

# Yoram Cohen

## List of Publications by Citations

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125  
papers

6,901  
citations

47  
h-index

80  
g-index

129  
ext. papers

7,409  
ext. citations

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L-index

#	Paper	IF	Citations
125	Diffusion NMR spectroscopy in supramolecular and combinatorial chemistry: an old parameter--new insights. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 520-54	16.4	960
124	High b-value q-space analyzed diffusion-weighted MRS and MRI in neuronal tissues - a technical review. <i>NMR in Biomedicine</i> , <b>2002</b> , 15, 516-42	4.4	229
123	Diffusions-NMR-Spektroskopie in der Supramolekularen und Kombinatorischen Chemie: ein alter Parameter ðeue Erkenntnisse. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 524-560	3.6	229
122	Spontaneous formation of hexameric resorcinarene capsule in chloroform solution as detected by diffusion NMR. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 15148-9	16.4	225
121	Non-mono-exponential attenuation of water and N-acetyl aspartate signals due to diffusion in brain tissue. <i>Journal of Magnetic Resonance</i> , <b>1998</b> , 131, 69-85	3	187
120	Diffusion NMR of molecular cages and capsules. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 586-602	58.5	183
119	Displacement imaging of spinal cord using q-space diffusion-weighted MRI. <i>Magnetic Resonance in Medicine</i> , <b>2000</b> , 44, 713-22	4.4	175
118	Self-recognition, structure, stability, and guest affinity of pyrogallol[4]arene and resorcin[4]arene capsules in solution. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 11556-63	16.4	170
117	Assignment of the water slow-diffusing component in the central nervous system using q-space diffusion MRS: implications for fiber tract imaging. <i>Magnetic Resonance in Medicine</i> , <b>2000</b> , 43, 191-9	4.4	162
116	Recent advances in hydrogen-bonded hexameric encapsulation complexes. <i>Chemical Communications</i> , <b>2011</b> , 47, 5368-75	5.8	139
115	Cationic Pillararenes Potently Inhibit Biofilm Formation without Affecting Bacterial Growth and Viability. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 754-7	16.4	138
114	The role of water molecules in a resorcinarene capsule as probed by NMR diffusion measurements. <i>Organic Letters</i> , <b>2002</b> , 4, 4365-8	6.2	126
113	Resorcinarenes are hexameric capsules in solution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 12296-300	11.5	124
112	Conventions and nomenclature for double diffusion encoding NMR and MRI. <i>Magnetic Resonance in Medicine</i> , <b>2016</b> , 75, 82-7	4.4	123
111	Normal white matter development from infancy to adulthood: comparing diffusion tensor and high b value diffusion weighted MR images. <i>Journal of Magnetic Resonance Imaging</i> , <b>2005</b> , 21, 503-11	5.6	122
110	Protective effects of neurotrophic factor-secreting cells in a 6-OHDA rat model of Parkinson disease. <i>Stem Cells and Development</i> , <b>2009</b> , 18, 1179-90	4.4	118
109	Hexameric capsules of lipophilic pyrogallolarene and resorcinarene in solutions as probed by diffusion NMR: one hydroxyl makes the difference. <i>Organic Letters</i> , <b>2003</b> , 5, 3329-32	6.2	100

108	The CONNECT project: Combining macro- and micro-structure. <i>NeuroImage</i> , <b>2013</b> , 80, 273-82	7.9	93
107	Discrimination of guests encapsulation in large hexameric molecular capsules in solution: pyrogallol[4]arene versus resorcin[4]arene capsules. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 16180-1	16.4	87
106	Structural information in neuronal tissue as revealed by q-space diffusion NMR spectroscopy of metabolites in bovine optic nerve. <i>NMR in Biomedicine</i> , <b>1999</b> , 12, 335-44	4.4	87
105	From single-pulsed field gradient to double-pulsed field gradient MR: gleanng new microstructural information and developing new forms of contrast in MRI. <i>NMR in Biomedicine</i> , <b>2010</b> , 23, 757-80	4.4	84
104	Counterion-dependent proton-driven self-assembly of linear supramolecular oligomers based on amino-calix[5]arene building blocks. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 8164-73	4.8	82
103	NMR diffusion spectroscopy for the characterization of multicomponent hydrogen-bonded assemblies in solution. <i>Perkin Transactions II RSC</i> , <b>2000</b> , 2077-2089		78
102	Complexation in pseudorotaxanes based on alpha-cyclodextrin and different alpha,omega-diaminoalkanes by NMR diffusion measurements. <i>Journal of Organic Chemistry</i> , <b>2002</b> , 67, 2639-44	4.2	77
101	Complexes of Macrocycles with gamma-Cyclodextrin As Deduced from NMR Diffusion Measurements. <i>Journal of Organic Chemistry</i> , <b>1997</b> , 62, 120-125	4.2	72
100	Complexation of a peptidocalix[4]arene, a vancomycin mimic, with alanine-containing guests by NMR diffusion measurements. <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 5026-30	4.2	69
99	The effect of rotational angle and experimental parameters on the diffraction patterns and micro-structural information obtained from q-space diffusion NMR: implication for diffusion in white matter fibers. <i>Journal of Magnetic Resonance</i> , <b>2004</b> , 169, 30-8	3	68
98	Noninvasive bipolar double-pulsed-field-gradient NMR reveals signatures for pore size and shape in polydisperse, randomly oriented, inhomogeneous porous media. <i>Journal of Chemical Physics</i> , <b>2010</b> , 133, 044705	3.9	64
97	Pore diameter mapping using double pulsed-field gradient MRI and its validation using a novel glass capillary array phantom. <i>Journal of Magnetic Resonance</i> , <b>2011</b> , 208, 128-35	3	62
96	The effect of the diffusion time and pulse gradient duration ratio on the diffraction pattern and the structural information estimated from q-space diffusion MR: experiments and simulations. <i>Journal of Magnetic Resonance</i> , <b>2008</b> , 194, 230-6	3	62
95	Microscopic and compartment shape anisotropies in gray and white matter revealed by angular bipolar double-PFG MR. <i>Magnetic Resonance in Medicine</i> , <b>2011</b> , 65, 1216-27	4.4	61
94	Measuring small compartmental dimensions with low-q angular double-PGSE NMR: The effect of experimental parameters on signal decay. <i>Journal of Magnetic Resonance</i> , <b>2009</b> , 198, 15-23	3	61
93	Effect of a cationic guest on the characteristics of the molecular capsule of resorcinarene: a diffusion NMR study. <i>Organic Letters</i> , <b>2003</b> , 5, 1099-102	6.2	61
92	Diffusion and perfusion magnetic resonance imaging following closed head injury in rats. <i>Journal of Neurotrauma</i> , <b>1999</b> , 16, 1165-76	5.4	61
91	Migration of neurotrophic factors-secreting mesenchymal stem cells toward a quinolinic acid lesion as viewed by magnetic resonance imaging. <i>Stem Cells</i> , <b>2008</b> , 26, 2542-51	5.8	60

90	A pulsed gradient spin echo NMR study of guest encapsulation by hydrogen-bonded tetraurea calix[4]arene dimers. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1999</b> , 669-672		60
89	Detecting diffusion-diffraction patterns in size distribution phantoms using double-pulsed field gradient NMR: Theory and experiments. <i>Journal of Chemical Physics</i> , <b>2010</b> , 132, 034703	3.9	59
88	White matter changes in multiple sclerosis: correlation of q-space diffusion MRI and 1H MRS. <i>Magnetic Resonance Imaging</i> , <b>2005</b> , 23, 703-10	3.3	56
87	Molecules at close range: encapsulated solvent molecules in pyrogallol[4]arene hexameric capsules. <i>Organic Letters</i> , <b>2006</b> , 8, 219-22	6.2	54
86	Diffusion coefficients of macrocyclic complexes using the PGSE NMR technique: determination of association constants. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1994</b> , 1901		54
85	Anion-assisted supramolecular polymerization: from achiral AB-type monomers to chiral assemblies. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 11956-61	16.4	53
84	Self-assembly dynamics of modular homoditopic bis-calix[5]arenes and long-chain alpha,omega-alkanediyl diammonium components. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 7280-9	4.2	53
83	Potential <sup>129</sup> Xe-NMR biosensors based on secondary and tertiary complexes of a water-soluble pillar[5]arene derivative. <i>Chemical Communications</i> , <b>2013</b> , 49, 7082-4	5.8	52
82	Encapsulated or not encapsulated? Mapping alcohol sites in hexameric capsules of resorcin[4]arenes in solution by diffusion NMR spectroscopy. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 428-31	16.4	50
81	Noncovalent synthesis in aqueous solution and spectroscopic characterization of multi-porphyrin complexes. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 2722-9	4.8	50
80	Diffusion measurements for molecular capsules: pulse sequences effect on water signal decay. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 5714-9	16.4	49
79	High b-value q-space diffusion MRS of nerves: structural information and comparison with histological evidence. <i>NMR in Biomedicine</i> , <b>2008</b> , 21, 165-74	4.4	47
78	Accurate noninvasive measurement of cell size and compartment shape anisotropy in yeast cells using double-pulsed field gradient MR. <i>NMR in Biomedicine</i> , <b>2012</b> , 25, 236-46	4.4	46
77	Probing microscopic architecture of opaque heterogeneous systems using double-pulsed-field-gradient NMR. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 6028-35	16.4	46
76	Octahydroxypyridine[4]arene self-assembles spontaneously to form hexameric capsules and dimeric aggregates. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 7659-63	4.8	46
75	q-Space high b value diffusion MRI of hemi-crush in rat spinal cord: evidence for spontaneous regeneration. <i>Magnetic Resonance Imaging</i> , <b>2002</b> , 20, 231-41	3.3	45
74	QSI and DTI of excised brains of the myelin-deficient rat. <i>NeuroImage</i> , <b>2009</b> , 48, 109-16	7.9	44
73	Bis(bipyridine)-phenanthroline double-stranded helicates of the metals: zinc(II), silver(I) and copper(I) helicates. <i>New Journal of Chemistry</i> , <b>1999</b> , 23, 337-344	3.6	44

72	Compensation of steric demand by cation-pi interactions, cobaltocenium cations as guests in tetraurea calix[4]arene dimers. <i>Organic and Biomolecular Chemistry</i> , <b>2003</b> , 1, 2011-4	3.9	43
71	Self-assembly of resorcin[4]arene in the presence of small alkylammonium guests in solution. <i>Organic Letters</i> , <b>2008</b> , 10, 1505-8	6.2	42
70	Novel Phenanthroline-Containing Trinuclear Double-Stranded Helicates: Self-Recognition between Helicates with Phenanthroline and Bipyridine Binding Sites. <i>Journal of Organic Chemistry</i> , <b>1999</b> , 64, 9358-9364	4.3	42
69	Three-dimensional water diffusion in impermeable cylindrical tubes: theory versus experiments. <i>NMR in Biomedicine</i> , <b>2008</b> , 21, 888-98	4.4	41
68	High b-value q-space diffusion MRI in myelin-deficient rat spinal cords. <i>Magnetic Resonance Imaging</i> , <b>2006</b> , 24, 161-6	3.3	41
67	Phosphonium pillar[5]arenes as a new class of efficient biofilm inhibitors: importance of charge cooperativity and the pillar platform. <i>Chemical Communications</i> , <b>2016</b> , 52, 10656-9	5.8	41
66	Mapping apparent eccentricity and residual ensemble anisotropy in the gray matter using angular double-pulsed-field-gradient MRI. <i>Magnetic Resonance in Medicine</i> , <b>2012</b> , 68, 794-806	4.4	39
65	Improved detectability of experimental allergic encephalomyelitis in excised swine spinal cords by high b-value q-space DWI. <i>Experimental Neurology</i> , <b>2005</b> , 195, 437-46	5.7	38
64	Self-Diffusion of Charged Polycyclic Systems and Their Parent Compounds: A PGSE NMR Study. <i>Angewandte Chemie International Edition in English</i> , <b>1995</b> , 34, 816-818		37
63	Observation of restricted diffusion in the presence of a free diffusion compartment: single- and double-PFG experiments. <i>Journal of Magnetic Resonance</i> , <b>2009</b> , 200, 214-25	3	34
62	Magnetic resonance imaging by synergistic diffusion-diffraction patterns. <i>Physical Review Letters</i> , <b>2012</b> , 108, 058103	7.4	34
61	The effect of alcohol structures on the interaction mode with the hexameric capsule of resorcin[4]arene. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 8515-20	4.8	32
60	Hypertension and neuronal degeneration in excised rat spinal cord studied by high-b value q-space diffusion magnetic resonance imaging. <i>Experimental Neurology</i> , <b>2003</b> , 184, 726-36	5.7	31
59	Detection of different water populations in brain tissue using <sup>2</sup> H single- and double-quantum-filtered diffusion NMR spectroscopy. <i>Journal of Magnetic Resonance Series B</i> , <b>1996</b> , 112, 151-9		29
58	High b-value diffusion imaging of dementia: application to vascular dementia and alzheimer disease. <i>Journal of the Neurological Sciences</i> , <b>2007</b> , 257, 105-13	3.2	27
57	Alginate-coated magnetic nanoparticles for noninvasive MRI of extracellular calcium. <i>NMR in Biomedicine</i> , <b>2014</b> , 27, 774-83	4.4	26
56	The effect of experimental parameters on the signal decay in double-PGSE experiments: negative diffractions and enhancement of structural information. <i>Journal of Magnetic Resonance</i> , <b>2008</b> , 195, 153-61	3.1	26
55	NMR diffusion coefficients of p-tert-butylcalix[n]arene systems. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1995</b> , 1183		26

54	NMR characterization of general compartment size distributions. <i>New Journal of Physics</i> , <b>2011</b> , 13, 15010.9	4.9	25
53	Self-assembled ionophores from isoguanosine: diffusion NMR spectroscopy clarifies cationic and anionic influence on supramolecular structure. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 1969-77	4.8	25
52	Overcoming apparent susceptibility-induced anisotropy (aSIA) by bipolar double-pulsed-field-gradient NMR. <i>Journal of Magnetic Resonance</i> , <b>2011</b> , 212, 362-9	3	24
51	Effect of experimental parameters on high b-value q-space MR images of excised rat spinal cord. <i>Magnetic Resonance in Medicine</i> , <b>2005</b> , 54, 96-104	4.4	23
50	Diffusion NMR for the characterization, in solution, of supramolecular systems based on calixarenes, resorcinarenes, and other macrocyclic arenes. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 1705-1718	5.2	22
49	Diffusion MRI of the spinal cord: from structural studies to pathology. <i>NMR in Biomedicine</i> , <b>2017</b> , 30, e3592	4.4	21
48	In situ interactions of different guests with the hexameric capsule of resorcin[4]arene. <i>Supramolecular Chemistry</i> , <b>2010</b> , 22, 803-807	1.8	18
47	pH-Responsive Pillar[6]arene-based Water-Soluble Supramolecular Hexagonal Boxes. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 5302-5306	16.4	18
46	Anion-Assisted Supramolecular Polymerization: From Achiral AB-Type Monomers to Chiral Assemblies. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 12162-12167	3.6	17
45	Encapsulated or Not Encapsulated? Mapping Alcohol Sites in Hexameric Capsules of Resorcin[4]arenes in Solution by Diffusion NMR Spectroscopy. <i>Angewandte Chemie</i> , <b>2010</b> , 122, 438-441	3.6	17
44	Enantiomer discrimination using lipophilic cyclodextrins studied by electrode response, pulsed-gradient spin-echo (PGSE) NMR and relaxation rate measurements. <i>Journal of the Chemical Society Perkin Transactions II</i> , <b>1998</b> , 19-24		16
43	High Exchange Rate Complexes of Xe with Water-Soluble Pillar[5]arenes for Adjustable Magnetization Transfer MRI. <i>ChemPhysChem</i> , <b>2019</b> , 20, 246-251	3.2	15
42	Unique organization of solvent molecules within the hexameric capsules of pyrogallol[4]arene in solution. <i>Organic Letters</i> , <b>2014</b> , 16, 5592-5	6.2	15
41	Hexameric Capsules Studied by Magic Angle Spinning Solid-State NMR Spectroscopy: Identifying Solvent Molecules in Pyrogallol[4]arene Capsules. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 904-7	16.4	14
40	Calix[4, 5]tetrolarenes: A New Family of Macrocycles. <i>Organic Letters</i> , <b>2017</b> , 19, 3719-3722	6.2	13
39	Structural changes in glutamate cell swelling followed by multiparametric q-space diffusion MR of excised rat spinal cord. <i>Magnetic Resonance Imaging</i> , <b>2004</b> , 22, 661-72	3.3	13
38	pH-Responsive Pillar[6]arene-based Water-Soluble Supramolecular Hexagonal Boxes. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 5356-5360	3.6	13
37	Encapsulated or Not Encapsulated? Ammonium Salts Can Be Encapsulated in Hexameric Capsules of Pyrogallol[4]arene. <i>Organic Letters</i> , <b>2016</b> , 18, 936-9	6.2	12

36	Measuring small compartments with relatively weak gradients by angular double-pulsed-field-gradient NMR. <i>Magnetic Resonance Imaging</i> , <b>2013</b> , 31, 401-7	3.3	12
35	Modeling of the diffusion MR signal in calibrated model systems and nerves. <i>NMR in Biomedicine</i> , <b>2013</b> , 26, 1787-95	4.4	12
34	Water hydration of macrocyclic systems in organic solvents: an NMR diffusion and chemical shift study. <i>Chemical Communications</i> , <b>1996</b> , 911	5.8	12
33	Pillararene-Based Two-Component Thixotropic Supramolecular Organogels: Complementarity and Multivalency as Prominent Motifs. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 15750-15755	4.8	11
32	Microstructural information from angular double-pulsed-field-gradient NMR: From model systems to nerves. <i>Magnetic Resonance in Medicine</i> , <b>2015</b> , 74, 25-32	4.4	11
31	Thio-ether-footed resorcin[4]arenes: self-assembly in solution and interaction with gold nanoparticles as viewed by diffusion NMR. <i>Tetrahedron</i> , <b>2009</b> , 65, 7268-7276	2.4	11
30	Target-specific ligands and gadolinium-based complexes for imaging of dopamine receptors: synthesis, binding affinity, and relaxivity. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 7001-12	4.2	10
29	Crossing fibers, diffractions and nonhomogeneous magnetic field: correction of artifacts by bipolar gradient pulses. <i>Magnetic Resonance Imaging</i> , <b>2008</b> , 26, 801-8	3.3	10
28	Spatial and temporal damage evolution after hemi-crush injury in rat spinal cord obtained by high b-value q-space diffusion magnetic resonance imaging. <i>Journal of Neurotrauma</i> , <b>2007</b> , 24, 481-91	5.4	10
27	Shape induced sorting via rim-to-rim complementarity in the formation of pillar[5, 6]arene-based supramolecular organogels. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 3348-3354	5.2	9
26	Diffusion NMR in Supramolecular Chemistry and Complexed Systems <b>2012</b> , 197-285		9
25	Synthesis, binding affinity, and relaxivity of target-specific MRI contrast agents. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2007</b> , 59, 323-329		9
24	Relative hydrophilicities of and formamides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 19815-19820	11.5	8
23	Single- and double-Diffusion encoding MRI for studying ex vivo apparent axon diameter distribution in spinal cord white matter. <i>NMR in Biomedicine</i> , <b>2019</b> , 32, e4170	4.4	8
22	White matter maturation in the brains of Long Evans shaker myelin mutant rats by ex-vivo QSI and DTI. <i>Magnetic Resonance Imaging</i> , <b>2013</b> , 31, 1097-104	3.3	8
21	Longitudinal MRI and MRSI characterization of the quinolinic acid rat model for excitotoxicity: peculiar apparent diffusion coefficients and recovery of N-acetyl aspartate levels. <i>NMR in Biomedicine</i> , <b>2010</b> , 23, 196-206	4.4	8
20	Bis-resorcin[4]arene Selectively Forms Hexameric Capsules in Apolar Solvents: Evidence from Diffusion NMR. <i>Organic Letters</i> , <b>2018</b> , 20, 3958-3961	6.2	7
19	The effect of the rotational angle on MR diffusion indices in nerves: is the rms displacement of the slow-diffusing component a good measure of fiber orientation?. <i>Journal of Magnetic Resonance</i> , <b>2008</b> , 190, 33-42	3	7

18	Diffusion NMR in Supramolecular Chemistry	163-219		7
17	Design Guidelines for Cationic Pillar[n]arenes that Prevent Biofilm Formation by Gram-Positive Pathogens. <i>ACS Infectious Diseases</i> , <b>2021</b> , 7, 579-585		5.5	7
16	Kinetic Stabilities and Exchange Dynamics of Water-Soluble Bis-Formamide Caviplexes Studied Using Diffusion-Ordered NMR Spectroscopy (DOSY). <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 8220-8225		4.8	6
15	q-Space diffusion MRI (QSI) of the disease progression in the spinal cords of the Long Evans shaker: diffusion time and apparent anisotropy. <i>NMR in Biomedicine</i> , <b>2013</b> , 26, 1879-86		4.4	6
14	Inferring Microstructural Information of White Matter from Diffusion MRI	<b>2009</b> , 127-146		6
13	Selbstdiffusion von geladenen polycyclischen Arenen und ihren Stammverbindungen: eine PGSE-NMR-Studie. <i>Angewandte Chemie</i> , <b>1995</b> , 107, 888-891		3.6	6
12	Solution NMR of synthetic cavity containing supramolecular systems: what have we learned on and from?. <i>Chemical Communications</i> , <b>2021</b> , 57, 8856-8884		5.8	6
11	Studying microstructure and microstructural changes in plant tissues by advanced diffusion magnetic resonance imaging techniques. <i>Journal of Experimental Botany</i> , <b>2017</b> , 68, 2245-2257		7	5
10	The interaction of water molecules with purple membrane suspension using 2H double-quantum filter, 1H and 2H diffusion nuclear magnetic resonance. <i>Biopolymers</i> , <b>2004</b> , 75, 46-59		2.2	5
9	Temperature-Dependent and pH-Responsive Pillar[5]arene-Based Complexes and Hydrogen-Bond-Based Supramolecular Pentagonal Boxes in Water. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 11250-11255		4.8	4
8	Extracting Geometric Properties of White Matter with q-Space Diffusion MRI (QSI)	<b>2010</b> , 125-151		3
7	Constant gradient FEXSY: A time-efficient method for measuring exchange. <i>Journal of Magnetic Resonance</i> , <b>2020</b> , 311, 106667		3	3
6	Hydrogen Bond Hexameric Capsules: Structures, Host-Guest Interactions, Guest Affinities, and Catalysis	<b>2016</b> , 811-842		2
5	Pore sizes and directionality in microcapillaries from angular double-pulsed-field-gradient NMR. <i>Microporous and Mesoporous Materials</i> , <b>2016</b> , 225, 105-115		5.3	2
4	Inferring Microstructural Information of White Matter from Diffusion MRI	<b>2014</b> , 185-208		2
3	Tropylium cation capsule of hydrogen-bonded tetraurea calix[4]arene dimers. <i>Perkin Transactions II RSC</i> , <b>2002</b> , 88-93			1
2	Hexameric Capsules Studied by Magic Angle Spinning Solid-State NMR Spectroscopy: Identifying Solvent Molecules in Pyrogallol[4]arene Capsules. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 916-919		3.6	1
1	Aggregation Mode, Host-Guest Chemistry in Water, and Extraction Capability of an Uncharged, Water-Soluble, Liquid Pillar[5]arene Derivative. <i>ChemistryOpen</i> , <b>2021</b> , 10, 1111-1115		2.3	



