

Teodor Parella Coll

List of Publications by Year in descending order

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318
papers

10,728
citations

36303

51
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62596

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359
all docs

359
docs citations

359
times ranked

10115
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Ru Complex Capable of Catalytically Oxidizing Water to Molecular Dioxygen. <i>Journal of the American Chemical Society</i> , 2004, 126, 7798-7799.	13.7	371
2	Direct observation of CuI/CuIII redox steps relevant to Ullmann-type coupling reactions. <i>Chemical Science</i> , 2010, 1, 326.	7.4	246
3	Disproportionation of CuI to Cu0 and Cu2O: A Novel Twist on Copper Aryl C–H Activation by CuI To Form an Organometallic Aryl–Cu Species: A Novel Twist on Copper Disproportionation This research was supported by MICYT of Spain through project PBQ2000-0548 and with the grant SGR-3102-UG-01 as well as the Distinction award from from CIRIT Generalitat de Catalunya (Spain). An FI doctoral grant from CIRIT to X.R. and financial support from the National Institutes of Health (USA: T.D.P.S. GM-50730; K.O.H. RR-01209) are also acknowledged. SSRL operations are funded by the D. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2991.	13.8	239
4	Enantioselective Hydroformylation by a Rh-Catalyst Entrapped in a Supramolecular Metallocage. <i>Journal of the American Chemical Society</i> , 2015, 137, 2680-2687.	13.7	175
5	Opposite metabolic responses of shoots and roots to drought. <i>Scientific Reports</i> , 2014, 4, 6829.	3.3	170
6	Anti-Inflammatory and Analgesic Activity of <i>Baccharis trimera</i> : Identification of its Active Constituents. <i>Planta Medica</i> , 1996, 62, 232-235.	1.3	162
7	Sponge-like molecular cage for purification of fullerenes. <i>Nature Communications</i> , 2014, 5, 5557.	12.8	162
8	Broadband ¹ H homodecoupled NMR experiments: recent developments, methods and applications. <i>Magnetic Resonance in Chemistry</i> , 2015, 53, 399-426.	1.9	148
9	Fructose-6-phosphate Aldolase in Organic Synthesis: Preparation of d-Fagomine, N-Alkylated Derivatives, and Preliminary Biological Assays. <i>Organic Letters</i> , 2006, 8, 6067-6070.	4.6	136
10	LR-HSQMBC: A Sensitive NMR Technique To Probe Very Long-Range Heteronuclear Coupling Pathways. <i>Journal of Organic Chemistry</i> , 2014, 79, 3887-3894.	3.2	132
11	Facile C–H Bond Cleavage via a Proton-Coupled Electron Transfer Involving a C–H...Cu Interaction. <i>Journal of the American Chemical Society</i> , 2010, 132, 12299-12306.	13.7	131
12	Ile-Phe Dipeptide Self-Assembly: Clues to Amyloid Formation. <i>Biophysical Journal</i> , 2007, 92, 1732-1741.	0.5	129
13	Asymmetric Self- and Cross-Aldol Reactions of Glycolaldehyde Catalyzed by Fructose-6-phosphate Aldolase. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5521-5525.	13.8	116
14	Full Sensitivity and Enhanced Resolution in Homodecoupled Band-Selective NMR Experiments. <i>Chemistry - A European Journal</i> , 2013, 19, 17283-17286.	3.3	112
15	Warming differentially influences the effects of drought on stoichiometry and metabolomics in shoots and roots. <i>New Phytologist</i> , 2015, 207, 591-603.	7.3	109
16	Pulsed field gradients: a new tool for routine NMR. <i>Magnetic Resonance in Chemistry</i> , 1998, 36, 467-495.	1.9	108
17	Ru-Based Water Oxidation Catalysts Anchored on Conducting Solid Supports. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5830-5832.	13.8	108
18	Fine-Tuning the Electronic Properties of Highly Stable Organometallic CuIII Complexes Containing Monoanionic Macrocyclic Ligands. <i>Chemistry - A European Journal</i> , 2005, 11, 5146-5156.	3.3	106

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19	<sc>D</sc>â€Fructoseâ€6â€phosphate Aldolase in Organic Synthesis: Cascade Chemicalâ€Enzymatic Preparation of Sugarâ€Related Polyhydroxylated Compounds. <i>Chemistry - A European Journal</i> , 2009, 15, 3808-3816.	3.3	104
20	Assessing the Impact of Electronic and Steric Tuning of the Ligand in the Spin State and Catalytic Oxidation Ability of the Fe^{II}(Pytacn) Family of Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 9229-9244.	4.0	102
21	Synthesis, Structure, and Redox and Catalytic Properties of a New Family of Ruthenium Complexes Containing the Tridentate bpea Ligand. <i>Inorganic Chemistry</i> , 2001, 40, 4150-4156.	4.0	99
22	Highly Enantioselective Electrophilic Amination and Michael Addition of Cyclic Î²-Ketoesters Induced by Lanthanides and (S,S)-ip-pybox:Â The MechanismâŠ¥. <i>Journal of Organic Chemistry</i> , 2007, 72, 2077-2087.	3.2	94
23	Versatile Nanostructured Materials via Direct Reaction of Functionalized Catechols. <i>Advanced Materials</i> , 2013, 25, 2066-2070.	21.0	93
24	Stereoselective Aldol Additions Catalyzed by Dihydroxyacetone Phosphate-Dependent Aldolases in Emulsion Systems: Preparation and Structural Characterization of Linear and Cyclic Iminopolyols from Aminoaldehydes. <i>Chemistry - A European Journal</i> , 2003, 9, 4887-4899.	3.3	88
25	Can the Disproportion of Oxidation State III Be Favored in RullâˆOH ₂ /RuIVO Systems?. <i>Journal of the American Chemical Society</i> , 2006, 128, 5306-5307.	13.7	87
26	Self-Assembly of a Cyclobutane Î²-Tetrapeptide To Form Nanosized Structures. <i>Organic Letters</i> , 2007, 9, 3643-3645.	4.6	81
27	Drought enhances folivory by shifting foliar metabolomes in <i>Quercus ilex</i> trees. <i>New Phytologist</i> , 2014, 202, 874-885.	7.3	81
28	Au(<sc>iii</sc>)-aryl intermediates in oxidant-free Câ€N and Câ€O cross-coupling catalysis. <i>Chemical Science</i> , 2017, 8, 946-952.	7.4	77
29	Medium-Chain Acyl-CoA Dehydrogenase (MCAD) Deficiency: The Prevalent Mutation G985 (K304E) Is Subject to a Strong Founder Effect from Northwestern Europe. <i>Human Heredity</i> , 1993, 43, 342-350.	0.8	75
30	Improved Sensitivity in Gradient-Based 1D and 2D Multiplicity-Edited HSQC Experiments. <i>Journal of Magnetic Resonance</i> , 1997, 126, 274-277.	2.1	71
31	Synthesis, Structure, and AcidâˆBase and Redox Properties of a Family of New Ru(II) Isomeric Complexes Containing the Trpy and the Dinucleating Hbpp Ligands. <i>Inorganic Chemistry</i> , 2003, 42, 8385-8394.	4.0	71
32	The Use of Sample Rotation for Minimizing Convection Effects in Self-Diffusion NMR Measurements. <i>Journal of Magnetic Resonance</i> , 2001, 153, 48-55.	2.1	70
33	Metabolites from the biodegradation of triphenylmethane dyes by <i>Trametes versicolor</i> or laccase. <i>Chemosphere</i> , 2009, 75, 1344-1349.	8.2	69
34	Recyclable Hybrid Silicaâ€Based Catalysts Derived from Pdâ€NHC Complexes for Suzuki, Heck and Sonogashira Reactions. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 3625-3635.	2.4	69
35	Synthesis, Structure, and Spectroscopic, Photochemical, Redox, and Catalytic Properties of Ruthenium(II) Isomeric Complexes Containing Dimethyl Sulfoxide, Chloro, and the Dinucleating Bis(2-pyridyl)pyrazole Ligands. <i>Inorganic Chemistry</i> , 2003, 42, 2040-2048.	4.0	66
36	Direct observation of two-electron Ag(I)/Ag(III) redox cycles in coupling catalysis. <i>Nature Communications</i> , 2014, 5, 4373.	12.8	65

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37	Supramolecular Fullerene Sponges as Catalytic Masks for Regioselective Functionalization of C60. <i>CheM</i> , 2020, 6, 169-186.	11.7	65
38	Long-range proton-carbon coupling constants: NMR methods and applications. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2013, 73, 17-55.	7.5	63
39	Asymmetric assembly of aldose carbohydrates from formaldehyde and glycolaldehyde by tandem biocatalytic aldol reactions. <i>Nature Chemistry</i> , 2015, 7, 724-729.	13.6	63
40	Divergent Routes to Chiral Cyclobutane Synthons from (S)-Pinene and Their Use in the Stereoselective Synthesis of Dehydro Amino Acids. <i>Journal of Organic Chemistry</i> , 2000, 65, 3934-3940.	3.2	62
41	Isolation of Key Organometallic Aryl-Co(III) Intermediates in Cobalt-Catalyzed C(sp ²)-H Functionalizations and New Insights into Alkyne Annulation Reaction Mechanisms. <i>Journal of the American Chemical Society</i> , 2016, 138, 14388-14397.	13.7	60
42	High-Quality 1D Spectra by Implementing Pulsed-Field Gradients as the Coherence Pathway Selection Procedure. , 1996, 34, 329-347.		58
43	Chemoenzymatic Synthesis and Inhibitory Activities of Hyacinthacines A ₁ and A ₂ Stereoisomers. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 1661-1666.	4.3	57
44	Optimum spin-state selection for all multiplicities in the acquisition dimension of the HSQC experiment. <i>Journal of Magnetic Resonance</i> , 2006, 180, 39-50.	2.1	56
45	Separation and Identification of Phenolic Compounds of Extra Virgin Olive Oil from <i>Olea europaea</i> L. by HPLC-DAD-SPE-NMR/MS. Identification of a New Diastereoisomer of the Aldehydic Form of Oleuropein Aglycone. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 9129-9136.	5.2	56
46	Transition Metal-Mediated Intramolecular [2+2+2] Cycloisomerizations of Cyclic Triynes and Ene-dienes. <i>Journal of Organic Chemistry</i> , 2005, 70, 2033-2041.	3.2	55
47	Hydrosilylation of Internal Alkynes Catalyzed by Tris-imidazolium Salt-stabilized Palladium Nanoparticles. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 179-188.	4.3	55
48	Pure In-Phase Heteronuclear Correlation NMR Experiments. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8379-8382.	13.8	55
49	(+)- and (S)-2-Aminocyclobutane-1-carboxylic Acids and Their Incorporation into Highly Rigid β^2 -Peptides: A Stereoselective Synthesis and a Structural Study. <i>Journal of Organic Chemistry</i> , 2005, 70, 7963-7971.	3.2	54
50	Catalytic S, Se, and P Cross-Coupling Reactions Mediated by a Cu ^I /Cu ^{III} Redox Cycle. <i>Organometallics</i> , 2012, 31, 7976-7982.	2.3	54
51	Mechanistic Insights into the Chemistry of Ru(II) Complexes Containing Cl and DMSO Ligands. <i>Inorganic Chemistry</i> , 2007, 46, 10707-10716.	4.0	53
52	Serine Hydroxymethyl Transferase from <i>Streptococcus thermophilus</i> and L-threonine Aldolase from <i>Escherichia coli</i> as Stereocomplementary Biocatalysts for the Synthesis of β^2 -Hydroxy- β^1 -diamino Acid Derivatives. <i>Chemistry - A European Journal</i> , 2008, 14, 4647-4656.	3.3	53
53	Ionic Liquid Crystals Based on Mesitylene-Containing Bis- and Trisimidazolium Salts. <i>Langmuir</i> , 2008, 24, 259-265.	3.5	52
54	Mechanistics of trichloroethylene mineralization by the white-rot fungus <i>Trametes versicolor</i> . <i>Chemosphere</i> , 2008, 70, 404-410.	8.2	51

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55	[2+2] Photocycloaddition of homochiral 2(5H)-furanones to alkenes. First step for an efficient and diastereoselective synthesis of (+)- and (â ⁻)-grandisol. <i>Tetrahedron</i> , 1996, 52, 1267-1278.	1.9	50
56	Aldol Additions of Dihydroxyacetone Phosphate to N-Cbz-Amino Aldehydes Catalyzed by L-Fucose-1-Phosphate Aldolase in Emulsion Systems: Inversion of Stereoselectivity as a Function of the Acceptor Aldehyde. <i>Chemistry - A European Journal</i> , 2005, 11, 1392-1401.	3.3	50
57	Rhodium(I)-Catalysed Intramolecular [2+2+2] Cyclotrimerisations of 15-, 20- and 25-Membered Azamacrocycles: Experimental and Theoretical Mechanistic Studies. <i>Chemistry - A European Journal</i> , 2009, 15, 5289-5300.	3.3	49
58	Dihydroxyacetone Phosphate Aldolase Catalyzed Synthesis of Structurally Diverse Polyhydroxylated Pyrrolidine Derivatives and Evaluation of their Glycosidase Inhibitory Properties. <i>Chemistry - A European Journal</i> , 2009, 15, 7310-7328.	3.3	49
59	Homodecoupled 1,1- and 1, n- ¹³ C-EQUATE: Pivotal NMR Experiments for the Structure Revision of Cryptospirolepine. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10160-10164.	13.8	49
60	Diastereofacial selectivity in uncatalyzed Diels-Alder cycloadditions involving \hat{I}_{\pm}, \hat{I}^2 -unsaturated esters and lactones with stereogenic centers containing oxygen functionalities. <i>Tetrahedron</i> , 1992, 48, 2659-2680.	1.9	48
61	Disproportionation of Copper(I) to Copper(0) and Copper(II) by Cull To Form an Organometallic Aryl ⁺ Cull ⁺ Species: A Novel Twist on Copper(I) Coordination Chemistry. This research was supported by MICYT of Spain through project PBQ2000-0548 and with the grant SGR-3102-UG-01 as well as the Distinction award from CIRIT Generalitat de Catalunya (Spain). An FI doctoral grant from CIRIT to X.R. and financial support from the National Institutes of Health (USA; T.D.P.S. GM-50730; K.O.H. RR-01209) are also acknowledged. SSRL operations are funded by the D. <i>Angewandte Chemie</i> , 2002, 114, 3117.	2.0	48
62	Total Synthesis of the Putative Structure of Stemonidine: The Definitive Proof of Misassignment. <i>Organic Letters</i> , 2007, 9, 1769-1772.	4.6	48
63	Simultaneous Multi-Slice Excitation in Spatially Encoded NMR Experiments. <i>Chemistry - A European Journal</i> , 2013, 19, 15472-15475.	3.3	48
64	14-Helical Folding in a Cyclobutane-Containing \hat{I}^2 -Tetrapeptide. <i>Journal of Organic Chemistry</i> , 2004, 69, 5093-5099.	3.2	46
65	Ecometabolomics: optimized ¹³ C-NMR based method. <i>Methods in Ecology and Evolution</i> , 2013, 4, 464-473.	5.2	46
66	Synthesis, structure and redox properties of a new ruthenium(II) complex containing the flexible tridentate ligand N,N-bis(2-pyridylmethyl)ethylamine, cis-fac-Ru(bpea) ₂ ²⁺ , and its homologue attached covalently to a polypyrrole film. <i>Dalton Transactions RSC</i> , 2000, , 1689-1694.	2.3	44
67	IPAP-HSQC: Measurement of long-range heteronuclear coupling constants from spin-state selective multiplets. <i>Journal of Magnetic Resonance</i> , 2010, 207, 312-321.	2.1	44
68	A Definitive NMR Solution for a Simple and Accurate Measurement of the Magnitude and the Sign of Small Heteronuclear Coupling Constants on Protonated and Non-Protonated Carbon Atoms. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3919-3922.	13.8	44
69	Metabolic responses of <i>Quercus ilex</i> seedlings to wounding analysed with nuclear magnetic resonance profiling. <i>Plant Biology</i> , 2014, 16, 395-403.	3.8	44
70	Fast O ₂ Binding at Dicopper Complexes Containing Schiff-Base Dinucleating Ligands. <i>Inorganic Chemistry</i> , 2007, 46, 4997-5012.	4.0	43
71	Accurate measurement of small heteronuclear coupling constants from pure-phase \hat{I}_{\pm}/\hat{I}^2 HSQC cross-peaks. <i>Journal of Magnetic Resonance</i> , 2011, 213, 145-150.	2.1	43
72	Simultaneous ¹ H and ¹³ C NMR enantiodifferentiation from highly-resolved pure shift HSQC spectra. <i>Chemical Communications</i> , 2014, 50, 10214-10217.	4.1	43

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73	Spin-edited 2D HSQCâ€”TOCSY experiments for the measurement of homonuclear and heteronuclear coupling constants: Application to carbohydrates and peptides. <i>Journal of Magnetic Resonance</i> , 2005, 176, 15-26.	2.1	42
74	Regiospecific C- ¹³ H Bond Activation: Reversible H/D Exchange Promoted by CuI Complexes with Triazamacrocyclic Ligands. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 2941-2944.	13.8	42
75	New Ru Complexes Containing the N-Tridentate bpea and Phosphine Ligands: Consequences of Meridional vs Facial Geometry. <i>Inorganic Chemistry</i> , 2006, 45, 10520-10529.	4.0	41
76	Structure-guided redesign of d-fructose-6-phosphate aldolase from <i>E. coli</i> : remarkable activity and selectivity towards acceptor substrates by two-point mutation. <i>Chemical Communications</i> , 2011, 47, 5762.	4.1	41
77	Suppression of phase and amplitude J(HH) modulations in HSQC experiments. <i>Magnetic Resonance in Chemistry</i> , 2015, 53, 115-119.	1.9	41
78	Selective Metalâ€”Cation Recognition by [2.2]Ferrocenophanes: The Cases of Zincâ€”and Lithiumâ€”Sensing. <i>Chemistry - A European Journal</i> , 2010, 16, 1532-1542.	3.3	40
79	New Ru(II) Complexes with Anionic and Neutral N-Donor Ligands as Epoxidation Catalysts: An Evaluation of Geometrical and Electronic Effects. <i>Inorganic Chemistry</i> , 2010, 49, 7072-7079.	4.0	40
80	A new dinuclear Ru-Hbpp based water oxidation catalyst with a trans-disposition of the Ru-OH. <i>Dalton Transactions</i> , 2011, 40, 3640.	3.3	40
81	Shifts in plant foliar and floral metabolomes in response to the suppression of the associated microbiota. <i>BMC Plant Biology</i> , 2016, 16, 78.	3.6	40
82	Structureâ€”Guided Minimalist Redesign of the ^Lâ€”Fucoseâ€”1â€”Phosphate Aldolase Active Site: Expedient Synthesis of Novel Polyhydroxylated Pyrrolizidines and their Inhibitory Properties Against Glycosidases and Intestinal Disaccharidases. <i>Chemistry - A European Journal</i> , 2010, 16, 10691-10706.	3.3	39
83	Redesign of the Phosphate Binding Site of ^Lâ€”Rhamnuloseâ€”1â€”Phosphate Aldolase towards a Dihydroxyacetone Dependent Aldolase. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 89-99.	4.3	38
84	High pressure processing of dry-cured ham: Ultrastructural and molecular changes affecting sodium and water dynamics. <i>Innovative Food Science and Emerging Technologies</i> , 2012, 16, 335-340.	5.6	38
85	Highly efficient and diastereoselective approaches to (+)- and (âˆ—)-grandisol. <i>Tetrahedron</i> , 1996, 52, 1279-1292.	1.9	37
86	¹³C NMR Spectroscopy for the Differentiation of Enantiomers Using Chiral Solvating Agents. <i>Analytical Chemistry</i> , 2013, 85, 10887-10894.	6.5	37
87	Implementing homo- and heterodecoupling in region-selective HSQMBC experiments. <i>Journal of Magnetic Resonance</i> , 2014, 238, 63-69.	2.1	37
88	Stereoselective Rhodiumâ€”Catalysed [2+2+2] Cycloaddition of Linear Alleneâ€”Allene Substrates: Reactivity and Theoretical Mechanistic Studies. <i>Chemistry - A European Journal</i> , 2014, 20, 5034-5045.	3.3	37
89	Enantioselective Rhodium(I) Donor Carbenoidâ€”Mediated Cascade Triggered by a Baseâ€”Free Decomposition of Arylsulfonyl Hydrazones. <i>Chemistry - A European Journal</i> , 2015, 21, 16240-16245.	3.3	37
90	Rhodium Nanoflowers Stabilized by a Nitrogenâ€”Rich PEGâ€”Tagged Substrate as Recyclable Catalyst for the Stereoselective Hydrosilylation of Internal Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 89-99.	4.3	37

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91	Substitution Reactions on Cyclometalated Pt(IV) Complexes. Associative Tuning by Fluoro Ligands and Fluorinated Substituents. <i>Inorganic Chemistry</i> , 2002, 41, 1747-1754.	4.0	36
92	Enantiodifferentiation through Frequency-Selective Pure-Shift ¹ H Nuclear Magnetic Resonance Spectroscopy. <i>ChemPhysChem</i> , 2014, 15, 854-857.	2.1	36
93	Redox-Active Metallacarborane-Decorated Octasilsesquioxanes. Electrochemical and Thermal Properties. <i>Inorganic Chemistry</i> , 2016, 55, 11630-11634.	4.0	36
94	Carboxylate-Assisted Formation of Aryl-Co(III) Masked-Carbenes in Cobalt-Catalyzed C-H Functionalization with Diazo Esters. <i>Journal of the American Chemical Society</i> , 2017, 139, 14649-14655.	13.7	36
95	Cyclometalated gold(III) complexes: noticeable differences between (N,C) and (P,C) ligands in migratory insertion. <i>Chemical Science</i> , 2018, 9, 3932-3940.	7.4	36
96	Biocatalyzed Synthesis and Structural Characterization of Monoglucuronides of Hydroxytyrosol, Tyrosol, Homovanillic Alcohol, and 3-(4-Hydroxyphenyl)propanol. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 2155-2162.	4.3	35
97	Engineering the Donor Selectivity of D-Fructose-6-Phosphate Aldolase for Biocatalytic Asymmetric Cross-Aldol Additions of Glycolaldehyde. <i>Chemistry - A European Journal</i> , 2014, 20, 12572-12583.	3.3	35
98	Engineered L-Serine Hydroxymethyltransferase from <i>Streptococcus thermophilus</i> for the Synthesis of L-Dialkyl-α-Amino Acids. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3013-3017.	13.8	35
99	Clean Selective Spin-Locking Spectra Using Pulsed Field Gradients. <i>Journal of Magnetic Resonance Series B</i> , 1995, 108, 77-80.	1.6	34
100	Palladium(0)-Catalyzed Synthesis of 2-Vinyl-2,3-dihydro-benzo[1,4]dioxins. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 2665-2673.	2.4	34
101	Highly Efficient and Diastereoselective Synthesis of (+)-Lineatin. <i>Organic Letters</i> , 2004, 6, 1449-1452.	4.6	34
102	Variable Coordination Behavior of New Hybrid Pyrazole Ligand: Synthesis and Characterization of Several Zn ^{II} , Cd ^{II} , Hg ^{II} , Pd ^{II} , Pt ^{II} , and Ni ^{II} Complexes. <i>Inorganic Chemistry</i> , 2009, 48, 8736-8750.	4.0	34
103	Microwave-Enhanced Rhodium-Catalyzed [2+2+2] Cycloaddition Reactions To Afford Highly Functionalized Pyridines and Bipyridines. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 3407-3415.	2.4	34
104	An Enantiopure Propeller-Like Trityl-Brominated Radical: Bringing Together a High Racemization Barrier and an Efficient Circularly Polarized Luminescent Magnetic Emitter. <i>Chemistry - A European Journal</i> , 2020, 26, 3776-3781.	3.3	34
105	Palladium(0)-catalyzed allylation of highly acidic and non-nucleophilic arenesulfonamides, sulfamide, and cyanamide. II. Formation of medium and large heterocycles. <i>Tetrahedron</i> , 1998, 54, 14885-14904.	1.9	33
106	Synthesis, Structure, and Redox Properties of a New Aqua Ruthenium Complex Containing the Tridentate [9]aneS3 and the Didentate 1,10-Phenanthroline Ligands. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 612-618.	2.0	33
107	Multiple FID Acquisition of Complementary HMBC Data. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7495-7497.	13.8	33
108	Time-shared NMR experiments. <i>Concepts in Magnetic Resonance Part A: Bridging Education and Research</i> , 2010, 36A, 1-23.	0.5	33

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109	Chiral Metabonomics: ¹ H NMR-Based Enantiospecific Differentiation of Metabolites in Human Urine via Direct Cosolvation with β -Cyclodextrin. <i>Analytical Chemistry</i> , 2012, 84, 2868-2874.	6.5	33
110	Antifungal sesquiterpene from the root of <i>Vernonanthura tweedieana</i> . <i>Journal of Ethnopharmacology</i> , 2005, 97, 49-52.	4.1	32
111	Intramolecular [2+2+2] Cycloaddition Reactions of Yne-Ene and Yne-Yne Enediyne Catalysed by Rh ^I : Experimental and Theoretical Mechanistic Studies. <i>Chemistry - A European Journal</i> , 2011, 17, 14493-14507.	3.3	32
112	Fused tetracycles with a benzene or cyclohexadiene core: [2 + 2 + 2] cycloadditions on macrocyclic systems. <i>Chemical Communications</i> , 2008, , 4339.	4.1	31
113	Sequential Biocatalytic Aldol Reactions in Multistep Asymmetric Synthesis: Pipecolic Acid, Piperidine and Pyrrolidine (Homo)Iminocyclitol Derivatives from Achiral Building Blocks. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3007-3024.	4.3	31
114	Direct Monitoring of Exogenous β -Hydroxybutyric Acid in Body Fluids by NMR Spectroscopy. <i>Analytical Chemistry</i> , 2017, 89, 8343-8350.	6.5	31
115	Preparation and NMR Spectroscopy of (1,2-Bis(diphenylphosphino)ethane)(η -3-1,3-diarylallyl)- palladium Tetrafluoroborates. Correlation of Chemical Shifts with Hammett Substituent Constants and with the Regioselectivity of Nucleophilic Attack. <i>Organometallics</i> , 1997, 16, 205-209.	2.3	30
116	Quick Recording of Pure Absorption 2D TOCSY, ROESY, and NOESY Spectra Using Pulsed Field Gradients. <i>Journal of Magnetic Resonance</i> , 1997, 125, 145-148.	2.1	30
117	<i>Lonicera Implexa</i> Leaves Bearing Naturally Laid Eggs of the Specialist Herbivore <i>Euphydryas Aurinia</i> have Dramatically Greater Concentrations of Iridoid Glycosides than other Leaves. <i>Journal of Chemical Ecology</i> , 2006, 32, 1925-1933.	1.8	30
118	Atropisomeric Discrimination in New RuII Complexes Containing the C ₂ -Symmetric Didentate Chiral Phenyl-1,2-bisoxazolinic Ligand. <i>Chemistry - A European Journal</i> , 2006, 12, 2798-2807.	3.3	30
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