

I Fernández

List of Publications by Year in descending order

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120
papers

3,233
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186265

28
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189892

50
g-index

129
all docs

129
docs citations

129
times ranked

3563
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulsed Gradient Spin-Echo (PGSE) Diffusion and ¹ H, ¹⁹ F Heteronuclear Overhauser Spectroscopy (HOESY) NMR Methods in Inorganic and Organometallic Chemistry: Something Old and Something New. <i>Chemical Reviews</i> , 2005, 105, 2977-2998.	47.7	325
2	Nucleophilic Dearomatizing (DNAr) Reactions of Aromatic C,H-Systems. A Mature Paradigm in Organic Synthesis. <i>Chemical Reviews</i> , 2007, 107, 1580-1691.	47.7	290
3	Oxidative Addition of Carbon-Carbon Bonds with a Redox-Active Bis(imino)pyridine Iron Complex. <i>Journal of the American Chemical Society</i> , 2012, 134, 17125-17137.	13.7	131
4	Synthesis of Bis(imino)pyridine Iron Di- and Monoalkyl Complexes: Stability Differences between FeCH ₂ SiMe ₃ and FeCH ₂ CMe ₃ Derivatives. <i>Organometallics</i> , 2008, 27, 109-118.	2.3	87
5	Ferrocene-Cyclodextrin Conjugates: Synthesis, Supramolecular Behavior, and Use as Electrochemical Sensors. <i>Chemistry - A European Journal</i> , 2009, 15, 8146-8162.	3.3	82
6	High-Yield Ruthenium-Catalyzed Friedel-Crafts-Type Allylation Reactions Using Dicationic RuIV Catalysts. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6386-6391.	13.8	80
7	Ruthenium-Catalyzed Allylic Alkylation Reactions: Carbonate-Based Catalysts and Intermediates. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4397-4400.	13.8	73
8	Iron-Catalyzed Homogeneous Hydrosilylation of Ketones and Aldehydes: Advances and Mechanistic Perspective. <i>ACS Catalysis</i> , 2019, 9, 5400-5417.	11.2	71
9	Syntheses and Structural Diversity of Group 2 and Group 12 Tris(pyrazolyl)methane and Zwitterionic Tris(pyrazolyl)methane Compounds. <i>Organometallics</i> , 2010, 29, 1174-1190.	2.3	67
10	⁷ Li, ³¹ P, and ¹ H Pulsed Gradient Spin-Echo (PGSE) Diffusion NMR Spectroscopy and Ion Pairing: On the Temperature Dependence of the Ion Pairing in Li(CPh ₃), Fluorenyllithium, and Li[N(SiMe ₃) ₂] amongst Other Salts. <i>Chemistry - A European Journal</i> , 2005, 11, 1495-1506.	3.3	64
11	X-ray, ¹³ C NMR, and DFT Studies on a Ruthenium(IV) Allyl Complex. Explanation for the Observed Control of Regioselectivity in Allylic Alkylation Chemistry. <i>Organometallics</i> , 2005, 24, 1809-1812.	2.3	61
12	Allylic Alcohols as Substrate for Ruthenium-Catalyzed C-C Coupling Allylation Reactions. Preliminary Communication. <i>Helvetica Chimica Acta</i> , 2007, 90, 271-276.	1.6	52
13	An Unprecedented Phosphinamidic Gold(III) Metallocycle: Synthesis via Tin(IV) Precursors, Structure, and Multicomponent Catalysis. <i>Organometallics</i> , 2009, 28, 1739-1747.	2.3	51
14	Enantioselective Desymmetrization of Diphenylphosphinamides via (â)-Sparteine-Mediated Ortho-Lithiation. Synthesis of Chiral Ligands. <i>Organic Letters</i> , 2010, 12, 428-431.	4.6	50
15	Second Generation Nanostructured Metal Oxide Matrices to Increase the Thermal Stability of CO and NO ₂ Sensing Layers Based on Iron(II) Phthalocyanine. <i>Advanced Functional Materials</i> , 2007, 17, 1188-1198.	14.9	49
16	Syntheses, structures, and reactivity of poly(pyrazolyl)silanes, -disilanes, and the ambidentate ¹ Si/ ³ N-coordinating tris(3,5-dimethylpyrazolyl)silanide ligand [Si(3,5-Me ₂ pz) ₃] ⁻ (MeTpsd). <i>Dalton Transactions</i> , 2009, , 5612.	3.3	49
17	Catalytic Allylic Alkylation and Allylic Phenolation Reactions with Ruthenium Complexes. Solid-State Structures of a Model Catalytic DMF Intermediate, [Ru(Cp*)(Cl)(i-3-C ₃ H ₅)(DMF)](PF ₆), and a New Tetranuclear Salt, [Ru(Cp){Ru(Cp)(i-6-p-CH ₃ C ₆ H ₄ CN)} ₃](PF ₆) ₄ . <i>Organometallics</i> , 2006, 25, 1440-1447.	2.3	44
18	Synthesis, X-ray Studies, and Catalytic Allylic Amination Reactions with Ruthenium(IV) Allyl Carbonate Complexes. <i>Organometallics</i> , 2006, 25, 323-330.	2.3	41

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19	Deuterium-Labeling and NMR Study of the Dearomatization of N-Alkyl-N-benzyl diphenylphosphinamides through Anionic Cyclization: Ortho and Benzylic Lithiation Directed by Complex-Induced Proximity Effects. <i>Journal of the American Chemical Society</i> , 2004, 126, 12551-12564.	13.7	39
20	Characterization of bioactive compounds of <i>Annona cherimola</i> L. leaves using a combined approach based on HPLC-ESI-TOF-MS and NMR. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 3607-3619.	3.7	39
21	New amino acid ligated yttrium hydroxy clusters. <i>Dalton Transactions</i> , 2010, 39, 6661.	3.3	33
22	Medium and long-term effects of low doses of Chlorpyrifos during the postnatal, preweaning developmental stage on sociability, dominance, gut microbiota and plasma metabolites. <i>Environmental Research</i> , 2020, 184, 109341.	7.5	33
23	A triangulopalladium cluster consisting of 1/3-capping silyl ligands. <i>Chemical Communications</i> , 2011, 47, 221-223.	4.1	32
24	Modulating Anticancer Potential by Modifying the Structural Properties of a Family of Zinc Metal-Organic Chains Based on 4-Nitro-1H-pyrazole. <i>Crystal Growth and Design</i> , 2018, 18, 969-978.	3.0	32
25	Phosphinamide-Directed Benzylic Lithiation. Application to the Synthesis of Peptide Building Blocks. <i>Organic Letters</i> , 2008, 10, 537-540.	4.6	31
26	⁷ Li PGSE Diffusion Measurements on LiPh ₂ : A Solvent Dependence of the Structure. <i>Inorganic Chemistry</i> , 2004, 43, 4555-4557.	4.0	30
27	Multinuclear PGSE Diffusion and Overhauser NMR Studies on a Variety of Salts in THF Solution. <i>Inorganic Chemistry</i> , 2005, 44, 5509-5513.	4.0	29
28	¹ H, ⁸⁹ Y HMQC and Further NMR Spectroscopic and X-ray Diffraction Investigations on Yttrium-Containing Complexes Exhibiting Various Nuclearities. <i>Chemistry - A European Journal</i> , 2012, 18, 5325-5334.	3.3	29
29	NMR Metabolomics as an Effective Tool To Unravel the Effect of Light Intensity and Temperature on the Composition of the Marine Microalgae <i>Isochrysis galbana</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 3879-3889.	5.2	29
30	Dearomatizing Anionic Cyclizations of N-Benzyl-N-methyldiphenylphosphinamides. Synthesis of ¹ β-(N-Methylamino)phosphinic Acids. <i>Organic Letters</i> , 2001, 3, 1339-1342.	4.6	28
31	Peptoid-Ligated Pentadecanuclear Yttrium and Dysprosium Hydroxy Clusters. <i>Chemistry - A European Journal</i> , 2015, 21, 2813-2820.	3.3	27
32	Regio- and Diastereoselective Preparation of Tetrahydrobenzo[c]-1-aza-2,5-phospholes through Dearomatization Cyclization of Lithiated N-Benzyl-N-alkyl(diphenyl)phosphinamides. Synthesis of ¹ β-(N-Alkylamino)phosphinic Acids. <i>Journal of Organic Chemistry</i> , 2002, 67, 3852-3860.	3.2	26
33	Synthesis, Structure, and Reactivity of N-Benzoyl Iminophosphoranes Ortho-Lithiated at the Benzoyl Group. <i>Journal of Organic Chemistry</i> , 2010, 75, 6452-6462.	3.2	26
34	X-ray Diffraction, PGSE Diffusion, and Related NMR Studies on a Series of Cp*-Based Ru(IV)(Cp*)(¹ β-CH ₂ -CH ₂ -CHPh) Allyl Complexes. <i>Organometallics</i> , 2006, 25, 4520-4529.	2.3	25
35	Octahedral iron(II) phthalocyanine complexes: multinuclear NMR and relevance as NO ₂ chemical sensors. <i>Dalton Transactions</i> , 2010, 39, 6231.	3.3	25
36	Production of Amphidinols and Other Bioproducts of Interest by the Marine Microalgae <i>Amphidinium carterae</i> Unraveled by Nuclear Magnetic Resonance Metabolomics Approach Coupled to Multivariate Data Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 9667-9682.	5.2	25

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37	^7Li , ^{15}N heteronuclear multiple quantum shift correlation—a fast and reliable 2D NMR method on natural abundant nuclei. <i>Chemical Communications</i> , 2009, , 2586.	4.1	24
38	Molecular weight prediction with no dependence on solvent viscosity. A quantitative pulse field gradient diffusion NMR approach. <i>Polymer Chemistry</i> , 2016, 7, 4326-4329.	3.9	23
39	Synthesis of Functionalized 1,4-Cyclohexadienes through Intramolecular Anionic Dearomatization of N-Alkyl-N-benzylidiphenylphosphinamides. Insight into the Reaction Mechanism. <i>Journal of Organic Chemistry</i> , 2003, 68, 4472-4485.	3.2	22
40	Asymmetric Deprotonation—Substitution of N-Pop-benzylamines Using $[\text{RLi}(\hat{\text{O}})\text{-Sparteine}]$. Enantioselective Sequential Reactions and Synthesis of N-Heterocycles. <i>Organic Letters</i> , 2008, 10, 3195-3198.	4.6	22
41	Solution and Computed Structure of $\langle i \rangle \langle /i \rangle$ -Lithium $\langle i \rangle \langle /i \rangle$ -Diisopropyl- $\langle i \rangle \langle /i \rangle$ -diphenylphosphinic Amide. Unprecedented $\text{Li}^{\sim}\text{O}^{\sim}\text{Li}^{\sim}\text{O}$ Self-Assembly of an Aryllithium. <i>Journal of the American Chemical Society</i> , 2010, 132, 5193-5204.	13.7	22
42	Synthesis and structure of tridentate bis(phosphinic amide)-phosphine oxide complexes of yttrium nitrate. Applications of ^{31}P , ^{89}Y NMR methods in structural elucidation in solution. <i>Dalton Transactions</i> , 2011, 40, 6691.	3.3	21
43	^7Li , ^{31}P Shift correlation. Application to the structural assignment of benzyl lithium complexes of N-methyl-N-benzylphosphinamide. <i>Chemical Communications</i> , 2004, , 1142-1143.	4.1	20
44	^1H and ^{19}F PGSE diffusion and HOESY NMR studies on cationic palladium (II) 1,3-diphenylallyl complexes in THF solution. <i>Magnetic Resonance in Chemistry</i> , 2006, 44, 76-82.	1.9	20
45	Efficient Hydrosilylation of Acetophenone with a New Anthraquinonic Amide-Based Iron Precatalyst. <i>Organometallics</i> , 2016, 35, 4083-4089.	2.3	20
46	MCM-41 as novel solid phase sorbent for the pre-concentration of pesticides in environmental waters and determination by microflow liquid chromatography-quadrupole linear ion trap mass spectrometry. <i>Microchemical Journal</i> , 2017, 134, 181-190.	4.5	20
47	The metabolic pathway of flonicamid in oranges using an orthogonal approach based on high-resolution mass spectrometry and nuclear magnetic resonance. <i>Analytical Methods</i> , 2017, 9, 1718-1726.	2.7	19
48	$\text{Au}@p4\text{VP}$ core@shell pH-sensitive nanocomposites suitable for drug entrapment. <i>Journal of Colloid and Interface Science</i> , 2018, 514, 704-714.	9.4	19
49	Design and synthesis of a family of 1D-lanthanide-coordination polymers showing luminescence and slow relaxation of the magnetization. <i>Dalton Transactions</i> , 2018, 47, 12783-12794.	3.3	19
50	NMR Metabolomics Applied on the Discrimination of Variables Influencing Tomato (<i>Solanum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	3.8	19
51	Algebraic Reconstruction Technique for Diffusion NMR Experiments. Application to the Molecular Weight Prediction of Polymers. <i>Journal of Physical Chemistry A</i> , 2019, 123, 943-950.	2.5	18
52	X-ray and multinuclear NMR study of the mixed aggregate phosphinamides. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 1890-1896.	1.8	17
53	Mechanism of Anionic Dearomatizing Reactions of Diphenylphosphinamide Derivatives: A Theoretical and Experimental Study. <i>Chemistry - A European Journal</i> , 2005, 11, 3022-3031.	3.3	17
54	Unprecedented asymmetric induction through configurationally stable lithium N-(\pm -methylbenzyl)phosphinamides. A new entry to enantiomerically pure β^3 -aminophosphinic acids and esters. <i>Chemical Communications</i> , 2005, , 5408.	4.1	17

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55	Development of polymeric sensing films based on a tridentate bis(phosphinic amide)-phosphine oxide for detecting europium(iii) in water. <i>Dalton Transactions</i> , 2012, 41, 6735.	3.3	17
56	Difluoroborenum Cation Stabilized by Hexaphenyl Carbodiphosphorane: A Concise Study on the Molecular and Electronic Structure of $[(Ph)_3P]_2C\ddagger BF_2[BF_4]$. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3852-3858.	2.0	17
57	Use of multivariate NMR analysis in the content prediction of hemicellulose, cellulose and lignin in greenhouse crop residues. <i>Phytochemistry</i> , 2019, 158, 110-119.	2.9	17
58	NMR, PGSE Diffusion, and X-ray Diffraction Studies of Lithium and Potassium Salts Derived from Diphenylphosphino(o-cyanophenyl)aniline and Their Crown Ether Complexes. <i>Inorganic Chemistry</i> , 2005, 44, 7616-7623.	4.0	16
59	Dinuclear Coordination Compounds Based on a 5-Nitropicolinic Carboxylate Ligand with Single-Molecule Magnet Behavior. <i>Inorganic Chemistry</i> , 2017, 56, 8768-8775.	4.0	16
60	Improved extraction of bioactive compounds from biomass of the marine dinoflagellate microalga <i>Amphidinium carterae</i> . <i>Bioresource Technology</i> , 2020, 313, 123518.	9.6	16
61	Solution NMR and X-Ray Structural Studies on Phthalocyaninatoiron Complexes. <i>Helvetica Chimica Acta</i> , 2006, 89, 1485-1496.	1.6	15
62	A novel luminescent optical fibre probe based on immobilized tridentate bis(phosphinic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (a Chemical, 2012, 173, 254-261.	7.8	15
63	NMR-Based Metabolomics Approach To Study the Influence of Different Conditions of Water Irrigation and Greenhouse Ventilation on Zucchini Crops. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 8422-8432.	5.2	15
64	Transformations of diphenylphosphinothioic acid tertiary amides mediated by directed ortho metallation. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5647.	2.8	14
65	Exploring the solution behavior of f-element coordination compounds: a case study on some trivalent rare earth and plutonium complexes. <i>Chemical Science</i> , 2013, 4, 3717.	7.4	14
66	Unprecedented Spectroscopic and Computational Evidence for Allenyl and Propargyl Titanocene(IV) Complexes: Electrophilic Quenching of Their Metallotropic Equilibrium. <i>Chemistry - A European Journal</i> , 2016, 22, 2427-2439.	3.3	14
67	Effect of a Shading Mesh on the Metabolic, Nutritional, and Defense Profiles of Harvested Greenhouse-Grown Organic Tomato Fruits and Leaves Revealed by NMR Metabolomics. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 12972-12985.	5.2	14
68	Bioactive Compounds from <i>Theobroma cacao</i> : Effect of Isolation and Safety Evaluation. <i>Plant Foods for Human Nutrition</i> , 2019, 74, 40-46.	3.2	14
69	A novel tridentate bis(phosphinic acid)phosphine oxide based europium(iii)-selective Nafion membrane luminescent sensor. <i>Analyst</i> , The, 2013, 138, 6134.	3.5	13
70	Building "My First NMRviewer": A Project Incorporating Coding and Programming Tasks in the Undergraduate Chemistry Curricula. <i>Journal of Chemical Education</i> , 2017, 94, 1372-1376.	2.3	13
71	A new anthraquinoid ligand for the iron-catalyzed hydrosilylation of carbonyl compounds at room temperature: new insights and kinetics. <i>Dalton Transactions</i> , 2018, 47, 7272-7281.	3.3	13
72	Hydrosilylation of Carbonyl Compounds Catalyzed through a Lithiated Hydrazone Derivative. <i>Organometallics</i> , 2018, 37, 2682-2689.	2.3	13

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73	Donor Functionalized Iron(II) Nâ€Heterocyclic Carbene Complexes in Transfer Hydrogenation Reactions. European Journal of Inorganic Chemistry, 2021, 2021, 22-29.	2.0	13
74	NMR-Based Metabolomics Approach to Explore Brain Metabolic Changes Induced by Prenatal Exposure to Autism-Inducing Chemicals. ACS Chemical Biology, 2021, 16, 753-765.	3.4	13
75	[Li{CH(Me)P(Ph)2(NCO2Me)}2(THF)2]:Â Crystal, Solution, and Calculated Structure of aN-Delocalized Lithium Phosphazene. Journal of the American Chemical Society, 2002, 124, 15184-15185.	13.7	12
76	The First Mixed-Anion Complex of a Lithium Phosphazene:Â Synthesis and Crystal and Solution Structure of [(LiCH2P(Ph)2NPh)Â(LiOC6H2-2,6-{C(CH3)3}-4-CH3)]2. Organometallics, 2004, 23, 5934-5938.	2.3	12
77	On the Solution Behaviour of Benzyllithiumâ€¦(â”)â€¦sparteine Adducts and Related Lithium Organyls â€“ A Case Study on Applying ⁷ Li, ¹⁵ N{ ¹ H}â€%HMQC and Further NMR Methods, Including Some Investigation into Asymmetric Synthesis. Chemistry - A European Journal, 2013, 19, 691-701.	3.3	12
78	Pushing the frontiers: boron-11 NMR as a method for quantitative boron analysis and its application to determine boric acid in commercial biocides. Analyst, The, 2018, 143, 4707-4714.	3.5	12
79	Unraveling the Active Biomolecules Responsible for the Sustainable Synthesis of Nanoscale Silver Particles through Nuclear Magnetic Resonance Metabolomics. ACS Sustainable Chemistry and Engineering, 2020, 8, 17816-17827.	6.7	12
80	Synthesis of a Biodegradable PLA: NMR Signal Deconvolution and End-Group Analysis. Journal of Chemical Education, 2022, 99, 1000-1007.	2.3	12
81	C±,Cortho-Dimetallated phosphazene complexes. Chemical Communications, 2007, , 4674.	4.1	11
82	From Neutral to Ionic Species: Syntheses and Xâ€ray Crystallographic and Multinuclear NMR Spectroscopic Studies of LiÂ-Â-P(SiMe ₃)â€P<i>t</i>Bu ₂ and Its Solvent Complexes. European Journal of Inorganic Chemistry, 2014, 2014, 221-232.	2.0	11
83	A novel yttrium-based metalâ€organic framework for the efficient solvent-free catalytic synthesis of cyanohydrin silyl ethers. Dalton Transactions, 2021, 50, 11720-11724.	3.3	11
84	A Tetrameric Lithiated Phosphazene Containing a Lithium Atom Bound Exclusively to Four sp ³ -Hybridized Carbanionic Centers:Â A Key Intermediate for Understanding Structureâ~Reactivity Relationships of Phosphazenyllithium Compounds. Organometallics, 2007, 26, 514-518.	2.3	10
85	Iron-phthalocyanine complexes immobilized in nanostructured metal oxide as optical sensors of NO _{<sub>x</sub> and CO: NMR and photophysical studies. Journal of Porphyrins and Phthalocyanines, 2009, 13, 616-623.}	0.8	10
86	Polyacrylic acid polymer brushes as substrates for the incorporation of anthraquinone derivatives. Unprecedented application of decorated polymer brushes on organocatalysis. Applied Surface Science, 2018, 428, 566-578.	6.1	10
87	Evaluation of ORAC, IR and NMR metabolomics for predicting ripening stage and variety in melon (Cucumis melo L.). Food Chemistry, 2022, 372, 131263.	8.2	10
88	Tuning the anionic cyclization-protonation of N-benzyl(diphenyl)phosphinamides. Highly efficient synthesis of tetrahydrobenzo-1-aza-2â»5-phospholes containing a 1,3-cyclohexadiene system. Arkivoc, 2005, 2005, 375-393.	0.5	10
89	Synthesis of high molecular weight L-Polylactic acid (PLA) by reactive extrusion at a pilot plant scale: Influence of 1,12-dodecanediol and di(trimethylol propane) as initiators. European Polymer Journal, 2021, 161, 110818.	5.4	10
90	Neutral and cationic main group element cages of germanium(ii) with pyrazolyl ligands: solid state structures, DFT calculations and advanced solution NMR investigations. Dalton Transactions, 2009, , 5335.	3.3	9

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91	Hybrid surfaces active in catalysis based on gold nanoparticles modified with redox-active pendants and polymer brushes. <i>Applied Surface Science</i> , 2019, 496, 143598.	6.1	9
92	³¹ P, ⁸⁹ Y Shift correlation. Application to the speciation of yttrium complexes with triphenylphosphine oxide. <i>Dalton Transactions</i> , 2011, 40, 2425.	3.3	8
93	Designing Single-Molecule Magnets as Drugs with Dual Anti-Inflammatory and Anti-Diabetic Effects. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3146.	4.1	8
94	Accelerating role of deaggregation agents in lithium-catalysed hydrosilylation of carbonyl compounds. <i>Dalton Transactions</i> , 2020, 49, 7932-7937.	3.3	8
95	Serum Colorectal Cancer Biomarkers Unraveled by NMR Metabolomics: Past, Present, and Future. <i>Analytical Chemistry</i> , 2022, 94, 417-430.	6.5	8
96	Phenolic constituents of leaves from <i>Persea caerulea</i> Ruiz & Pav; Mez (Lauraceae). <i>Biochemical Systematics and Ecology</i> , 2016, 67, 53-57.	1.3	7
97	Multifunctional coordination compounds based on lanthanide ions and 5-bromonicotinic acid: magnetic, luminescence and anti-cancer properties. <i>CrystEngComm</i> , 2019, 21, 3881-3890.	2.6	7
98	In vitro evaluation of leishmanicidal properties of a new family of monodimensional coordination polymers based on diclofenac ligand. <i>Polyhedron</i> , 2020, 184, 114570.	2.2	7
99	Quantitative quadrupolar NMR (qQNM) using nitrogen-14 for the determination of choline in complex matrixes. <i>Talanta</i> , 2021, 230, 122344.	5.5	6
100	An integrated approach for the efficient separation of specialty compounds from biomass of the marine microalgae <i>Amphidinium carterae</i> . <i>Bioresource Technology</i> , 2021, 342, 125922.	9.6	6
101	Catalytic Performance and Electrophoretic Behavior of an Yttrium-Organic Framework Based on a Tricarboxylic Asymmetric Alkyne. <i>Inorganic Chemistry</i> , 2022, 61, 1377-1384.	4.0	6
102	One pot synthesis of a chiral N-phosphine substituted iminophosphorane: X-ray structure and in situ NMR study. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 4237-4239.	1.3	5
103	Solution NMR structural study of a mixed aggregate of N-lithium triphenylphosphazene and lithium bromide. <i>Dalton Transactions</i> , 2009, , 2438.	3.3	5
104	Advanced NMR Methods and DFT Calculations on the Regioselective Deprotonation and Functionalization of 1,1- ² -Methylenebis(3-methylimidazole-2-thione). <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3756-3766.	2.0	5
105	Solution NMR in human embryo culture media as an option for assessment of embryo implantation potential. <i>NMR in Biomedicine</i> , 2021, 34, e4536.	2.8	5
106	Flavonoid glycosides from <i>Persea caerulea</i> . Unraveling their interactions with SDS-micelles through matrix-assisted DOSY, PGSE, mass spectrometry, and NOESY. <i>Magnetic Resonance in Chemistry</i> , 2016, 54, 718-728.	1.9	4
107	Cyclic polylactide synthesis initiated by a lithium anthraquinoid: understanding the selectivity through DFT and diffusion NMR. <i>Polymer Chemistry</i> , 2021, 12, 4083-4092.	3.9	4
108	Diamagnetic Anisotropy: Two Iron Complexes as Laboratory Examples. <i>Journal of Chemical Education</i> , 2010, 87, 320-322.	2.3	3

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109	Molecular weight prediction in polystyrene blends. Unprecedented use of a genetic algorithm in pulse field gradient spin echo (PGSE) NMR. <i>Soft Matter</i> , 2017, 13, 6620-6626.	2.7	3
110	A diffusion NMR method for the prediction of the weight-average molecular weight of globular proteins in aqueous media of different viscosities. <i>Analytical Methods</i> , 2019, 11, 142-147.	2.7	3
111	Diffusion NMR spectroscopy applied to coordination and organometallic compounds. <i>Annual Reports on NMR Spectroscopy</i> , 2019, 98, 125-191.	1.5	3
112	Synthesis of Cannabinoids: "In Water" and "On Water" Approaches: Influence of SDS Micelles. <i>Journal of Organic Chemistry</i> , 2021, 86, 3344-3355.	3.2	3
113	NMR-based Metabolomics and Fatty Acid Profiles to Unravel Biomarkers in Preclinical Animal Models of Compulsive Behavior. <i>Journal of Proteome Research</i> , 2022, 21, 612-622.	3.7	3
114	A Mixed Heterobimetallic Y/Eu-MOF for the Cyanosilylation and Hydroboration of Carbonyls. <i>Catalysts</i> , 2022, 12, 299.	3.5	3
115	Phosphinamide-Directed ortho Metalations: Application to the Desymmetrization of the Diphenylphosphoryl Group. <i>Synlett</i> , 2007, 2007, 0611-0614.	1.8	2
116	Peptidyl-Ligated Pentadecanuclear Yttrium and Dysprosium Hydroxy Clusters. <i>Chemistry - A European Journal</i> , 2015, 21, 2713-2713.	3.3	2
117	Nuclear magnetic resonance to study bacterial biofilms structure, formation, and resilience. , 2020, , 23-70.		1
118	Covalent immobilization of dysprosium-based metal-organic chains on silicon-based polymer brush surfaces. <i>New Journal of Chemistry</i> , 2017, 41, 7007-7011.	2.8	1
119	Quantitative Quadrupolar NMR (qQNMR) via nitrogen-14 for the accurate control of L-carnitine in food supplements. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 210, 114548.	2.8	1
120	Pulsed Gradient Spin-Echo (PGSE) Diffusion and ¹ H, ¹⁹ F Heteronuclear Overhauser Spectroscopy (HOESY) NMR Methods in Inorganic and Organometallic Chemistry: Something Old and Something New. <i>ChemInform</i> , 2005, 36, no.	0.0	0