

# Yi-Qiao Song

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4031561/publications.pdf>

Version: 2024-02-01

152  
papers

5,608  
citations

117571

34  
h-index

91828

69  
g-index

160  
all docs

160  
docs citations

160  
times ranked

3231  
citing authors

#	ARTICLE	IF	CITATIONS
1	T1–T2 Correlation Spectra Obtained Using a Fast Two-Dimensional Laplace Inversion. <i>Journal of Magnetic Resonance</i> , 2002, 154, 261-268.	1.2	631
2	Solving Fredholm integrals of the first kind with tensor product structure in 2 and 2.5 dimensions. <i>IEEE Transactions on Signal Processing</i> , 2002, 50, 1017-1026.	3.2	538
3	Enhancement of Solution NMR and MRI with Laser-Polarized Xenon. <i>Science</i> , 1996, 271, 1848-1851.	6.0	319
4	Determining multiple length scales in rocks. <i>Nature</i> , 2000, 406, 178-181.	13.7	229
5	Application of spin-spin relaxation to measurement of surface area and pore size distributions in a hydrating cement paste. <i>Magnetic Resonance Imaging</i> , 1994, 12, 169-173.	1.0	174
6	Study of Asphaltene Nanoaggregation by Nuclear Magnetic Resonance (NMR). <i>Energy &amp; Fuels</i> , 2009, 23, 1189-1193.	2.5	165
7	Magnetic Resonance of Porous Media (MRPM): A perspective. <i>Journal of Magnetic Resonance</i> , 2013, 229, 12-24.	1.2	143
8	NMR application in unconventional shale reservoirs – A new porous media research frontier. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2019, 112-113, 17-33.	3.9	115
9	Critical Nanoaggregate Concentration of Asphaltenes by Direct-Current (DC) Electrical Conductivity. <i>Energy &amp; Fuels</i> , 2009, 23, 1201-1208.	2.5	113
10	Quantitative characterization of food products by two-dimensional $\rho$ and $\sigma$ distribution functions in a static gradient. <i>Journal of Colloid and Interface Science</i> , 2006, 297, 303-311.	5.0	112
11	Scalable NMR spectroscopy with semiconductor chips. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 11955-11960.	3.3	102
12	Study of Xenon Binding in Cryptophane-A Using Laser-Induced NMR Polarization Enhancement. <i>Journal of the American Chemical Society</i> , 1999, 121, 3502-3512.	6.6	89
13	Using internal magnetic fields to obtain pore size distributions of porous media. <i>Concepts in Magnetic Resonance</i> , 2003, 18A, 97-110.	1.3	83
14	Quantifying uncertainty in NMR spectra using Monte Carlo inversion. <i>Journal of Magnetic Resonance</i> , 2009, 196, 54-60.	1.2	83
15	Time-of-Flight Flow Imaging Using NMR Remote Detection. <i>Physical Review Letters</i> , 2005, 95, 075503.	2.9	68
16	Use of NMR logging to obtain estimates of hydraulic conductivity in the High Plains aquifer, Nebraska, USA. <i>Water Resources Research</i> , 2013, 49, 1871-1886.	1.7	68
17	Selective Enhancement of NMR Signals for $\beta$ -Cyclodextrin with Laser-Polarized Xenon. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 2368-2370.	4.4	67
18	Categories of Coherence Pathways for the CPMG Sequence. <i>Journal of Magnetic Resonance</i> , 2002, 157, 82-91.	1.2	66

#	ARTICLE	IF	CITATIONS
19	Magnetic resonance in porous media: Recent progress. <i>Journal of Chemical Physics</i> , 2008, 128, 052212.	1.2	64
20	Determining the resolution of Laplace inversion spectrum. <i>Journal of Chemical Physics</i> , 2005, 122, 104104.	1.2	60
21	Two-Dimensional NMR of Diffusion Systems. <i>Physical Review Letters</i> , 2008, 100, 248002.	2.9	56
22	Correlation functions for inhomogeneous magnetic field in random media with application to a dense random pack of spheres. <i>Journal of Magnetic Resonance</i> , 2003, 164, 154-159.	1.2	55
23	Field experiment provides ground truth for surface nuclear magnetic resonance measurement. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	55
24	Scaling Laws for Diffusion Coefficients in Mixtures of Alkanes. <i>Physical Review Letters</i> , 2005, 94, 067602.	2.9	54
25	Stability of Superparamagnetic Iron Oxide Nanoparticles at Different pH Values: Experimental and Theoretical Analysis. <i>Langmuir</i> , 2012, 28, 6246-6255.	1.6	51
26	A one-shot method for measurement of diffusion. <i>Journal of Magnetic Resonance</i> , 2004, 170, 136-148.	1.2	50
27	An NMR study of porous rock and biochar containing organic material. <i>Microporous and Mesoporous Materials</i> , 2013, 178, 94-98.	2.2	50
28	A 2D NMR method to characterize granular structure of dairy products. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2009, 55, 324-334.	3.9	49
29	Low temperature fluctuations of vortices in layered superconductors. <i>Physical Review Letters</i> , 1993, 70, 3127-3130.	2.9	43
30	Determining Pore Sizes Using an Internal Magnetic Field. <i>Journal of Magnetic Resonance</i> , 2000, 143, 397-401.	1.2	39
31	An ultra-broadband low-frequency magnetic resonance system. <i>Journal of Magnetic Resonance</i> , 2014, 242, 113-125.	1.2	39
32	Spin susceptibility in the $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ system from underdoped to overdoped regimes. <i>Physical Review Letters</i> , 1993, 70, 3131-3134.	2.9	37
33	Zinc oxide nanoparticles catalyze rapid hydrolysis of poly(lactic acid) at low temperatures. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	37
34	Understanding NMR spectral uncertainty. <i>Journal of Magnetic Resonance</i> , 2010, 204, 118-123.	1.2	36
35	Effects of diffusion on magnetic resonance imaging of laser-polarized xenon gas. <i>Journal of Chemical Physics</i> , 1998, 108, 6233-6239.	1.2	35
36	Detection of the High Eigenmodes of Spin Diffusion in Porous Media. <i>Physical Review Letters</i> , 2000, 85, 3878-3881.	2.9	35

#	ARTICLE	IF	CITATIONS
37	What is the shape of pores in natural rocks?. <i>Journal of Chemical Physics</i> , 2002, 116, 8247.	1.2	35
38	Fully-Automated High-Throughput NMR System for Screening of Haploid Kernels of Maize (Corn) by Measurement of Oil Content. <i>PLoS ONE</i> , 2016, 11, e0159444.	1.1	35
39	Pore sizes and pore connectivity in rocks using the effect of internal field. <i>Magnetic Resonance Imaging</i> , 2001, 19, 417-421.	1.0	34
40	Robust determination of surface relaxivity from nuclear magnetic resonance DT2 measurements. <i>Journal of Magnetic Resonance</i> , 2015, 259, 146-152.	1.2	34
41	Spin polarization-induced nuclear Overhauser effect: An application of spin-polarized xenon and helium. <i>Concepts in Magnetic Resonance</i> , 2000, 12, 6-20.	1.3	33
42	Pt195spin dynamics and Knight shift in single crystals ofUPt3. <i>Physical Review B</i> , 1993, 48, 7392-7398.	1.1	32
43	The behavior of diffusion eigenmodes in the presence of internal magnetic field in porous media. <i>Journal of Chemical Physics</i> , 2001, 114, 9120-9124.	1.2	32
44	Novel NMR techniques for porous media research. <i>Cement and Concrete Research</i> , 2007, 37, 325-328.	4.6	30
45	Portable NMR with Parallelism. <i>Analytical Chemistry</i> , 2020, 92, 2112-2120.	3.2	28
46	High-resolution MRI of internal field diffusion-weighting in trabecular bone. <i>NMR in Biomedicine</i> , 2009, 22, 436-448.	1.6	27
47	Chirped CPMG for well-logging NMR applications. <i>Journal of Magnetic Resonance</i> , 2014, 242, 197-202.	1.2	27
48	The robust identification of exchange from T2-T2 time-domain features. <i>Journal of Magnetic Resonance</i> , 2016, 265, 164-171.	1.2	27
49	An NMR technique for rapid measurement of flow. <i>Journal of Magnetic Resonance</i> , 2005, 172, 31-35.	1.2	26
50	Visualization of inhomogeneous local magnetic field gradient due to susceptibility contrast. <i>Journal of Magnetic Resonance</i> , 2009, 198, 88-93.	1.2	26
51	SQUID detected NMR of laser-polarized xenon at 4.2 K and at frequencies down to 200 Hz. <i>Chemical Physics Letters</i> , 1997, 272, 245-249.	1.2	25
52	Characterization of coupled pore systems from the diffusion eigenspectrum. <i>Journal of Chemical Physics</i> , 2002, 117, 5361-5365.	1.2	25
53	Broadband CPMG sequence with short composite refocusing pulses. <i>Journal of Magnetic Resonance</i> , 2013, 230, 64-75.	1.2	25
54	Pressure-Driven Suspension Flow near Jamming. <i>Physical Review Letters</i> , 2015, 114, 088301.	2.9	25

#	ARTICLE	IF	CITATIONS
55	A method for rapid characterization of diffusion. Journal of Magnetic Resonance, 2003, 161, 222-233.	1.2	24
56	Diffusion-based MR methods for bone structure and evolution. Magnetic Resonance in Medicine, 2008, 59, 28-39.	1.9	24
57	Adsorption of Superparamagnetic Iron Oxide Nanoparticles on Silica and Calcium Carbonate Sand. Langmuir, 2014, 30, 784-792.	1.6	24
58	Direct correlation of diffusion and pore size distributions with low field NMR. Journal of Magnetic Resonance, 2016, 269, 196-202.	1.2	24
59	Local symmetry of copper sites in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ . Physical Review B, 1991, 44, 7159-7162.	1.1	23
60	Multiple echo diffusion tensor acquisition technique. Magnetic Resonance Imaging, 2006, 24, 7-18.	1.0	23
61	Resolution and uncertainty of Laplace inversion spectrum. Magnetic Resonance Imaging, 2007, 25, 445-448.	1.0	23
62	Probing Maltene-Asphaltene Interaction in Crude Oil by Means of NMR Relaxation. Energy & Fuels, 2014, 28, 2395-2401.	2.5	23
63	Detecting compartmental non-Gaussian diffusion with symmetrized double-PFG MRI. NMR in Biomedicine, 2015, 28, 1550-1556.	1.6	23
64	Molecular Composition and Dynamics of Oils from Diffusion Measurements. , 2007, , 279-299.		22
65	Experimental Identification of Diffusive Coupling Using 2D NMR. Physical Review Letters, 2014, 113, 235503.	2.9	22
66	Dispersion of $T_1$ and $T_2$ Nuclear Magnetic Resonance Relaxation in Crude Oils. ChemPhysChem, 2014, 15, 2676-2681.	1.0	21
67	Acceleration of multi-dimensional propagator measurements with compressed sensing. Journal of Magnetic Resonance, 2011, 213, 166-170.	1.2	20
68	Surface magnetic relaxation in cement pastes. Magnetic Resonance Imaging, 1994, 12, 207-208.	1.0	19
69	Simultaneous Measurement of Diffusion along Multiple Directions. Journal of the American Chemical Society, 2004, 126, 16336-16337.	6.6	19
70	Mapping the human connectome using diffusion MRI at 300 mT/m gradient strength: Methodological advances and scientific impact. NeuroImage, 2022, 254, 118958.	2.1	18
71	Thallium magnetic resonance in superconducting $\text{Tl}_2\text{Ba}_2\text{Ca}_2\text{Cu}_3\text{O}_{10+\delta}$ . Physical Review B, 1989, 40, 817-820.	1.1	17
72	Reduction of Spin Polarization near Landau Filling Factor $\nu=3$ in GaAs/AlGaAs Quantum Wells. Physical Review Letters, 1999, 82, 2768-2771.	2.9	17

#	ARTICLE	IF	CITATIONS
73	Manipulation of the diffusion eigenmodes in porous media. <i>Physical Review B</i> , 2002, 65, .	1.1	17
74	Evidence of Aromaticity-Specific Maltene NMR Relaxation Enhancement Promoted by Semi-immobilized Radicals. <i>Energy &amp; Fuels</i> , 2016, 30, 3886-3893.	2.5	17
75	Recent Progress of Nuclear Magnetic Resonance Applications in Sandstones and Carbonate Rocks. <i>Vadose Zone Journal</i> , 2010, 9, 828-834.	1.3	16
76	Low-frequency NMR with a non-resonant circuit. <i>Journal of Magnetic Resonance</i> , 2011, 210, 69-74.	1.2	16
77	Magnetic Resonance Characterization of Porous Media Using Diffusion through Internal Magnetic Fields. <i>Materials</i> , 2012, 5, 590-616.	1.3	16
78	Investigating internal magnetic field gradients in aquifer sediments. <i>Geophysics</i> , 2015, 80, D281-D294.	1.4	16
79	Saturation-inversion-recovery: A method for T1 measurement. <i>Journal of Magnetic Resonance</i> , 2017, 274, 137-143.	1.2	16
80	Porosity of Drill-Cuttings Using Multinuclear <sup>19</sup> F and <sup>1</sup> H NMR Measurements. <i>Energy &amp; Fuels</i> , 2018, 32, 7467-7470.	2.5	16
81	Two electronically distinct copper sites in lanthanum strontium copper oxide (La <sub>2-x</sub> Sr <sub>x</sub> CuO <sub>4-δ</sub> ) compounds for 0.10 ≤ x ≤ 0.20. <i>Chemistry of Materials</i> , 1991, 3, 672-677.	3.2	15
82	Real-time optimization of nuclear magnetic resonance experiments. <i>Journal of Magnetic Resonance</i> , 2018, 289, 72-78.	1.2	15
83	Low fields but high impact: Ex-situ NMR and MRI. <i>Journal of Magnetic Resonance</i> , 2019, 306, 109-111.	1.2	15
84	Magnetic-flux-lattice anisotropy of Tl <sub>2</sub> Ba <sub>2</sub> Ca <sub>2</sub> Cu <sub>3</sub> O <sub>10</sub> by Tl <sub>205</sub> nuclear magnetic resonance. <i>Physical Review B</i> , 1991, 44, 914-916.	1.1	14
85	Two Dimensional <sup>89</sup> Y NMR Study of Vortex Dynamics in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>7-δ</sub> . <i>Physical Review Letters</i> , 1995, 75, 2008-2010.	2.9	14
86	Axis-matching excitation pulses for CPMG-like sequences in inhomogeneous fields. <i>Journal of Magnetic Resonance</i> , 2013, 237, 1-10.	1.2	14
87	Spatial Heterogeneity Length Scales in Carbonate Rocks. <i>Applied Magnetic Resonance</i> , 2007, 32, 221-231.	0.6	13
88	A miniaturized spectrometer for NMR relaxometry under extreme conditions. <i>Scientific Reports</i> , 2019, 9, 11174.	1.6	13
89	Optimization of multidimensional MR data acquisition for relaxation and diffusion. <i>NMR in Biomedicine</i> , 2020, 33, e4238.	1.6	13
90	Inside-out NMR with two concentric ring magnets. <i>Journal of Magnetic Resonance</i> , 2021, 333, 107082.	1.2	13

#	ARTICLE	IF	CITATIONS
91	Determination of magnetic penetration depth from saddle-point field analysis in $Tl_2Ba_2Ca_2Cu_3O_{10+\delta}$ . <i>Physical Review B</i> , 1992, 45, 4945-4951.	1.1	12
92	Hardware and Methods. , 2006, , 163-183.		12
93	NMR Measurement of the Magnetic Field Correlation Function in Porous Media. <i>Physical Review Letters</i> , 2008, 100, 025501.	2.9	12
94	Focus on the physics of magnetic resonance on porous media. <i>New Journal of Physics</i> , 2012, 14, 055017.	1.2	12
95	Two-dimensional NQR using ultra-broadband electronics. <i>Journal of Magnetic Resonance</i> , 2014, 240, 16-23.	1.2	12
96	In situ measurement and simulation of nano-magnetite mobility in porous media subject to transient salinity. <i>Nanoscale</i> , 2015, 7, 1047-1057.	2.8	12
97	Relative hydrogen index as a fast method for the simultaneous determination of physicochemical properties of petroleum fractions. <i>Fuel</i> , 2017, 210, 41-48.	3.4	12
98	Magnetic susceptibility anisotropy of grain-aligned oxygen-deficient $Y_1Ba_2Cu_3O_x$ ( $6.46 \leq x \leq 6.98$ ). <i>Physica C: Superconductivity and Its Applications</i> , 1992, 201, 95-102.	0.6	11
99	Novel NMR techniques for porous media research. <i>Magnetic Resonance Imaging</i> , 2003, 21, 207-211.	1.0	11
100	Fast imaging with the MMME sequence. <i>Journal of Magnetic Resonance</i> , 2006, 180, 18-28.	1.2	11
101	Rapid measurement of three-dimensional diffusion tensor. <i>Journal of Chemical Physics</i> , 2007, 126, 154501.	1.2	11
102	Inverting MRI measurements to heterogeneity spectra. <i>Journal of Magnetic Resonance</i> , 2008, 193, 243-250.	1.2	11
103	Two-dimensional diffusion time correlation experiment using a single direction gradient. <i>Journal of Magnetic Resonance</i> , 2014, 244, 6-11.	1.2	11
104	Fluorescence Methods for Downhole Fluid Analysis of Heavy Oil Emulsions. <i>Journal of Dispersion Science and Technology</i> , 2008, 29, 171-183.	1.3	10
105	An extremely broadband low-frequency MR system. <i>Microporous and Mesoporous Materials</i> , 2013, 178, 53-55.	2.2	10
106	Influence of bone marrow composition on measurements of trabecular microstructure using decay due to diffusion in the internal field MRI: Simulations and clinical studies. <i>Magnetic Resonance in Medicine</i> , 2014, 72, 1499-1508.	1.9	10
107	Restricted diffusion effects on nuclear magnetic resonance DT2 maps. <i>Geophysics</i> , 2015, 80, E41-E47.	1.4	10
108	Heteronuclear J-coupling measurements in grossly inhomogeneous magnetic fields. <i>Journal of Magnetic Resonance</i> , 2015, 255, 15-27.	1.2	10

#	ARTICLE	IF	CITATIONS
109	Chemical analysis using low-field magnetic resonance. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 83, 84-93.	5.8	10
110	Effect of off-resonance on T1 saturation recovery measurement in inhomogeneous fields. <i>Journal of Magnetic Resonance</i> , 2017, 281, 31-43.	1.2	10
111	In vivo microscopic diffusional kurtosis imaging with symmetrized double diffusion encoding EPI. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 533-541.	1.9	10
112	Selektive NMR-Signalverstärkung bei $\beta$ -Cyclodextrin durch laserpolarisiertes Xenon. <i>Angewandte Chemie</i> , 1997, 109, 2464-2466.	1.6	9
113	Nonresonant Multiple Spin Echoes. <i>Science</i> , 2002, 297, 369-372.	6.0	9
114	Multiple modulation multiple echo magnetic resonance. <i>Concepts in Magnetic Resonance Part A: Bridging Education and Research</i> , 2007, 30A, 358-377.	0.2	9
115	A single-scan method for measuring flow along an arbitrary direction. <i>Journal of Magnetic Resonance</i> , 2007, 186, 11-16.	1.2	9
116	Fluorine tracers for the identification of molecular interaction with porous asphaltene aggregates in crude oil. <i>Microporous and Mesoporous Materials</i> , 2015, 205, 56-60.	2.2	9
117	Rapid measurement via decay-recovery decomposition: Applications in fringe field and distributed relaxation experiments. <i>Solid State Nuclear Magnetic Resonance</i> , 2006, 29, 232-241.	1.5	8
118	Study of diffusion in erythrocyte suspension using internal magnetic field inhomogeneity. <i>Journal of Magnetic Resonance</i> , 2007, 187, 146-154.	1.2	8
119	Magnetic field anisotropy based MR tractography. <i>Journal of Magnetic Resonance</i> , 2011, 212, 386-393.	1.2	8
120	$^{63}\text{Cu}$ NMR in heavily doped $\text{La}_2\text{CuO}_4$ . <i>Journal of Physics and Chemistry of Solids</i> , 1995, 56, 1939-1940.	1.9	7
121	Multiple modulation multiple echoes: A one-shot method. <i>Magnetic Resonance Imaging</i> , 2005, 23, 301-303.	1.0	7
122	MRI of trabecular bone using a decay due to diffusion in the internal field contrast imaging sequence. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 361-371.	1.9	7
123	Adsorption of Polar Species at Crude Oil-Water Interfaces: the Chemoelastic Behavior. <i>Langmuir</i> , 2022, 38, 6523-6530.	1.6	7
124	Electronic spin susceptibility in superconducting $\text{YBa}_2\text{Cu}_3\text{O}_7$ from nuclear spin-spin coupling. <i>Physica C: Superconductivity and Its Applications</i> , 1992, 191, 131-136.	0.6	6
125	Low-temperature vortex dynamics in a high-temperature superconductor. <i>Physical Review B</i> , 1994, 50, 16570-16573.	1.1	6
126	Transformer-coupled NMR probe. <i>Journal of Magnetic Resonance</i> , 2012, 216, 128-133.	1.2	6



#	ARTICLE	IF	CITATIONS
127	Realtime optimization of multidimensional NMR spectroscopy on embedded sensing devices. Scientific Reports, 2019, 9, 17486.	1.6	6
128	Vortex fluctuation effects to $^{171}\text{Yb}$ SR linewidth in high-temperature superconductor. Physica C: Superconductivity and Its Applications, 1995, 241, 187-190.	0.6	5
129	Imaging of laser-polarized solid xenon. Solid State Nuclear Magnetic Resonance, 1998, 10, 247-250.	1.5	5
130	Comment on "Transverse NMR Relaxation as a Probe of Mesoscopic Structure" Physical Review Letters, 2003, 91, 029801; author reply 029802.	2.9	5
131	Dispersion measurements using time-of-flight remote detection MRI. Magnetic Resonance Imaging, 2007, 25, 449-452.	1.0	5
132	Quantifying spatial heterogeneity from images. New Journal of Physics, 2008, 10, 125012.	1.2	5
133	Preliminary evaluation of accelerated microscopic diffusional kurtosis imaging ( $^{171}\text{Yb}$ DKI) in a rodent model of epilepsy. Magnetic Resonance Imaging, 2019, 56, 90-95.	1.0	5
134	Analytical models of probe dynamics effects on NMR measurements. Journal of Magnetic Resonance, 2021, 327, 106975.	1.2	5
135	Quantitative measurements of injections into porous media with contrast based MRI. Journal of Magnetic Resonance, 2011, 212, 133-138.	1.2	4
136	Integrated CMOS spectrometer for multi-dimensional NMR spectroscopy. , 2017, , .		3
137	Ring Magnet Design Considerations for Obtaining Magnetic Resonance Signals in Low Non-Uniform Fields. IEEE Transactions on Magnetics, 2018, 54, 1-4.	1.2	3
138	Interfacial Viscoelasticity in Crude Oil-Water Systems to Understand Incremental Oil Recovery. , 2020, , .		3
139	Multiphysics NMR correlation spectroscopy. Journal of Magnetic Resonance, 2021, 322, 106887.	1.2	3
140	Generating Heterogeneity Spectra from Spatially Resolved Measurements. Mathematical Geosciences, 2009, 41, 721-735.	1.4	2
141	Real-Time Data Inversion Methods for Low-Field Nuclear Magnetic Resonance (NMR). , 2018, , .		2
142	Ring cancellation in Carr-Purcell-Meiboom-Gill-type sequences. Magnetic Resonance Letters, 2022, 2, 233-242.	0.7	2
143	Korringa behavior for Cu(2) in YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6.98</sub> . Physica B: Condensed Matter, 1990, 165-166, 1301-1302.	1.3	1
144	Porous Materials. , 2006, , 340-358.		1

#	ARTICLE	IF	CITATIONS
145	Coaxial probe for nuclear magnetic resonance diffusion and relaxation correlation experiments. Journal of Applied Physics, 2014, 115, .	1.1	1
146	Elastic Regression-Tree Learning in a Heterogeneous Computing Environment. IEEE Internet of Things Journal, 2019, 6, 8826-8834.	5.5	1
147	Remote Detection of Earth's Field Nuclear Magnetic Resonance with a Robust Induction Magnetometer. Physical Review Applied, 2020, 13, .	1.5	1
148	A Compact GaNFET-Based Power Amplifier for ASIC-Based Miniature NMR Spectrometers. , 2021, , .		1
149	Measurement of Full Diffusion Tensor Distribution Using High-Gradient Diffusion MRI and Applications in Diffuse Gliomas. Frontiers in Physics, 2022, 10, .	1.0	1
150	Characterization of Internal Magnetic Fields in Porous Media. , 2008, , .		0
151	The Heterogeneity Spectrum: A Method for Quantifying the Extent of Spatial Heterogeneity as a Function of Length Scale in Complex Materials. , 2008, , .		0
152	Multiple-Echo Magnetic Resonance. , 0, , 31-48.		0