

Roberto R. Gil

List of Publications by Year in descending order

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135
papers

6,651
citations

61857

43
h-index

71532

76
g-index

140
all docs

140
docs citations

140
times ranked

6655
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Evidence for the Quasi-“Living” Nature of the Grignard Metathesis Method for the Synthesis of Regioregular Poly(3-alkylthiophenes). <i>Macromolecules</i> , 2005, 38, 8649-8656.	2.2	609
2	Monoplatinum Doping of Gold Nanoclusters and Catalytic Application. <i>Journal of the American Chemical Society</i> , 2012, 134, 16159-16162.	6.6	444
3	Probing the Structure and Charge State of Glutathione-Capped Au ₂₅ (SG) ₁₈ Clusters by NMR and Mass Spectrometry. <i>Journal of the American Chemical Society</i> , 2009, 131, 6535-6542.	6.6	271
4	A Simple ¹³ C-Backbone Modification Preorganizes Peptide Nucleic Acid into a Helical Structure. <i>Journal of the American Chemical Society</i> , 2006, 128, 10258-10267.	6.6	251
5	Crystal Structure of Barrel-Shaped Chiral Au ₁₃₀ (p-MBT) ₅₀ Nanocluster. <i>Journal of the American Chemical Society</i> , 2015, 137, 10076-10079.	6.6	232
6	Tri-icosahedral Gold Nanocluster [Au ₃₇ (PPh ₃) ₁₀ (SC ₂ H ₄ Ph) ₁₀ X ₂] _n as a Linear Assembly of Icosahedral Building Blocks. <i>ACS Nano</i> , 2015, 9, 8530-8536.	7.2	165
7	Synthesis of Hydroxy-Telechelic Poly(methyl acrylate) and Polystyrene by Atom Transfer Radical Coupling. <i>Macromolecules</i> , 2004, 37, 9694-9700.	2.2	135
8	Polystyrene with Improved Chain-End Functionality and Higher Molecular Weight by ARGET ATRP. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 32-39.	1.1	131
9	Bioactive Depsides and Anthocyanins from Jaboticaba (<i>Myrciaria cauliflora</i>). <i>Journal of Natural Products</i> , 2006, 69, 1228-1230.	1.5	117
10	Computer-Assisted 3D Structure Elucidation (CASE-3D) of Natural Products Combining Isotropic and Anisotropic NMR Parameters. <i>Journal of Natural Products</i> , 2018, 81, 203-210.	1.5	108
11	Amarogentin, a Naturally Occurring Secoiridoid Glycoside and a Newly Recognized Inhibitor of Topoisomerase I from <i>Leishmania donovani</i> . <i>Journal of Natural Products</i> , 1996, 59, 27-29.	1.5	107
12	Residual Dipolar Couplings (RDCs) Analysis of Small Molecules Made Easy: Fast and Tuneable Alignment by Reversible Compression/Relaxation of Reusable PMMA Gels. <i>Chemistry - A European Journal</i> , 2010, 16, 3622-3626.	1.7	106
13	Constitutional, Configurational, and Conformational Analysis of Small Organic Molecules on the Basis of NMR Residual Dipolar Couplings. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7222-7224.	7.2	105
14	Application of anisotropic NMR parameters to the confirmation of molecular structure. <i>Nature Protocols</i> , 2019, 14, 217-247.	5.5	101
15	Stretched Poly(methyl methacrylate) Gel Aligns Small Organic Molecules in Chloroform. Stereochemical Analysis and Diastereotopic Proton NMR Assignment in Ludartin Using Residual Dipolar Couplings and ³ J Coupling Constant Analysis. <i>Journal of Organic Chemistry</i> , 2008, 73, 840-848.	1.7	100
16	Cytotoxic chalcones and antioxidants from the fruits of <i>Syzygium samarangense</i> (Wax Jambu). <i>Food Chemistry</i> , 2008, 107, 813-819.	4.2	99
17	Crystal Structure of Chiral ¹³ C-PNA with Complementary DNA Strand: Insights into the Stability and Specificity of Recognition and Conformational Preorganization. <i>Journal of the American Chemical Society</i> , 2010, 132, 10717-10727.	6.6	98
18	Exploring stereoselectivity of Au ₂₅ nanoparticle catalyst for hydrogenation of cyclic ketone. <i>Journal of Catalysis</i> , 2010, 271, 155-160.	3.1	95

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19	Chirality in Gold Nanoclusters Probed by NMR Spectroscopy. <i>ACS Nano</i> , 2011, 5, 8935-8942.	7.3	93
20	Computer-Assisted 3D Structure Elucidation of Natural Products using Residual Dipolar Couplings. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3660-3664.	7.2	90
21	Functional assessment of human dendritic cells labeled for in vivo ¹⁹ F magnetic resonance imaging cell tracking. <i>Cytotherapy</i> , 2010, 12, 238-250.	0.3	87
22	Determination of Relative Configuration from Residual Chemical Shift Anisotropy. <i>Journal of the American Chemical Society</i> , 2016, 138, 9548-9556.	6.6	86
23	Comparison of the Thermo-responsive Deswelling Kinetics of Poly(2-(2-methoxyethoxy)ethyl) Tj ETQq1 1 0.784314 μ gBT / Overlock 10 TF	2.2	83
24	Conjugated Polymers with Repeated Sequences of Group 16 Heterocycles Synthesized through Catalyst-Transfer Polycondensation. <i>Journal of the American Chemical Society</i> , 2016, 138, 6798-6804.	6.6	75
25	Withanolides and Related Steroids. <i>Progress in the Chemistry of Organic Natural Products</i> , 2011, 94, 127-229.	0.8	73
26	Secondary organic aerosol formation from multiphase oxidation of limonene by ozone: mechanistic constraints via two-dimensional heteronuclear NMR spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 7810.	1.3	69
27	Structural Discrimination in Small Molecules by Accurate Measurement of Long-Range Proton-Carbon NMR Residual Dipolar Couplings. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7576-7580.	7.2	65
28	NMRReDATA, a standard to report the NMR assignment and parameters of organic compounds. <i>Magnetic Resonance in Chemistry</i> , 2018, 56, 703-715.	1.1	61
29	Is Enantiomer Assignment Possible by NMR Spectroscopy Using Residual Dipolar Couplings from Chiral Nonracemic Alignment Media? A Critical Assessment. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8388-8391.	7.2	60
30	Synthesis and characterization of copolymers of 5,6-benzo-2-methylene-1,3-dioxepane and n-butyl acrylate. <i>Polymer</i> , 2005, 46, 11698-11706.	1.8	59
31	Swertifrancheside, an HIV-Reverse Transcriptase Inhibitor and the First Flavone-Xanthone Dimer, from <i>Swertia franchetiana</i> . <i>Journal of Natural Products</i> , 1994, 57, 211-217.	1.5	56
32	Antioxidant and Cytotoxic Isoprenylated Coumarins from <i>Mammea americana</i> . <i>Planta Medica</i> , 2005, 71, 852-860.	0.7	56
33	Stille Catalyst-Transfer Polycondensation Using PdPEPSSI-Pr for High-Molecular-Weight Regioregular Poly(3-hexylthiophene). <i>Macromolecular Rapid Communications</i> , 2015, 36, 840-844.	2.0	56
34	Induction of Quinone Reductase by Withanolides. <i>Journal of Natural Products</i> , 2002, 65, 677-680.	1.5	55
35	Stereochemistry Determination by Powder X-Ray Diffraction Analysis and NMR Spectroscopy Residual Dipolar Couplings. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5670-5674.	7.2	55
36	Collection of NMR Scalar and Residual Dipolar Couplings Using a Single Experiment. <i>Chemistry - A European Journal</i> , 2016, 22, 472-476.	1.7	55

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37	Probing Spatial Distribution of Alignment by Deuterium NMR Imaging. <i>Chemistry - A European Journal</i> , 2013, 19, 7013-7019.	1.7	52
38	Alkaloids in Bufonid Toads (<i>Melanophryniscus</i>): Temporal and Geographic Determinants for Two Argentinian Species. <i>Journal of Chemical Ecology</i> , 2007, 33, 871-887.	0.9	51
39	Quantifying Vinyl Monomer Coordination to Culin Solution and the Effect of Coordination on Monomer Reactivity in Radical Copolymerization. <i>Macromolecules</i> , 2005, 38, 4081-4088.	2.2	50
40	Solution Structure of a Peptide Nucleic Acid Duplex from NMR Data: Features and Limitations. <i>Journal of the American Chemical Society</i> , 2008, 130, 13264-13273.	6.6	50
41	End-group effects on the properties of PEG-co-PGA hydrogels. <i>Acta Biomaterialia</i> , 2009, 5, 1872-1883.	4.1	49
42	Synthesis and Characterization of an Amphiphilic Cyclodextrin, a Micelle with Two Recognition Sites. <i>Langmuir</i> , 2008, 24, 3718-3726.	1.6	48
43	Nickel-Catalyzed Suzuki Polycondensation for Controlled Synthesis of Ester-Functionalized Conjugated Polymers. <i>Macromolecules</i> , 2016, 49, 4757-4762.	2.2	46
44	Synthesis of Polyfuran and Thiophene-Furan Alternating Copolymers Using Catalyst-Transfer Polycondensation. <i>ACS Macro Letters</i> , 2016, 5, 332-336.	2.3	44
45	10-Epideoxycumambrin b and other constituents of <i>Stevia yaconensis</i> var. <i>subeglandulosa</i> . <i>Phytochemistry</i> , 1989, 28, 1925-1929.	1.4	43
46	Fe-TAML/hydrogen peroxide degradation of concentrated solutions of the commercial azo dye tartrazine. <i>Catalysis Science and Technology</i> , 2011, 1, 437.	2.1	43
47	Four diterpene esters from <i>Euphorbia myrsinites</i> . <i>Phytochemistry</i> , 1995, 38, 1457-1462.	1.4	42
48	Removal of ecotoxicity of 17 β -ethinylestradiol using TAML/peroxide water treatment. <i>Scientific Reports</i> , 2015, 5, 10511.	1.6	42
49	Potent antiprotozoal activity of a novel semi-synthetic berberine derivative. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 2606-2610.	1.0	40
50	New strategy for RDC-assisted diastereotopic proton assignment using a combination of $\langle i \rangle \langle /i \rangle$ -scaled BIRD HSQC and $\langle i \rangle \langle /i \rangle$ -scaled BIRD HMQC/HSQC. <i>Magnetic Resonance in Chemistry</i> , 2012, 50, S86-91.	1.1	40
51	Pregnane glycosides from <i>Caralluma Umbellata</i> . <i>Phytochemistry</i> , 1994, 35, 1549-1553.	1.4	38
52	ent-Pimarane type diterpenes from <i>Gnaphalium gaudichaudianum</i> . <i>Phytochemistry</i> , 2003, 62, 569-572.	1.4	37
53	A novel activity for a group of sesquiterpene lactones: inhibition of aromatase. <i>FEBS Letters</i> , 1997, 409, 396-400.	1.3	35
54	Structural mobility of molecular bottle-brushes investigated by NMR relaxation dynamics. <i>Polymer</i> , 2007, 48, 496-501.	1.8	35

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55	Controlling magnetism of Au ₁₃₃ (TBBT) ₅₂ nanoclusters at single electron level and implication for nonmetal to metal transition. <i>Chemical Science</i> , 2019, 10, 9684-9691.	3.7	35
56	Lupane Derivatives from <i>Lophopetalum wallichii</i> with Farnesyl Protein Transferase Inhibitory Activity. <i>Journal of Natural Products</i> , 1996, 59, 658-663.	1.5	33
57	Novel cytotoxic ring-a seco-cycloartane triterpenes from <i>Gardenia coronaria</i> and <i>G. sootepensis</i> . <i>Tetrahedron</i> , 1997, 53, 529-538.	1.0	32
58	Phytotoxic Withanolides from <i>Jaborosarotacea</i> . <i>Journal of Natural Products</i> , 2006, 69, 783-789.	1.5	32
59	TAML/H ₂ O ₂ Oxidative Degradation of Metaldehyde: Pursuing Better Water Treatment for the Most Persistent Pollutants. <i>Environmental Science & Technology</i> , 2016, 50, 5261-5268.	4.6	32
60	Cytotoxicity and NMR Spectral Assignments of Ergolide and Bigelovin. <i>Planta Medica</i> , 1996, 62, 166-168.	0.7	30
61	Probing heterocycle conformation with residual dipolar couplings. <i>Chemical Communications</i> , 2010, 46, 5879.	2.2	30
62	Shape selective bifacial recognition of double helical DNA. <i>Communications Chemistry</i> , 2018, 1, .	2.0	30
63	Anacardoside from the seeds of <i>Semecarpus anacardium</i> . <i>Phytochemistry</i> , 1995, 39, 405-407.	1.4	28
64	Unprecedented stereoselective synthesis of cyclopenta[b]benzofuran derivatives and their characterisation assisted by aligned media NMR and ¹³ C chemical shift ab initio predictions. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3170.	1.5	28
65	Conformational Analysis of the Anti-obesity Drug Lorcaserin in Water: How To Take Advantage of Long-Range Residual Dipolar Couplings. <i>Chemistry - A European Journal</i> , 2013, 19, 14989-14997.	1.7	27
66	One-Shot Determination of Residual Dipolar Couplings: Application to the Structural Discrimination of Small Molecules Containing Multiple Stereocenters. <i>Journal of Organic Chemistry</i> , 2016, 81, 11126-11131.	1.7	27
67	Homogeneous Catalysis Under Ultradilute Conditions: TAML/NaClO Oxidation of Persistent Metaldehyde. <i>Journal of the American Chemical Society</i> , 2017, 139, 879-887.	6.6	27
68	Design of Bivalent Nucleic Acid Ligands for Recognition of RNA-Repeated Expansion Associated with Huntington's Disease. <i>Biochemistry</i> , 2018, 57, 2094-2108.	1.2	26
69	Herpotrichones A and B, Two Intermolecular [4 + 2] Adducts with Anti-Neuroinflammatory Activity from a <i>Herpotrichia</i> Species. <i>Organic Letters</i> , 2020, 22, 405-409.	2.4	26
70	Deuterium Residual Quadrupolar Couplings: Crossing the Current Frontiers in the Relative Configuration Analysis of Natural Products. <i>Journal of Natural Products</i> , 2020, 83, 3141-3148.	1.5	26
71	Biologically Active Compounds from the Euphorbiaceae; 2. Two Triterpenoids of <i>Euphorbia cyparissias</i> . <i>Planta Medica</i> , 1994, 60, 594-596.	0.7	25
72	Withanolides from <i>Vassobia lorentzii</i> . <i>Journal of Natural Products</i> , 2000, 63, 1329-1332.	1.5	25

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73	¹ H NMR and Optical Spectroscopic Investigation of the Sequence-Dependent Dimerization of a Symmetrical Cyanine Dye in the DNA Minor Groove. <i>Biochemistry</i> , 2005, 44, 15924-15929.	1.2	25
74	New Withanolides from <i>Salpichroa organifolia</i> . <i>Journal of Natural Products</i> , 1994, 57, 1741-1745.	1.5	24
75	Progressive Stereo Locking (PSL): A Residual Dipolar Coupling Based Force Field Method for Determining the Relative Configuration of Natural Products and Other Small Molecules. <i>ACS Chemical Biology</i> , 2017, 12, 2157-2163.	1.6	24
76	Cyclic Peptide Design Guided by Residual Dipolar Couplings, ¹ J^C-Couplings, and Intramolecular Hydrogen Bond Analysis. <i>Journal of Organic Chemistry</i> , 2019, 84, 4803-4813.	1.7	24
77	Cardenolides from <i>Nierembergia aristata</i> . <i>Journal of Natural Products</i> , 1995, 58, 848-856.	1.5	23
78	16-Hydroxylated Withanolides from <i>Exodeconus maritimus</i> . <i>Journal of Natural Products</i> , 1997, 60, 568-572.	1.5	23
79	The structure of a ¹³ C-modified peptide nucleic acid duplex. <i>Molecular BioSystems</i> , 2010, 6, 1619.	2.9	23
80	Measurement of residual chemical shift anisotropies in compressed polymethylmethacrylate gels. Automatic compensation of gel isotropic shift contribution. <i>Magnetic Resonance in Chemistry</i> , 2018, 56, 321-328.	1.1	23
81	Computer-Assisted 3D Structure Elucidation (CASE ³ D): The Structural Value of 2 J _{CH} in Addition to 3 J _{CH} Coupling Constants. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3938-3941.	7.2	23
82	Determination of the absolute configuration of 19-OH-(-)-eburnamonine using a combination of residual dipolar couplings, DFT chemical shift predictions, and chiroptics. <i>Natural Product Communications</i> , 2012, 7, 735-8.	0.2	23
83	Application of Residual Dipolar Couplings and Selective Quantitative NOE to Establish the Structures of Tetranortriterpenoids from <i>Xylocarpus rumphii</i> . <i>Journal of Natural Products</i> , 2017, 80, 391-402.	1.5	22
84	Novel Withanolides from <i>Jaborosa sativa</i> . <i>Journal of Natural Products</i> , 1995, 58, 705-711.	1.5	21
85	Antifungal activity of <i>Heterothalamus alienus</i> metabolites. <i>Phytotherapy Research</i> , 2008, 22, 524-528.	2.8	21
86	Di(ethylene glycol) methyl ether methacrylate (DEGMEMA)-derived gels align small organic molecules in methanol. <i>Magnetic Resonance in Chemistry</i> , 2017, 55, 206-209.	1.1	21
87	A rearranged germacranolide and other sesquiterpene lactones from <i>Stevia jujuyensis</i> . <i>Phytochemistry</i> , 1992, 31, 593-596.	1.4	20
88	Aleppicatin A and B from <i>Euphorbia aleppica</i> . <i>Phytochemistry</i> , 1996, 42, 473-478.	1.4	20
89	15,21-Cyclowithanolides from <i>Jaborosa bergii</i> . <i>Journal of Natural Products</i> , 2003, 66, 1471-1475.	1.5	19
90	Constituents of two <i>Flourensia</i> species. <i>Phytochemistry</i> , 2004, 65, 2039-2043.	1.4	17

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91	Mechanical Behavior of Polymer Gels for RDCs and RCSAs Collection: NMR Imaging Study of Buckling Phenomena. <i>Chemistry - A European Journal</i> , 2016, 22, 16632-16635.	1.7	17
92	¹ J _{CH} NMR Profile: Identification of Key Structural Features and Functionalities by Visual Observation and Direct Measurement of One-Bond Proton-Carbon Coupling Constants. <i>Journal of Organic Chemistry</i> , 2017, 82, 2040-2044.	1.7	17
93	Computer-Assisted 3D Structure Elucidation of Natural Products using Residual Dipolar Couplings. <i>Angewandte Chemie</i> , 2017, 129, 3714-3718.	1.6	17
94	Longipinanes and a germacranolide carboxylic acid from <i>Stevia potrerensis</i> . <i>Phytochemistry</i> , 1987, 26, 1459-1461.	1.4	16
95	In vitro inhibition of <i>Paenibacillus</i> larvae by different extracts and pure compounds from <i>Flourensia</i> spp. <i>Industrial Crops and Products</i> , 2013, 50, 758-763.	2.5	16
96	Montbretol and Salvinolone Are Identical. <i>Journal of Natural Products</i> , 1994, 57, 181-185.	1.5	15
97	Prenylated lignans from <i>Haplophyllum ptilostylum</i> . <i>Phytochemistry</i> , 1995, 39, 417-422.	1.4	15
98	Azorellane diterpenes from <i>Azorella cryptantha</i> . <i>Phytochemistry</i> , 2004, 65, 2085-2089.	1.4	15
99	Prenylflavonoids from <i>Flourensia fiebrigii</i> . <i>Phytochemistry</i> , 2007, 68, 1295-1299.	1.4	15
100	Self-Sensitized Photooxygenation of 2-H-Pyrans: Characterization of Unexpected Products Assisted by Computed Structural Elucidation and Residual Dipolar Couplings. <i>Journal of Organic Chemistry</i> , 2015, 80, 7396-7402.	1.7	15
101	Guaianolides from <i>Stevia sanguinea</i> . <i>Phytochemistry</i> , 1989, 28, 2841-2843.	1.4	14
102	Withanolides with Phytotoxic Activity from <i>Jaborosa caulescens</i> var. <i>caulescens</i> and <i>J. caulescens</i> var. <i>bipinnatifida</i> . <i>Journal of Natural Products</i> , 2007, 70, 808-812.	1.5	14
103	Structural discrimination from <i>in situ</i> measurement of ¹ D _{CH} and ² D _{HH} residual dipolar coupling constants. <i>Magnetic Resonance in Chemistry</i> , 2017, 55, 540-545.	1.1	14
104	New Stretching Method for Aligning Gels: Its Application to the Measurement Residual Chemical Shift Anisotropies (RCSAs) without the Need for Isotropic Shift Correction. <i>Chemistry - A European Journal</i> , 2018, 24, 3689-3693.	1.7	13
105	Phytochemical Study of <i>Senecio volckmannii</i> Assisted by CASE-3D with Residual Dipolar Couplings and Isotropic ¹ H/ ¹³ C NMR Chemical Shifts. <i>Journal of Natural Products</i> , 2018, 81, 2329-2337.	1.5	13
106	A guaianolide from <i>Stevia breviaristata</i> . <i>Phytochemistry</i> , 1986, 25, 1479-1480.	1.4	11
107	Reference-free NOE NMR analysis. <i>Chemical Science</i> , 2020, 11, 9930-9936.	3.7	11
108	Cross-Linked Polyacrylomorpholine: A Flexible and Reversibly Compressible Aligning Gel for Anisotropic NMR Analysis of Peptides and Small Molecules in Water. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26314-26319.	7.2	11

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109	Antioxidant and free radical scavenging activities of <i>Misodendrum punctulatum</i> , <i>myzodendrone</i> and structurally related phenols. <i>Phytotherapy Research</i> , 2005, 19, 1043-1047.	2.8	9
110	Effect of the solvent on the conformation of monocrotaline as determined by isotropic and anisotropic NMR parameters. <i>Magnetic Resonance in Chemistry</i> , 2021, 59, 561-568.	1.1	9
111	Cytotoxic lignans from <i>Haplophyllum</i> species. <i>Pure and Applied Chemistry</i> , 1994, 66, 2379-2382.	0.9	8
112	Heliangolides from <i>Stevia yaconensis</i> var. <i>Aristifera</i> . <i>Phytochemistry</i> , 1990, 29, 3881-3884.	1.4	7
113	Determination of the Absolute Configuration of 19-OH(-)-Eburnamonine Using a Combination of Residual Dipolar Couplings, DFT Chemical Shift Predictions, and Chiroptics. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.2	7
114	2J HH -resolved HSQC: Exclusive determination of geminal proton-proton coupling constants. <i>Journal of Magnetic Resonance</i> , 2017, 282, 18-26.	1.2	7
115	Au ₁₀ (TBBT) ₁₀ : The beginning and the end of Au _n (TBBT) _m nanoclusters. <i>Chinese Journal of Chemical Physics</i> , 2018, 31, 555-562.	0.6	7
116	A robust nickel catalyst with an unsymmetrical propyl-bridged diphosphine ligand for catalyst-transfer polymerization. <i>Polymer Journal</i> , 2020, 52, 83-92.	1.3	7
117	In support of the BMRB. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 854-860.	3.6	6
118	Structural and conformation analysis of sesquiterpene lactones by proton nuclear magnetic resonance. <i>Phytochemical Analysis</i> , 1992, 3, 258-262.	1.2	5
119	Terpenoids from <i>Microliabum polymnioides</i> . <i>Phytochemistry</i> , 2004, 65, 2557-2560.	1.4	5
120	Flavonoids and volatile constituents from <i>Achyrocline hyperchlora</i> . <i>Biochemical Systematics and Ecology</i> , 2007, 35, 720-724.	0.6	5
121	Stability and Reactivity of 1,3-Benzothiaphosphole: Metalation and Diels-Alder Chemistry. <i>Organometallics</i> , 2015, 34, 5366-5373.	1.1	5
122	Highly resolved HSQC experiments for the fast and accurate measurement of homonuclear and heteronuclear coupling constants. <i>Journal of Magnetic Resonance</i> , 2017, 282, 54-61.	1.2	5
123	Diterpenes from <i>Stevia gilliesii</i> . <i>Biochemical Systematics and Ecology</i> , 2004, 32, 45-53.	0.6	4
124	Modified secoiridoid from <i>Acicarpha tribuloides</i> and inhibition of nitric oxide production in LPS-activated macrophages. <i>Phytochemistry</i> , 2006, 67, 1534-1538.	1.4	4
125	Isotropic/Anisotropic NMR Editing by Resolution-Enhanced NMR Spectroscopy. <i>ChemPhysChem</i> , 2018, 19, 1024-1029.	1.0	4
126	Cross-linked polyacrylamorpholine: a flexible and reversibly compressible aligning gel for anisotropic NMR analysis of peptides and small molecules in water. <i>Angewandte Chemie</i> , 2021, 133, 26518.	1.6	4

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127	Proton and Carbon-13 NMR Studies of Steroids and Triterpenes. <i>Advances in Experimental Medicine and Biology</i> , 1996, 405, 281-297.	0.8	2
128	Reaction of $\hat{1}\pm$ -Haloketones with <i>ortho</i> -Dihydroxy-2-H-1-benzopyran-2-ones. Formation of $\hat{1}\pm$ -Pyrano-1,5-benzodioxapines-A New Heterocyclic System. <i>Synthetic Communications</i> , 1996, 26, 4655-4663.	1.1	2
129	New Withanolides from Two Varieties of <i>Jaborosa Caulescens</i> . <i>Molecules</i> , 2000, 5, 514-515.	1.7	2
130	MRC special issue on NMR of small molecules in anisotropic media. <i>Magnetic Resonance in Chemistry</i> , 2012, 50, S1.	1.1	1
131	Computer-Assisted 3D Structure Elucidation (CASE $\hat{3}$ D): The Structural Value of 2 J CH in Addition to 3 J CH Coupling Constants. <i>Angewandte Chemie</i> , 2020, 132, 3966-3969.	1.6	1
132	Frontispiece: Collection of NMR Scalar and Residual Dipolar Couplings Using a Single Experiment. <i>Chemistry - A European Journal</i> , 2016, 22, .	1.7	0
133	Perspectives on the future of NMR, by the Associate Editors. <i>Magnetic Resonance in Chemistry</i> , 2017, 55, 6-6.	1.1	0
134	A career in NMR: An interview with Gareth Morris. <i>Magnetic Resonance in Chemistry</i> , 2019, 57, 915-918.	1.1	0
135	A career in NMR-An interview with Malcolm H. Levitt. <i>Magnetic Resonance in Chemistry</i> , 2019, 57, 272-274.	1.1	0