

Richard G Barr

List of Publications by Year in Descending Order

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Version: 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

154
papers

8,085
citations

39
h-index

88
g-index

166
ext. papers

9,910
ext. citations

5.4
avg, IF

6.31
L-index

#	Paper	IF	Citations
154	US Attenuation for Liver Fat Quantification: An AIUM-RSNA QIBA Pulse-Echo Quantitative Ultrasound Initiative.. <i>Radiology</i> , 2022 , 210736	20.5	6
153	Abstract PD11-05: Intelligent shear-wave elastography to reduce unnecessary biopsies in breast cancer diagnosis (INSPIRED 002): An international, multicenter analysis. <i>Cancer Research</i> , 2022 , 82, PD11-05-PD11-05	10.1	0
152	The importance of multi-modal imaging and clinical information for humans and AI-based algorithms to classify breast masses (INSPIRED 003): an international, multicenter analysis.. <i>European Radiology</i> , 2022 , 1	8	0
151	US-Elastography for Breast Lesion Characterization: Prospective Comparison of US BIRADS, Strain Elastography and Shear wave Elastography. <i>Ultraschall in Der Medizin</i> , 2021 , 42, 533-540	3.8	5
150	Prostate Elastography 2021 , 179-191		
149	The potential of combined shear wave and strain elastography to reduce unnecessary biopsies in breast cancer diagnostics - An international, multicentre trial. <i>European Journal of Cancer</i> , 2021 , 161, 1-9	7.5	2
148	Bi-modal Transfer Learning for Classifying Breast Cancers via Combined B-mode and Ultrasound Strain Imaging. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2021 , PP,	3.2	2
147	Use of lumason/sonovue in contrast-enhanced ultrasound of the kidney for characterization of renal masses-a meta-analysis. <i>Abdominal Radiology</i> , 2021 , 1	3	1
146	Ocular Ultrasound: Review of Bioeffects and Safety, Including Fetal and Point of Care Perspective. <i>Journal of Ultrasound in Medicine</i> , 2021 ,	2.9	2
145	The Underrated Role of Ultrasound in Peritoneal Dialysis. <i>Journal of Ultrasound in Medicine</i> , 2021 ,	2.9	3
144	Quantification of Liver Steatosis: Is CT Equivalent to PDFF?. <i>American Journal of Roentgenology</i> , 2021 , 216, W14	5.4	0
143	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	5.6	
142	First proof-of-concept evaluation of the FUSION-X-US-II prototype for the performance of automated breast ultrasound in healthy volunteers. <i>Archives of Gynecology and Obstetrics</i> , 2021 , 304, 559-566	2.5	
141	A New Practical Decision Rule to Better Differentiate BI-RADS 3 or 4 Breast Masses on Breast Ultrasound. <i>Journal of Ultrasound in Medicine</i> , 2021 ,	2.9	1
140	Conventional ultrasound for diagnosis of hepatic steatosis is better than believed. <i>Zeitschrift Fur Gastroenterologie</i> , 2021 ,	1.6	2
139	Outcomes of Return to Routine Screening for BI-RADS 3 Lesions Detected at Supplemental Automated Whole-Breast Ultrasound in Women With Dense Breasts: A Prospective Study. <i>American Journal of Roentgenology</i> , 2021 , 217, 1313-1321	5.4	2
138	Advanced ultrasound in the diagnosis of prostate cancer. <i>World Journal of Urology</i> , 2021 , 39, 661-676	4	14

137	Evaluation of the FUSION-X-US-II prototype to combine automated breast ultrasound and tomosynthesis. <i>European Radiology</i> , 2021 , 31, 3712-3720	8	5
136	Elastography for Pediatric Chronic Liver Disease: A Review and Expert Opinion. <i>Journal of Ultrasound in Medicine</i> , 2021 , 40, 909-928	2.9	9
135	Radiological Society of North America/Quantitative Imaging Biomarker Alliance Shear Wave Speed Bias Quantification in Elastic and Viscoelastic Phantoms. <i>Journal of Ultrasound in Medicine</i> , 2021 , 40, 569-581	2.9	8
134	Characterisation of Prostate Lesions Using Transrectal Shear Wave Elastography (SWE) Ultrasound Imaging: A Systematic Review. <i>Cancers</i> , 2021 , 13,	6.6	5
133	Assessment of chronic liver disease by multiparametric ultrasound: results from a private practice outpatient facility. <i>Abdominal Radiology</i> , 2021 , 46, 5152-5161	3	5
132	The Potential of Shear Wave Elastography to Reduce Unnecessary Biopsies in Breast Cancer Diagnosis: An International, Diagnostic, Multicenter Trial. <i>Ultraschall in Der Medizin</i> , 2021 ,	3.8	2
131	Quantification of Liver Fat Content with Ultrasound: A WFUMB Position Paper. <i>Ultrasound in Medicine and Biology</i> , 2021 , 47, 2803-2820	3.5	10
130	Your "Sweet Spot" May Not Be So Sweet for Me. <i>American Journal of Roentgenology</i> , 2021 , 217, 1023	5.4	
129	Reasons why referring doctors order renal ultrasound contrast studies. <i>Abdominal Radiology</i> , 2021 , 47, 757	3	
128	Contrast-enhanced Ultrasound-State of the Art in North America: Society of Radiologists in Ultrasound White Paper. <i>Ultrasound Quarterly</i> , 2020 , 36, S1-S39	1.4	7
127	Contrast-Enhanced Ultrasonography of the Abdomen. <i>Advances in Clinical Radiology</i> , 2020 , 2, 213-233	0.3	1
126	Prediction of pathological complete response in breast cancer patients during neoadjuvant chemotherapy: Is shear wave elastography a useful tool in clinical routine?. <i>European Journal of Radiology</i> , 2020 , 128, 109025	4.7	5
125	Update to the Society of Radiologists in Ultrasound Liver Elastography Consensus Statement. <i>Radiology</i> , 2020 , 296, 263-274	20.5	73
124	Ultrasound liver elastography beyond liver fibrosis assessment. <i>World Journal of Gastroenterology</i> , 2020 , 26, 3413-3420	5.6	11
123	Contrast-enhanced ultrasound imaging of the liver: a review of the clinical evidence for SonoVue and Sonazoid. <i>Abdominal Radiology</i> , 2020 , 45, 3779-3788	3	10
122	Breast elastography 2020 , 21-46		1
121	Can Accurate Shear Wave Velocities Be Obtained in Kidneys?. <i>Journal of Ultrasound in Medicine</i> , 2020 , 39, 1097-1105	2.9	5
120	Letter to the Editor. <i>Ultrasound Quarterly</i> , 2020 , 36, 87	1.4	

119	Guidelines and Good Clinical Practice Recommendations for Contrast Enhanced Ultrasound (CEUS) in the Liver - Update 2020 - WFUMB in Cooperation with EFSUMB, AFSUMB, AIUM, and FLAUS. <i>Ultraschall in Der Medizin</i> , 2020 , 41, 562-585	3.8	42
118	Guidelines and Good Clinical Practice Recommendations for Contrast-Enhanced Ultrasound (CEUS) in the Liver-Update 2020 WFUMB in Cooperation with EFSUMB, AFSUMB, AIUM, and FLAUS. <i>Ultrasound in Medicine and Biology</i> , 2020 , 46, 2579-2604	3.5	76
117	Contrast -Enhanced Ultrasound: State of the Art in North America. <i>Ultrasound Quarterly</i> , 2020 , 36, 206-217	4	
116	Novel Approaches to Screening for Breast Cancer. <i>Radiology</i> , 2020 , 297, 266-285	20.5	19
115	Evaluation of the Reproducibility of Bolus Transit Quantification With Contrast-Enhanced Ultrasound Across Multiple Scanners and Analysis Software Packages-A Quantitative Imaging Biomarker Alliance Study. <i>Investigative Radiology</i> , 2020 , 55, 643-656	10.1	4
114	Breast Elastography: How to Perform and Integrate Into a "Best-Practice" Patient Treatment Algorithm. <i>Journal of Ultrasound in Medicine</i> , 2020 , 39, 7-17	2.9	12
113	Benefits, Open questions and Challenges of the use of Ultrasound in the COVID-19 pandemic era. The views of a panel of worldwide international experts. <i>Ultraschall in Der Medizin</i> , 2020 , 41, 228-236	3.8	34
112	An initial study of complete 2D shear wave dispersion images using a reverberant shear wave field. <i>Physics in Medicine and Biology</i> , 2019 , 64, 145009	3.8	14
111	Use of a Real-Time Stress Map for Assessment of Applied Stress for Strain Elastography: Utility in Training and Computation of Strain Ratios. <i>Journal of Ultrasound in Medicine</i> , 2019 , 38, 2999-3005	2.9	1
110	Ultrasound of Diffuse Liver Disease Including Elastography. <i>Radiologic Clinics of North America</i> , 2019 , 57, 549-562	2.3	8
109	Future of breast elastography. <i>Ultrasonography</i> , 2019 , 38, 93-105	4.3	22
108	A Clinical Study Comparing the Diagnostic Performance of Assist Strain Ratio Against Manual Strain Ratio in Ultrasound Breast Elastography. <i>Ultrasound Quarterly</i> , 2019 , 35, 82-87	1.4	2
107	2-D Shear wave dispersion images using the reverberant shear wave field approach: application in tissues exhibiting power law response 2019 ,		3
106	Diagnostic Performance and Accuracy of the 3 Interpreting Methods of Breast Strain Elastography: A Systematic Review and Meta-analysis. <i>Journal of Ultrasound in Medicine</i> , 2019 , 38, 1397-1404	2.9	18
105	Evaluation of Inter-System Variability in Liver Stiffness Measurements. <i>Ultraschall in Der Medizin</i> , 2019 , 40, 64-75	3.8	33
104	Gastric Lipoma: A Review of the Literature. <i>Ultrasound Quarterly</i> , 2018 , 34, 119-121	1.4	5
103	How to perform Contrast-Enhanced Ultrasound (CEUS). <i>Ultrasound International Open</i> , 2018 , 4, E2-E15	2.1	147
102	Initial results of the FUSION-X-US prototype combining 3D automated breast ultrasound and digital breast tomosynthesis. <i>European Radiology</i> , 2018 , 28, 2499-2506	8	14

101	Contrast enhanced ultrasound for focal liver lesions: how accurate is it?. <i>Abdominal Radiology</i> , 2018 , 43, 1128-1133	3	6
100	Focal Liver Lesions: Computer-aided Diagnosis by Using Contrast-enhanced US Cine Recordings. <i>Radiology</i> , 2018 , 286, 1062-1071	20.5	13
99	Editorial Comment. <i>Journal of Urology</i> , 2018 , 200, 557-558	2.5	
98	Contrast-Enhanced Ultrasound-Guided Radiofrequency Ablation of Renal Tumors. <i>Journal of Kidney Cancer and VHL</i> , 2018 , 5, 7-14	1.4	17
97	Artifacts in contrast-enhanced ultrasound: a pictorial essay. <i>Abdominal Radiology</i> , 2018 , 43, 977-997	3	32
96	Shear wave liver elastography. <i>Abdominal Radiology</i> , 2018 , 43, 800-807	3	57
95	The Role of Sonoelastography in Breast Lesions. <i>Seminars in Ultrasound, CT and MRI</i> , 2018 , 39, 98-105	1.7	13
94	Liver Ultrasound Elastography: An Update to the World Federation for Ultrasound in Medicine and Biology Guidelines and Recommendations. <i>Ultrasound in Medicine and Biology</i> , 2018 , 44, 2419-2440	3.5	195
93	Liver Elastography Still in Its Infancy. <i>Radiology</i> , 2018 , 288, 107-108	20.5	5
92	Is There a Need to Modify the Bosniak Renal Mass Classification With the Addition of Contrast-Enhanced Sonography?. <i>Journal of Ultrasound in Medicine</i> , 2017 , 36, 865-868	2.9	16
91	Effect of Precompression on the Power Doppler Assessment of Breast Lesion Vascularity. <i>Journal of Ultrasound in Medicine</i> , 2017 , 36, 243-247	2.9	
90	Ultrasound Elastography of the Liver: What the Clinician Needs to Know. <i>Journal of Ultrasound in Medicine</i> , 2017 , 36, 1293-1304	2.9	4
89	How to Develop a Contrast-Enhanced Ultrasound Program. <i>Journal of Ultrasound in Medicine</i> , 2017 , 36, 1225-1240	2.9	21
88	Primary Angiosarcoma of the Breast: A Case Report and Review of the Literature. <i>Ultrasound Quarterly</i> , 2017 , 33, 46-48	1.4	8
87	A Case Study of Hemochromatosis and Conflicting Point Shear Wave Measurements in the Assessment of Liver Fibrosis. <i>Ultrasound Quarterly</i> , 2017 , 33, 49-50	1.4	1
86	Agreement Between an Automated Volume Breast Scanner and Handheld Ultrasound for Diagnostic Breast Examinations. <i>Journal of Ultrasound in Medicine</i> , 2017 , 36, 2087-2092	2.9	14
85	Strain Elastography - How To Do It?. <i>Ultrasound International Open</i> , 2017 , 3, E137-E149	2.1	70
84	WFUMB Guidelines and Recommendations on the Clinical Use of Ultrasound Elastography: Part 4. Thyroid. <i>Ultrasound in Medicine and Biology</i> , 2017 , 43, 4-26	3.5	138

83	WFUMB Guidelines and Recommendations on the Clinical Use of Ultrasound Elastography: Part 5. Prostate. <i>Ultrasound in Medicine and Biology</i> , 2017 , 43, 27-48	3.5	81
82	Thyroid Ultrasound: State of the Art Part 1 - Thyroid Ultrasound reporting and Diffuse Thyroid Diseases. <i>Medical Ultrasonography</i> , 2017 , 19, 79-93	1.4	31
81	Thyroid Ultrasound: State of the Art. Part 2 - Focal Thyroid Lesions. <i>Medical Ultrasonography</i> , 2017 , 19, 195-210	1.4	19
80	Sonographic Elastography of Mastitis. <i>Journal of Ultrasound in Medicine</i> , 2016 , 35, 1791-7	2.9	11
79	Elastography Assessment of Liver Fibrosis: Society of Radiologists in Ultrasound Consensus Conference Statement. <i>Ultrasound Quarterly</i> , 2016 , 32, 94-107	1.4	74
78	Transcutaneous Ultrasound: Elastographic Lymph Node Evaluation. Current Clinical Applications and Literature Review. <i>Ultrasound in Medicine and Biology</i> , 2016 , 42, 16-30	3.5	33
77	Sonoelastography of Breast Lymphoma. <i>Ultrasound Quarterly</i> , 2016 , 32, 208-11	1.4	9
76	Invited Commentary on "Elastography in Chronic Liver Disease". <i>Radiographics</i> , 2016 , 36, 2007-2009	5.4	1
75	Clinical application of sonoelastography in thyroid, prostate, kidney, pancreas, and deep venous thrombosis. <i>Abdominal Imaging</i> , 2015 , 40, 709-22		20
74	Elastography Assessment of Liver Fibrosis: Society of Radiologists in Ultrasound Consensus Conference Statement. <i>Radiology</i> , 2015 , 276, 845-61	20.5	339
73	Prostate cancer: diagnostic performance of real-time shear-wave elastography. <i>Radiology</i> , 2015 , 275, 280-9	20.5	88
72	WFUMB guidelines and recommendations for clinical use of ultrasound elastography: Part 1: basic principles and terminology. <i>Ultrasound in Medicine and Biology</i> , 2015 , 41, 1126-47	3.5	483
71	WFUMB guidelines and recommendations for clinical use of ultrasound elastography: Part 3: liver. <i>Ultrasound in Medicine and Biology</i> , 2015 , 41, 1161-79	3.5	390
70	RSNA QIBA ultrasound shear wave speed Phase II phantom study in viscoelastic media 2015 ,		28
69	WFUMB guidelines and recommendations for clinical use of ultrasound elastography: Part 2: breast. <i>Ultrasound in Medicine and Biology</i> , 2015 , 41, 1148-60	3.5	255
68	Shear-wave elastography of the breast: value of a quality measure and comparison with strain elastography. <i>Radiology</i> , 2015 , 275, 45-53	20.5	91
67	Breast Elastography 2015 ,		4
66	Elastography of the Abdomen. <i>Ultrasound Clinics</i> , 2014 , 9, 625-640		3

65	Incidental detection of an aortic stent endoleak with contrast-enhanced sonography. <i>Journal of Ultrasound in Medicine</i> , 2014 , 33, 738-40	2.9	
64	Evaluation of indeterminate renal masses with contrast-enhanced US: a diagnostic performance study. <i>Radiology</i> , 2014 , 271, 133-42	20.5	125
63	Elastography in clinical practice. <i>Radiologic Clinics of North America</i> , 2014 , 52, 1145-62	2.3	62
62	US Elastography: Applications in Tumors 2014 , 459-488		4
61	Strain elastography for prediction of breast cancer tumor grades. <i>Journal of Ultrasound in Medicine</i> , 2014 , 33, 129-34	2.9	27
60	Guidelines and good clinical practice recommendations for Contrast Enhanced Ultrasound (CEUS) in the liver - update 2012: A WFUMB-EFSUMB initiative in cooperation with representatives of AFSUMB, AIUM, ASUM, FLAUS and ICUS. <i>Ultrasound in Medicine and Biology</i> , 2013 , 39, 187-210	3.5	503
59	RSNA/QIBA: Shear wave speed as a biomarker for liver fibrosis staging 2013 ,		36
58	Probably benign lesions at screening breast US in a population with elevated risk: prevalence and rate of malignancy in the ACRIN 6666 trial. <i>Radiology</i> , 2013 , 269, 701-12	20.5	69
57	Guidelines and good clinical practice recommendations for contrast enhanced ultrasound (CEUS) in the liver--update 2012: a WFUMB-EFSUMB initiative in cooperation with representatives of AFSUMB, AIUM, ASUM, FLAUS and ICUS. <i>Ultraschall in Der Medizin</i> , 2013 , 34, 11-29	3.8	369
56	Lung cancer metastatic to breast: case report and review of the literature. <i>Ultrasound Quarterly</i> , 2013 , 29, 205-9	1.4	7
55	Off-label use of ultrasound contrast agents for abdominal imaging in the United States. <i>Journal of Ultrasound in Medicine</i> , 2013 , 32, 7-12	2.9	36
54	Artifacts in diagnostic ultrasound. <i>Reports in Medical Imaging</i> , 2013 , 29	0.8	7
53	Detection of breast cancer with addition of annual screening ultrasound or a single screening MRI to mammography in women with elevated breast cancer risk. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 307, 1394-404	27.4	686
52	Contrast-enhanced ultrasound-guided radiofrequency ablation of renal tumors. <i>Ultrasound Quarterly</i> , 2012 , 28, 269-74	1.4	17
51	Improved needle visualization with electronic beam steering: proof of concept. <i>Ultrasound Quarterly</i> , 2012 , 28, 59-64	1.4	11
50	Shear wave ultrasound elastography of the prostate: initial results. <i>Ultrasound Quarterly</i> , 2012 , 28, 13-20	1.4	139
49	Shear wave imaging of the breast: still on the learning curve. <i>Journal of Ultrasound in Medicine</i> , 2012 , 31, 347-50	2.9	59
48	Speed of sound correction and quality control. <i>Journal of Ultrasound in Medicine</i> , 2012 , 31, 1471	2.9	1

47	Sonographic breast elastography: a primer. <i>Journal of Ultrasound in Medicine</i> , 2012 , 31, 773-83	2.9	151
46	Evaluation of breast lesions using sonographic elasticity imaging: a multicenter trial. <i>Journal of Ultrasound in Medicine</i> , 2012 , 31, 281-7	2.9	115
45	Effects of precompression on elasticity imaging of the breast: development of a clinically useful semiquantitative method of precompression assessment. <i>Journal of Ultrasound in Medicine</i> , 2012 , 31, 895-902	2.9	137
44	Mesothelioma of tunica vaginalis of "uncertain malignant potential" - an evolving concept: case report and review of the literature. <i>Diagnostic Pathology</i> , 2011 , 6, 78	3	18
43	The utility of the "bull's-eye" artifact on breast elasticity imaging in reducing breast lesion biopsy rate. <i>Ultrasound Quarterly</i> , 2011 , 27, 151-5	1.4	35
42	Impact and costs of targeted recruitment of minorities to the National Lung Screening Trial. <i>Clinical Trials</i> , 2011 , 8, 214-23	2.2	26
41	Real-time ultrasound elasticity of the breast: initial clinical results. <i>Ultrasound Quarterly</i> , 2010 , 26, 61-6	1.4	83
40	Reasons women at elevated risk of breast cancer refuse breast MR imaging screening: ACRIN 6666. <i>Radiology</i> , 2010 , 254, 79-87	20.5	122
39	Comparison of sonography and scintigraphy in the evaluation of gallbladder functional studies with cholecystokinin. <i>Journal of Ultrasound in Medicine</i> , 2009 , 28, 1143-7	2.9	10
38	US elastography of breast and prostate lesions. <i>Radiographics</i> , 2009 , 29, 2007-16	5.4	99
37	Contrast-enhanced ultrasound detection and treatment guidance in a renal transplant patient with renal cell carcinoma. <i>Ultrasound Quarterly</i> , 2009 , 25, 171-3	1.4	24
36	Comparison of conventional, compounding, computer enhancement, and compounding with computer enhancement in ultrasound imaging of the breast. <i>Ultrasound Quarterly</i> , 2009 , 25, 129-34	1.4	9
35	Speed of sound imaging: improved image quality in breast sonography. <i>Ultrasound Quarterly</i> , 2009 , 25, 141-4	1.4	10
34	Dynamic automatic ultrasound optimization: time savings, keystroke savings, and image quality. <i>Ultrasound Quarterly</i> , 2009 , 25, 63-5	1.4	2
33	Combined screening with ultrasound and mammography vs mammography alone in women at elevated risk of breast cancer. <i>JAMA - Journal of the American Medical Association</i> , 2008 , 299, 2151-63	27.4	980
32	Meta-analysis of laparoscopic and open distal gastrectomy for gastric carcinoma. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2008 , 22, 1781-9	5.2	151
31	Duplex Doppler sonography of the carotid artery: velocity measurements in an artery with contralateral stenosis. <i>Ultrasound Quarterly</i> , 2007 , 23, 199-202	1.4	8
30	In situ measurements of orange roughy (<i>Hoplostethus atlanticus</i>) target strength. <i>ICES Journal of Marine Science</i> , 2007 , 64, 1220-1234	2.7	3

29	Renal imaging with ultrasound contrast: current status. <i>Radiologic Clinics of North America</i> , 2003 , 41, 963-78	2.3	76
28	Seeking consensus: contrast ultrasound in radiology. <i>Investigative Radiology</i> , 2002 , 37, 205-14	10.1	7
27	Seeking consensus: contrast ultrasound in radiology. <i>European Journal of Radiology</i> , 2002 , 41, 207-16	4.7	19
26	Evaluation of Renal Pathology With an Intravenous Ultrasound Contrast Agent: Case Studies. <i>Journal of Diagnostic Medical Sonography</i> , 2001 , 17, 29-33	0.4	2
25	A clinical comparison of the safety and efficacy of MultiHance (gadobenate dimeglumine) and Omniscan (Gadodiamide) in magnetic resonance imaging in patients with central nervous system pathology. <i>Investigative Radiology</i> , 2001 , 36, 65-71	10.1	42
24	Significance of minimal or no intraperitoneal fluid visible on CT scan associated with blunt liver and splenic injuries: a multicenter analysis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 49, 505-10	10.4	49
23	Contrast-Enhanced Sonography in Patients with Renal Pathology. <i>Journal of Diagnostic Medical Sonography</i> , 2000 , 16, 53-56	0.4	3
22	Pharmacokinetics, safety, and tolerability of gadoversetamide injection (OptiMARK) in subjects with central nervous system or liver pathology and varying degrees of renal function. <i>Journal of Magnetic Resonance Imaging</i> , 1999 , 9, 317-21	5.6	52
21	Run-in periods in randomized trials: implications for the application of results in clinical practice. <i>JAMA - Journal of the American Medical Association</i> , 1998 , 279, 222-5	27.4	118
20	Acalculous gallbladder disease: US evaluation after slow-infusion cholecystokinin stimulation in symptomatic and asymptomatic adults. <i>Radiology</i> , 1997 , 204, 105-11	20.5	24
19	ELF and VLF wave generation by HF heating: A comparison of AM and CW techniques. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1997 , 59, 2265-2279	2	30
18	Ethidium bromide binding to unstructured and structured 2SGMP. <i>Journal of Biomolecular Structure and Dynamics</i> , 1995 , 13, 339-49	3.6	
17	Structure sensitivity of amino proton exchange in 2S and 5S- guanosine monophosphate dianions. <i>Journal of Biomolecular Structure and Dynamics</i> , 1994 , 12, 681-94	3.6	
16	Proton NMR imaging of cerebral blood flow using H ₂ (17)O. <i>Magnetic Resonance in Medicine</i> , 1991 , 22, 154-8	4.4	55
15	The stability of proton T2 effects of oxygen-17 water in experimental cerebral ischemia. <i>Magnetic Resonance in Medicine</i> , 1991 , 22, 167-74	4.4	18
14	Improved sensitivity of proton MR to oxygen-17 as a contrast agent using fast imaging: detection in brain. <i>Magnetic Resonance in Medicine</i> , 1988 , 7, 222-9	4.4	32
13	Oxygen-17 contrast agents. Fast imaging techniques. <i>Investigative Radiology</i> , 1988 , 23 Suppl 1, S240-2	10.1	5
12	Physiological Application of 17O Promoted Proton T2 Relaxation. <i>Annals of the New York Academy of Sciences</i> , 1987 , 508, 463-465	6.5	

11	Oxygen-17 compounds as potential NMR T2 contrast agents: enrichment effects of H ₂ (17)O on protein solutions and living tissues. <i>Magnetic Resonance in Medicine</i> , 1987 , 4, 399-403	4.4	51
10	Solution ordering of guanosine 2Smonophosphate dianions with alkali metal ions as structure directors. <i>The Journal of Physical Chemistry</i> , 1986 , 90, 328-334		7
9	Ordered forms of dianionic guanosine 5Smonophosphate with sodium ion as the structure director. Proton and phosphorus-31 NMR studies of hydrogen bonding and comparisons of stacked tetramer and stacked dimer models. <i>The Journal of Physical Chemistry</i> , 1984 , 88, 2599-2605		36
8	31P NMR studies of energy metabolism in perfused rat kidney. <i>Journal of Surgical Research</i> , 1983 , 35, 373-82	2.5	5
7	Some new features of ELF attenuation. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1972 , 34, 411-420		7
6	The effect of the Earth's magnetic field on the propagation of ELF and VLF radio waves. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1971 , 33, 1577-1583		10
5	The propagation of ELF and VLF radio waves beneath an inhomogeneous anisotropic ionosphere. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1971 , 33, 343-353		19
4	The ELF and VLF amplitude spectrum of atmospheric with particular reference to the attenuation band near 3 kHz. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1970 , 32, 977-990		15
3	The attenuation of ELF and VLF radio waves propagating below inhomogeneous isotropic ionospheres. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1970 , 32, 1781-1791		12
2	POLLY I: Operator-Assisted Bubble Chamber Film Measuring System. <i>Review of Scientific Instruments</i> , 1968 , 39, 1556-1562	1.7	14
1	Compression elasticity imaging of the breast: An overview18-23		4