Daniel Topgaard

List of Publications by Year in descending order

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142 papers	6,040 citations	57758 44 h-index	91884 69 g-index
145 all docs	145 docs citations	145 times ranked	5124 citing authors

#	Article	IF	Citations
1	Massively Multidimensional Diffusion-Relaxation Correlation MRI. Frontiers in Physics, 2022, 9, .	2.1	6
2	In situ ¹³C solidâ€state polarization transfer NMR to follow starch transformations in food. Magnetic Resonance in Chemistry, 2022, 60, 671-677.	1.9	6
3	Nonparametric 5D D-R2 distribution imaging with single-shot EPI at 21.1ÂT: Initial results for in vivo rat brain. Journal of Magnetic Resonance, 2022, 341, 107256.	2.1	0
4	Computing and visualising intraâ€voxel orientationâ€specific relaxationâ€“diffusion features in the human brain. Human Brain Mapping, 2021, 42, 310-328.	3.6	35
5	Toward nonparametric diffusionâ€characterization of crossing fibers in the human brain. Magnetic Resonance in Medicine, 2021, 85, 2815-2827.	3.0	22
6	Revisiting the dissolution of cellulose in H3PO4(aq) through cryo-TEM, PTssNMR and DWS. Carbohydrate Polymers, 2021, 252, 117122.	10.2	10
7	Multidimensional Diffusion Magnetic Resonance Imaging for Characterization of Tissue Microstructure in Breast Cancer Patients: A Prospective Pilot Study. Cancers, 2021, 13, 1606.	3.7	20
8	Glioma grading, molecular feature classification, and microstructural characterization using MR diffusional variance decomposition (DIVIDE) imaging. European Radiology, 2021, 31, 8197-8207.	4.5	12
9	Extraction of natural moisturizing factor from the stratum corneum and its implication on skin molecular mobility. Journal of Colloid and Interface Science, 2021, 604, 480-491.	9.4	22
10	Molecular Assembly in Block Copolymer-Surfactant Nanoparticle Dispersions: Information on Molecular Exchange and Apparent Solubility from High-Resolution and PFG NMR. Polymers, 2021, 13, 3265.	4.5	4
11	Skin hydration as a tool to control the distribution and molecular effects of intermediate polarity compounds in intact stratum corneum. Journal of Colloid and Interface Science, 2021, 603, 874-885.	9.4	5
12	Mucoadhesion: mucin-polymer molecular interactions. International Journal of Pharmaceutics, 2021, 610, 121245.	5.2	18
13	Nonparametric D-R1-R2 distribution MRI of the living human brain. NeuroImage, 2021, 245, 118753.	4.2	14
14	Spherical Micelles with Nonspherical Cores: Effect of Chain Packing on the Micellar Shape. Macromolecules, 2020, 53, 10686-10698.	4.8	4
15	Disentangling white-matter damage from physiological fibre orientation dispersion in multiple sclerosis. Brain Communications, 2020, 2, fcaa077.	3.3	55
16	Diffusion tensor distribution imaging of an in vivo mouse brain at ultrahigh magnetic field by spatiotemporal encoding. NMR in Biomedicine, 2020, 33, e4355.	2.8	19
17	Quantification of the amount of mobile components in intact stratum corneum with natural-abundance¹³C solid-state NMR. Physical Chemistry Chemical Physics, 2020, 22, 6572-6583.	2.8	11
18	Accuracy and precision of statistical descriptors obtained from multidimensional diffusion signal inversion algorithms. NMR in Biomedicine, 2020, 33, e4267.	2.8	25

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19	Transferring principles of solid-state and Laplace NMR to the field of in vivo brain MRI. Magnetic Resonance, 2020, 1, 27-43.	1.9	22
20	Multiple dimensions for random walks. Journal of Magnetic Resonance, 2019, 306, 150-154.	2.1	10
21	Multidimensional diffusion MRI with spectrally modulated gradients reveals unprecedented microstructural detail. Scientific Reports, 2019, 9, 9026.	3.3	58
22	Diffusion tensor distribution imaging. NMR in Biomedicine, 2019, 32, e4066.	2.8	35
23	Lipid Dynamics and Phase Transition within Î±-Synuclein Amyloid Fibrils. Journal of Physical Chemistry Letters, 2019, 10, 7872-7877.	4.6	43
24	Intermolecular interactions play a role in the distribution and transport of charged contrast agents in a cartilage model. PLoS ONE, 2019, 14, e0215047.	2.5	0
25	Multidimensional correlation of nuclear relaxation rates and diffusion tensors for model-free investigations of heterogeneous anisotropic porous materials. Scientific Reports, 2018, 8, 2488.	3.3	53
26	Nanostructured Lipidâ€Based Films for Substrateâ€Mediated Applications in Biotechnology. Advanced Functional Materials, 2018, 28, 1704356.	14.9	40
27	Effects of imaging gradients in sequences with varying longitudinal storage timeâ€”Case of diffusion exchange imaging. Magnetic Resonance in Medicine, 2018, 79, 2228-2235.	3.0	10
28	Liquid crystal phantom for validation of microscopic diffusion anisotropy measurements on clinical MRI systems. Magnetic Resonance in Medicine, 2018, 79, 1817-1828.	3.0	18
29	New Insights on the Role of Urea on the Dissolution and Thermally-Induced Gelation of Cellulose in Aqueous Alkali. Gels, 2018, 4, 87.	4.5	29
30	The KÃrger vs bi-exponential model: Theoretical insights and experimental validations. Journal of Magnetic Resonance, 2018, 296, 72-78.	2.1	18
31	Structure of Lung-Mimetic Multilamellar Bodies with Lipid Compositions Relevant in Pneumonia. Langmuir, 2018, 34, 7561-7574.	3.5	11
32	Solid and fluid segments within the same molecule of stratum corneum ceramide lipid. Quarterly Reviews of Biophysics, 2018, 51, e7.	5.7	18
33	Resolution limit of cylinder diameter estimation by diffusion MRI: The impact of gradient waveform and orientation dispersion. NMR in Biomedicine, 2017, 30, e3711.	2.8	116
34	Tracking solvents in the skin through atomically resolved measurements of molecular mobility in intact stratum corneum. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E112-E121.	7.1	37
35	Multidimensional diffusion MRI. Journal of Magnetic Resonance, 2017, 275, 98-113.	2.1	173
36	Quantification of the Intracellular Life Time of Water Molecules to Measure Transport Rates of Human Aquaglyceroporins. Journal of Membrane Biology, 2017, 250, 629-639.	2.1	17

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37	Skin hydration: interplay between molecular dynamics, structure and water uptake in the stratum corneum. Scientific Reports, 2017, 7, 15712.	3.3	88
38	NMR quantification of diffusional exchange in cell suspensions with relaxation rate differences between intra and extracellular compartments. PLoS ONE, 2017, 12, e0177273.	2.5	37
39	Microemulsions of Record Low Amphiphile Concentrations Are Affected by the Ambient Gravitational Field. Journal of Physical Chemistry B, 2016, 120, 6074-6079.	2.6	9
40	Conventions and nomenclature for double diffusion encoding NMR and MRI. Magnetic Resonance in Medicine, 2016, 75, 82-87.	3.0	154
41	Apparent exchange rate for breast cancer characterization. NMR in Biomedicine, 2016, 29, 631-639.	2.8	36
42	Quantification of microcirculatory parameters by joint analysis of flowâ€¢compensated and nonâ€flowâ€¢compensated intravoxel incoherent motion (IVIM) data. NMR in Biomedicine, 2016, 29, 640-649.	2.8	72
43	Biophysical study of resin acid effects on phospholipid membrane structure and properties. Biochimica Et Biophysica Acta - Biomembranes, 2016, 1858, 2827-2838.	2.6	13
44	Two-Dimensional Correlation of Isotropic and Directional Diffusion Using NMR. Physical Review Letters, 2016, 116, 087601.	7.8	60
45	Electrostatic interactions are important for the distribution of Gd(DTPA)^{2â^'} in articular cartilage. Magnetic Resonance in Medicine, 2016, 76, 500-509.	3.0	4
46	Dissolution state of cellulose in aqueous systems. 2. Acidic solvents. Carbohydrate Polymers, 2016, 151, 707-715.	10.2	43
47	Acyl Chain Disorder and Azelaoyl Orientation in Lipid Membranes Containing Oxidized Lipids. Langmuir, 2016, 32, 6524-6533.	3.5	22
48	Stray-field NMR diffusion q -space diffraction imaging of monodisperse coarsening foams. Journal of Colloid and Interface Science, 2016, 476, 20-28.	9.4	4
49	Chemical penetration enhancers in stratum corneum â€" Relation between molecular effects and barrier function. Journal of Controlled Release, 2016, 232, 175-187.	9.9	144
50	Dissolution state of cellulose in aqueous systems. 1. Alkaline solvents. Cellulose, 2016, 23, 247-258.	4.9	64
51	Kinetic Influence of Siliceous Reactions on Structure Formation of Mesoporous Silica Formed via the Co-Structure Directing Agent Route. Journal of Physical Chemistry C, 2016, 120, 3814-3821.	3.1	7
52	Q-space trajectory imaging for multidimensional diffusion MRI of the human brain. NeuroImage, 2016, 135, 345-362.	4.2	256
53	Director orientations in lyotropic liquid crystals: diffusion MRI mapping of the Saupe order tensor. Physical Chemistry Chemical Physics, 2016, 18, 8545-8553.	2.8	23
54	Chapter 7. NMR Methods for Studying Microscopic Diffusion Anisotropy. New Developments in NMR, 2016, , 226-259.	0.1	9

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55	NMR diffusion-encoding with axial symmetry and variable anisotropy: Distinguishing between prolate and oblate microscopic diffusion tensors with unknown orientation distribution. Journal of Chemical Physics, 2015, 142, 104201.	3.0	70
56	Constrained optimization of gradient waveforms for generalized diffusion encoding. Journal of Magnetic Resonance, 2015, 261, 157-168.	2.1	106
57	Bran Particle Size Influence on Pasta Microstructure, Water Distribution, and Sensory Properties. Cereal Chemistry, 2015, 92, 617-623.	2.2	24
58	Model-free estimation of the effective correlation time for Câ€“H bond reorientation in amphiphilic bilayers: 1Hâ€“13C solid-state NMR and MD simulations. Journal of Chemical Physics, 2015, 142, 044905.	3.0	27
59	Cyclic and Linear Monoterpenes in Phospholipid Membranes: Phase Behavior, Bilayer Structure, and Molecular Dynamics. Langmuir, 2015, 31, 11067-11077.	3.5	26
60	Quantification of microscopic diffusion anisotropy disentangles effects of orientation dispersion from microstructure: Applications in healthy volunteers and in brain tumors. NeuroImage, 2015, 104, 241-252.	4.2	216
61	Isotropic diffusion weighting using a triple-stimulated echo pulse sequence with bipolar gradient pulse pairs. Microporous and Mesoporous Materials, 2015, 205, 48-51.	4.4	14
62	Microanisotropy imaging: quantification of microscopic diffusion anisotropy and orientational order parameter by diffusion MRI with magic-angle spinning of the q-vector. Frontiers in Physics, 2014, 2, .	2.1	163
63	Multi-scale characterization of pasta during cooking using microscopy and real-time magnetic resonance imaging. Food Research International, 2014, 66, 132-139.	6.2	22
64	Molecular Conformation and Bilayer Pores in a Nonionic Surfactant Lamellar Phase Studied with ¹Hâ€“¹³C Solid-State NMR and Molecular Dynamics Simulations. Langmuir, 2014, 30, 461-469.	3.5	19
65	Effects of Added Surfactant on Swelling and Molecular Transport in Drug-Loaded Tablets Based on Hydrophobically Modified Poly(acrylic acid). Journal of Physical Chemistry B, 2014, 118, 9757-9767.	2.6	7
66	Stratum corneum molecular mobility in the presence of natural moisturizers. Soft Matter, 2014, 10, 4535-4546.	2.7	49
67	In Situ X-ray Polymerization: From Swollen Lamellae to Polymerâ€“Surfactant Complexes. Journal of Physical Chemistry B, 2014, 118, 1159-1167.	2.6	6
68	Polarization transfer solid-state NMR: a new method for studying cellulose dissolution. RSC Advances, 2014, 4, 31836-31839.	3.6	19
69	Microstructure and water distribution of commercial pasta studied by microscopy and 3D magnetic resonance imaging. Food Research International, 2014, 62, 644-652.	6.2	18
70	Measurement Tensors in Diffusion MRI: Generalizing the Concept of Diffusion Encoding. Lecture Notes in Computer Science, 2014, 17, 209-216.	1.3	55
71	Multi-Scale Characterization of Lyotropic Liquid Crystals Using 2H and Diffusion MRI with Spatial Resolution in Three Dimensions. PLoS ONE, 2014, 9, e98752.	2.5	11
72	Noninvasive mapping of water diffusional exchange in the human brain using filterâ€exchange imaging. Magnetic Resonance in Medicine, 2013, 69, 1572-1580.	3.0	142

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73	NMR Studies of Nonionic Surfactants. Annual Reports on NMR Spectroscopy, 2013, 79, 73-127.	1.5	21
74	NMR diffusion and relaxation correlation methods: New insights in heterogeneous materials. Current Opinion in Colloid and Interface Science, 2013, 18, 166-172.	7.4	78
75	Skin Membrane Electrical Impedance Properties under the Influence of a Varying Water Gradient. Biophysical Journal, 2013, 104, 2639-2650.	0.5	68
76	Cholesterol and POPC segmental order parameters in lipid membranes: solid state¹Hâ€“¹³C NMR and MD simulation studies. Physical Chemistry Chemical Physics, 2013, 15, 1976-1989.	2.8	167
77	Isotropic diffusion weighting in PGSE NMR by magic-angle spinning of the q-vector. Journal of Magnetic Resonance, 2013, 226, 13-18.	2.1	128
78	Isotropic diffusion weighting in PGSE NMR: Numerical optimization of the q-MAS PGSE sequence. Microporous and Mesoporous Materials, 2013, 178, 60-63.	4.4	28
79	Signal intensities in 1Hâ€“13C CP and INEPT MAS NMR of liquid crystals. Journal of Magnetic Resonance, 2013, 230, 165-175.	2.1	78
80	Using NMR Chemical Shift Imaging To Monitor Swelling and Molecular Transport in Drug-Loaded Tablets of Hydrophobically Modified Poly(acrylic acid): Methodology and Effects of Polymer (In)solubility. Langmuir, 2013, 29, 13898-13908.	3.5	17
81	Characterization of Stratum Corneum Molecular Dynamics by Natural-Abundance 13C Solid-State NMR. PLoS ONE, 2013, 8, e61889.	2.5	64
82	Membrane Lipid Co-Aggregation with Î±-Synuclein Fibrils. PLoS ONE, 2013, 8, e77235.	2.5	113
83	Small polar molecules like glycerol and urea can preserve the fluidity of lipid bilayers under dry conditions. Soft Matter, 2012, 8, 1482-1491.	2.7	64
84	Hyaluronic acidâ€“collagen network interactions during the dynamic compression and recovery of cartilage. Soft Matter, 2012, 8, 9906.	2.7	14
85	The gamma distribution model for pulsed-field gradient NMR studies of molecular-weight distributions of polymers. Journal of Magnetic Resonance, 2012, 222, 105-111.	2.1	72
86	Kinetics of the grating formation in holographic polymer-dispersed liquid crystals: NMR measurement of diffusion coefficients. Colloid and Polymer Science, 2012, 290, 751-755.	2.1	3
87	Conduction Through Viscoelastic Phase in a Redoxâ€Active Ionic Liquid at Reduced Temperatures. Advanced Materials, 2012, 24, 781-784.	21.0	17
88	Investigations of vesicle gels by pulsed and modulated gradient NMR diffusion techniques. Soft Matter, 2011, 7, 3947.	2.7	5
89	Homogeneous length scale of shear-induced multilamellar vesicles studied by diffusion NMR. Journal of Magnetic Resonance, 2011, 209, 291-299.	2.1	13
90	Apparent exchange rate mapping with diffusion MRI. Magnetic Resonance in Medicine, 2011, 66, 356-365.	3.0	102

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91	Extraordinarily Efficient Conduction in a Redoxâ€Active Ionic Liquid. ChemPhysChem, 2011, 12, 145-149.	2.1	65
92	Self-diffusion in polymer systems studied by magnetic field-gradient spin-echo NMR methods. Progress in Nuclear Magnetic Resonance Spectroscopy, 2010, 56, 406-425.	7.5	76
93	NMR diffusometry applied to liquids. Journal of Molecular Liquids, 2010, 156, 38-44.	4.9	14
94	Anisotropic dynamic changes in the pore network structure, fluid diffusion and fluid flow in articular cartilage under compression. Biomaterials, 2010, 31, 3117-3128.	11.4	40
95	Modulating the Porosity of Cryogels by Influencing the Nonfrozen Liquid Phase through the Addition of Inert Solutes. Langmuir, 2010, 26, 16129-16133.	3.5	82
96	Polarization Transfer Solid-State NMR for Studying Surfactant Phase Behavior. Langmuir, 2010, 26, 16848-16856.	3.5	85
97	Lamellar phase separation in a centrifugal field. A method for measuring interbilayer forces. Soft Matter, 2010, 6, 4520.	2.7	13
98	Spectral characterization of diffusion with chemical shift resolution: Highly concentrated water-in-oil emulsion. Journal of Magnetic Resonance, 2009, 199, 166-172.	2.1	17
99	Filter-exchange PGSE NMR determination of cell membrane permeability. Journal of Magnetic Resonance, 2009, 200, 291-295.	2.1	93
100	Determination of the self-diffusion coefficient of intracellular water using PGSE NMR with variable gradient pulse length. Journal of Magnetic Resonance, 2009, 201, 250-254.	2.1	48
101	Mechanism of Cryopolymerization: Diffusion-Controlled Polymerization in a Nonfrozen Microphase. An NMR Study. Macromolecules, 2009, 42, 5208-5214.	4.8	57
102	Changes in pore morphology and fluid transport in compressed articular cartilage and the implications for joint lubrication. Biomaterials, 2008, 29, 4455-4462.	11.4	44
103	Dynamic and structural aspects of PEGylated liposomes monitored by NMR. Journal of Colloid and Interface Science, 2008, 325, 485-493.	9.4	46
104	In situ 1H NMR studies of free radical cryopolymerization. Polymer, 2008, 49, 3855-3858.	3.8	32
105	Local and translational dynamics in DNAâ€“lipid assemblies monitored by solid-state and diffusion NMR. Biochimica Et Biophysica Acta - Biomembranes, 2008, 1778, 214-228.	2.6	33
106	Segmental order parameters in a nonionic surfactant lamellar phase studied with 1Hâ€“13C solid-state NMR. Physical Chemistry Chemical Physics, 2008, 10, 6033.	2.8	27
107	Gelled Polymerizable Microemulsions. 2. Microstructure. Langmuir, 2008, 24, 8473-8482.	3.5	38
108	Diffusion NMR for Determining the Homogeneous Length-Scale in Lamellar Phases. Journal of Physical Chemistry B, 2008, 112, 2782-2794.	2.6	26

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109	NMR Study of the Sorption Behavior of Benzyl Alcohol Derivatives into Sonicated and Extruded Dioctadecyldimethylammonium Chloride (DODAC) Dispersions:â€‰ The Relevance of Membrane Fluidity. Langmuir, 2008, 24, 3082-3089.	3.5	16
110	Molecular Exchange between Intra- and Extracellular Compartments in a Cell Suspension. , 2008, , .		1
111	Accuracy of q-Space Related Parameters in MRI: Simulations and Phantom Measurements. IEEE Transactions on Medical Imaging, 2007, 26, 1437-1447.	8.9	39
112	Stratum corneum hydration: Phase transformations and mobility in stratum corneum, extracted lipids and isolated corneocytes. Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 2647-2659.	2.6	100
113	Influence of Polydispersity on the Micellization of Triblock Copolymers Investigated by Pulsed Field Gradient Nuclear Magnetic Resonance. Macromolecules, 2007, 40, 8250-8258.	4.8	44
114	Chemical shift imaging of molecular transport in colloidal systems: Visualization and quantification of diffusion processes. Journal of Colloid and Interface Science, 2007, 308, 542-550.	9.4	16
115	Probing biological tissue microstructure with magnetic resonance diffusion techniques. Current Opinion in Colloid and Interface Science, 2006, 11, 7-12.	7.4	10
116	Mapping the intracellular fraction of water by varying the gradient pulse length in q-space diffusion MRI. Journal of Magnetic Resonance, 2006, 180, 280-285.	2.1	28
117	Diffusion damping during adiabatic z-rotation pulses for NMR spectroscopy in inhomogeneous magnetic fields. Journal of Chemical Physics, 2006, 125, 044503.	3.0	2
118	NMR spectroscopy in inhomogeneous B0 and B1 fields with non-linear correlation. Journal of Magnetic Resonance, 2005, 175, 1-10.	2.1	17
119	Phase behavior of the system lecithinâ€“water. Journal of Supercritical Fluids, 2004, 31, 255-262.	3.2	4
120	NMR diffusometry and the short gradient pulse limit approximation. Journal of Magnetic Resonance, 2004, 169, 85-91.	2.1	34
121	Phase behavior of the monooleinâ€“water system. Journal of Supercritical Fluids, 2004, 31, 263-271.	3.2	1
122	Self-diffusion measurements with chemical shift resolution in inhomogeneous magnetic fields. Journal of Magnetic Resonance, 2004, 168, 31-35.	2.1	9
123	"Shim pulses" for NMR spectroscopy and imaging. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 17576-17581.	7.1	61
124	Is the Wall of a Cellulose Fiber Saturated with Liquid Whether or Not Permeable with CO2Dissolved Molecules? Application to Bubble Nucleation in Champagne Wines. Langmuir, 2004, 20, 4132-4138.	3.5	28
125	Spontaneous Vesicle Formation in a Block Copolymer System. Journal of Physical Chemistry B, 2004, 108, 9710-9719.	2.6	59
126	Surfactant/Nonionic Polymer Interaction. A NMR Diffusometry and NMR Electrophoretic Investigation. Langmuir, 2004, 20, 1138-1143.	3.5	70

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127	NMR Studies of Molecular Mobility in a DNAâ˜Amphiphile Complex. Journal of Physical Chemistry B, 2004, 108, 15392-15397.	2.6	19
128	Diffusion in an inhomogeneous system: NMR studies of diffusion in highly concentrated emulsions. Journal of Colloid and Interface Science, 2003, 263, 270-276.	9.4	21
129	Experimental determination of pore shape and size using q-space NMR microscopy in the long diffusion-time limit. Magnetic Resonance Imaging, 2003, 21, 69-76.	1.8	46
130	Liquid crystalline properties and extractability of monooleinâ€“water systems by supercritical carbon dioxide. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2003, 213, 69-78.	4.7	6
131	Molecular Self-Diffusion in Micellar and Discrete Cubic Phases of an Ionic Surfactant with Mixed Monovalent/Polymeric Counterions. Journal of Physical Chemistry B, 2003, 107, 13241-13250.	2.6	34
132	Aggregation in a Proteinâ˜Surfactant System. The Interplay between Hydrophobic and Electrostatic Interactions. Journal of Physical Chemistry B, 2003, 107, 7987-7992.	2.6	46
133	Self-Diffusion in Two- and Three-Dimensional Powders of Anisotropic Domains:â€‰ An NMR Study of the Diffusion of Water in Cellulose and Starch. Journal of Physical Chemistry B, 2002, 106, 11887-11892.	2.6	46
134	1H NMR Diffusometry Study of Water in Casein Dispersions and Gels. Journal of Agricultural and Food Chemistry, 2002, 50, 4295-4302.	5.2	46
135	Amphiphilic Polymer Gel Electrolytes. 4. Ion Transport and Dynamics As Studied by Multinuclear Pulsed Field Gradient Spin-Echo NMR. Macromolecules, 2002, 35, 5097-5104.	4.8	16
136	Self-Diffusion of Nonfreezing Water in Porous Carbohydrate Polymer Systems Studied with Nuclear Magnetic Resonance. Biophysical Journal, 2002, 83, 3596-3606.	0.5	41
137	Restricted Self-Diffusion of Water in a Highly Concentrated W/O Emulsion Studied Using Modulated Gradient Spin-Echo NMR. Journal of Magnetic Resonance, 2002, 156, 195-201.	2.1	53
138	Title is missing!. Cellulose, 2002, 9, 139-147.	4.9	63
139	A NMR self-diffusion study of the porous structure of starch granules. , 2002, , 47-51.		9
140	Porous Structure of Cellulose Fiber Walls Studied with NMR Diffusometry. , 2002, , 631-635.		0
141	Diffusion of Water Absorbed in Cellulose Fibers Studied with1H-NMR. Langmuir, 2001, 17, 2694-2702.	3.5	132
142	CHAPTER 14. Diffusion MRI and Poroelastic Biomechanics of Articular Cartilage. New Developments in NMR, 0, , 373-394.	0.1	0