating at 3 Tesla/128 MHz. <i>Neuromodulation</i> , 2014, 17, 236-241.	0.8	8
136	In vitro assessment of 3-T MRI issues for a bioabsorbable, coronary artery scaffold with metallic markers. <i>Magnetic Resonance Imaging</i> , 2014, 32, 163-167.	1.8	8
137	In-office MR imaging. <i>Clinics in Sports Medicine</i> , 2002, 21, 261-287.	1.8	7
138	Cervical External Immobilization Devices. <i>Spine</i> , 2010, 35, 411-415.	2.0	7
139	Undisclosed and undetected foreign bodies during MRI screening resulting in a potentially serious outcome. <i>Magnetic Resonance Imaging</i> , 2013, 31, 630-633.	1.8	7
140	Metallic clips used for scleral buckling: Ex vivo evaluation of ferromagnetism at 1.5 T. <i>Journal of Magnetic Resonance Imaging</i> , 1993, 3, 559-559.	3.4	6
141	MRI of the shoulder: A rational approach to the reporting of findings. <i>Journal of Magnetic Resonance Imaging</i> , 1996, 6, 268-270.	3.4	6
142	Ventricular Assist Device implant (AB 5000) prototype cannula: In vitro assessment of MRI issues at 3-Tesla. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2008, 10, 23.	3.3	6
143	Assessment of MRI issues for a new cerebral spinal fluid shunt, gravitational valve (GV). <i>Magnetic Resonance Imaging</i> , 2017, 44, 8-14.	1.8	6
144	MRI Safety and Neuromodulation Systems. , 2009, , 243-281.		6

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145	Radiofrequency energy-induced heating of bovine articular cartilage: evaluation of a new temperature-controlled, bipolar radiofrequency system used at different settings. <i>Journal of Knee Surgery</i> , 2002, 15, 90-6.	1.6	6
146	Assessment of MRI Issues at 3 Tesla for a New Metallic Tissue Marker. <i>International Journal of Breast Cancer</i> , 2015, 2015, 1-5.	1.2	5
147	Chelated or dechelated gadolinium deposition – Authors' reply. <i>Lancet Neurology</i> , The, 2017, 16, 955-956.	10.2	5
148	7-Tesla MRI of the brain in a research subject with bilateral, total knee replacement implants: Case report and proposed safety guidelines. <i>Magnetic Resonance Imaging</i> , 2019, 57, 313-316.	1.8	5
149	Additional information pertaining to the MR-compatibility of biopsy needles and devices. <i>Journal of Magnetic Resonance Imaging</i> , 1996, 6, 411-411.	3.4	4
150	MR imaging in patients with intraspinal bullets. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 10, 107-107.	3.4	4
151	MR conditional respiratory ventilator system incident in a 3-T MRI environment. <i>Magnetic Resonance Imaging</i> , 2011, 29, 1150-1154.	1.8	4
152	A new vascular coupling device: Assessment of MRI issues at 3-tesla. <i>Magnetic Resonance Imaging</i> , 2014, 32, 585-589.	1.8	4
153	MRI Safety and Neuromodulation Systems. , 2018, , 315-337.		4
154	MRI and Patients with Non-MRI-conditional Cardiac Devices: Further Evidence of Safety. <i>Radiology</i> , 2020, 295, 314-315.	7.3	4
155	Evaluation of Magnetic Resonance Imaging Safety and Imaging Issues Associated with the Occlusion Balloon Used during Fetoscopic Endoluminal Tracheal Occlusion. <i>Fetal Diagnosis and Therapy</i> , 2018, 44, 179-183.	1.4	3
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