

# Elies Molins

## List of Publications by Year in descending order

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211  
papers

8,509  
citations

44069  
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227  
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227  
docs citations

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times ranked

8393  
citing authors

#	ARTICLE	IF	CITATIONS
1	From weak to strong interactions: A comprehensive analysis of the topological and energetic properties of the electron density distribution involving $X\cdots H\cdots F\cdots Y$ systems. <i>Journal of Chemical Physics</i> , 2002, 117, 5529-5542.	3.0	1,510
2	Relationships between interaction energy, intermolecular distance and electron density properties in hydrogen bonded complexes under external electric fields. <i>Chemical Physics Letters</i> , 2011, 507, 185-189.	2.6	312
3	Correlation between Crystal Structure and Mobility in Organic Field-Effect Transistors Based on Single Crystals of Tetrathiafulvalene Derivatives. <i>Journal of the American Chemical Society</i> , 2004, 126, 8546-8553.	13.7	265
4	Universal Features of the Electron Density Distribution in Hydrogen-Bonding Regions: A Comprehensive Study Involving $H\cdots\cdots X$ ( $X=H, C, N, O, F, S, Cl, I$ ) Interactions. <i>Chemistry - A European Journal</i> , 2010, 16, 2442-2452.	3.3	228
5	Synthesis of Enantiopure trans-3,4-Disubstituted Piperidines. An Enantiodivergent Synthesis of (+)- and (âˆ“) -Paroxetine. <i>Journal of Organic Chemistry</i> , 2000, 65, 3074-3084.	3.2	135
6	Synthesis of Several Isomeric Tetrathiafulvalene . $\pi$ -Electron Donors with Peripheral Sulfur Atoms. A Study of Their Radical Cations. <i>Journal of Organic Chemistry</i> , 1994, 59, 3307-3313.	3.2	129
7	Optimized Synthesis of the Elusive $\mu$ -Fe <sub>2</sub> O <sub>3</sub> Phase via Solâˆ“Gel Chemistry. <i>Chemistry of Materials</i> , 2004, 16, 5542-5548.	6.7	128
8	The Modulating Possibilities of Dicarbollide Clusters:â€” Optimizing the Kharasch Catalysts. <i>Journal of the American Chemical Society</i> , 2003, 125, 11830-11831.	13.7	118
9	Structure and Reactivity of Five- and Six-Ring N, N-, N, O-, and O, O-acetals: A lesson in allylic 1, 3-strain (A1, 3strain). <i>Helvetica Chimica Acta</i> , 1992, 75, 913-934.	1.6	114
10	Hydrogen Bonds as a Crystal Design Element for Organic Molecular Solids with Intermolecular Ferromagnetic Interactions. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 882-884.	4.4	105
11	Anionâˆ“ $\pi$ Interactions in Bisadenine Derivatives:â€” A Combined Crystallographic and Theoretical Study. <i>Inorganic Chemistry</i> , 2007, 46, 10724-10735.	4.0	104
12	Fast and efficient hydrogen generation catalyzed by cobalt talc nanolayers dispersed in silica aerogel. <i>Journal of Materials Chemistry</i> , 2010, 20, 4875.	6.7	101
13	Electrostatics at the Origin of the Stability of Phosphateâ€“Phosphate Complexes Locked by Hydrogen Bonds. <i>ChemPhysChem</i> , 2012, 13, 1421-1424.	2.1	97
14	The Paradox of Hydrogen-Bonded Anionâ€“Anion Aggregates in Oxoanions: A Fundamental Electrostatic Problem Explained in Terms of Electrophilicâˆ“Nucleophilic Interactions. <i>Journal of Physical Chemistry A</i> , 2015, 119, 183-194.	2.5	94
15	Synthesis, structural characterization, and reactivity toward weak, protic electrophiles of di- $\mu$ -hydroxytetrakis(pentafluorophenyl)dipalladate(2-). <i>Inorganic Chemistry</i> , 1991, 30, 2605-2610.	4.0	86
16	Synthesis, structure and nuclease properties of several ternary copper(II) peptide complexes with 1,10-phenanthroline. <i>Journal of Inorganic Biochemistry</i> , 2003, 95, 77-86.	3.5	80
17	On the importance of tetrel bonding interactions in lead( $\langle scp \rangle ii \langle /scp \rangle$ ) complexes with (iso)nicotinohydrazide based ligands and several anions. <i>Dalton Transactions</i> , 2016, 45, 10708-10716.	3.3	78
18	Cobalt hydrotalcites as catalysts for bioethanol steam reforming. The promoting effect of potassium on catalyst activity and long-term stability. <i>Applied Catalysis B: Environmental</i> , 2012, 127, 59-67.	20.2	77

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19	Charged versus Neutral Hydrogen-Bonded Complexes: Is There a Difference in the Nature of the Hydrogen Bonds?. Chemistry - A European Journal, 2016, 22, 9226-9234.	3.3	77
20	Selective oxidants for organometallic compounds containing a stabilising anion of highly reactive Chemistry, 2000, 601, 126-132.	1.8	76
21	Topological Properties of the Electrostatic Potential in Weak and Moderate N-H Hydrogen Bonds. Journal of Physical Chemistry A, 2007, 111, 6425-6433.	2.5	75
22	Coordination behaviour of sulfanilamide derivatives.. Polyhedron, 2000, 19, 991-1004.	2.2	74
23	Novel CuIII Bis-1,2-dichalcogenene Complexes with Tunable 3D Framework through Alkaline Cation Coordination: A Structural and Theoretical Study. Chemistry - A European Journal, 2004, 10, 1691-1704.	3.3	73
24	Enantioselective Synthesis of 3,3-Disubstituted Piperidine Derivatives by Enolate Dialkylation of Phenylglycinol-Derived Oxazolopiperidone Lactams. Journal of Organic Chemistry, 2007, 72, 4431-4439.	3.2	72
25	Effect of the Counterion on the Solubility of Isostructural Pharmaceutical Lamotrigine Salts. Crystal Growth and Design, 2009, 9, 327-334.	3.0	72
26	Dynamic Kinetic Resolution of Racemic $\beta$ -Aryl- $\alpha$ -oxoesters. Enantioselective Synthesis of 3-Arylpiperidines. Journal of Organic Chemistry, 2002, 67, 5343-5351.	3.2	70
27	Effect of an external electric field on the dissociation energy and the electron density properties: The case of the hydrogen bonded dimer HF $\cdots$ HF. Journal of Chemical Physics, 2009, 130, 044104.	3.0	70
28	Synthesis and mass spectroscopy kinetics of a novel ternary copper(II) complex with cytotoxic activity against cancer cells. Journal of Inorganic Biochemistry, 2007, 101, 649-659.	3.5	69
29	The [(DT-TTF)2M(mnt)2] Family of Radical Ion Salts: From a Spin Ladder to Delocalised Conduction Electrons That Interact with Localised Magnetic Moments. Chemistry - A European Journal, 1999, 5, 2025-2039.	3.3	67
30	Silica aerogel-iron oxide nanocomposites: structural and magnetic properties. Journal of Non-Crystalline Solids, 2001, 285, 37-43.	3.1	65
31	Tracing environment effects that influence the stability of anion-anion complexes: The case of phosphate-phosphate interactions. Chemical Physics Letters, 2013, 555, 106-109.	2.6	64
32	Nanosized metallic particles embedded in silica and carbon aerogels as catalysts in the Mizoroki-Heck coupling reaction. New Journal of Chemistry, 2005, 29, 1342.	2.8	63
33	A new route to aerogels: Monolithic silica cryogels. Journal of Non-Crystalline Solids, 2012, 358, 461-469.	3.1	63
34	Reactivity of [M(C6F5)2( $\eta^4$ -OH)] <sub>2</sub> (M = Pd or Pt) toward Aromatic Amines and Malononitrile. Organometallics, 1999, 18, 1177-1184.	2.3	61
35	Experimental and theoretical study of uracil derivatives: the crucial role of weak fluorine-fluorine noncovalent interactions. CrystEngComm, 2010, 12, 3758.	2.6	60
36	Ring-fused and spiro cyclopentenones by Ni(CO) <sub>4</sub> -promoted intermolecular carbonylative cycloaddition of acetylenes with 3-halo- and 1-(halomethyl)cycloalkenes. Journal of the American Chemical Society, 1992, 114, 10449-10461.	13.7	58

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37	Straightforward Methodology for the Enantioselective Synthesis of Benzo[a]- and Indolo[2,3-a]quinolizidines. <i>Journal of Organic Chemistry</i> , 2007, 72, 5193-5201.	3.2	58
38	Mechanical properties of silica aerogels measured by microindentation: influence of sol-gel processing parameters and carbon addition. <i>Journal of Non-Crystalline Solids</i> , 2001, 285, 244-250.	3.1	57
39	Superhydrophobic silica aerogels by fluorination at the gel stage. <i>Chemical Communications</i> , 2004, , 2316-2317.	4.1	57
40	Highly dispersed nickel and palladium nanoparticle silica aerogels: sol-gel processing of tethered metal complexes and application as catalysts in the Mizoroki-Heck reaction. <i>New Journal of Chemistry</i> , 2006, 30, 1093-1097.	2.8	56
41	Stabilization of metastable phases in spatially restricted fields: the case of the Fe <sub>2</sub> O <sub>3</sub> polymorphs. <i>Faraday Discussions</i> , 2007, 136, 345.	3.2	55
42	Total syntheses of the Strychnos indole alkaloids (±)-tubifoline, (±)-tubifolidine, and (±)-19,20-dihydroakuammicine. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 935-948.	1.8	54
43	An Organic Spin-Ladder Molecular Material. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 2324-2326.	4.4	54
44	Nickel(II)-catalyzed Michael additions. Formation of quaternary centers and diastereoselective addition of enantiopure N-acetoacetyl-4-benzylloxazolidin-2-one. <i>Tetrahedron</i> , 1999, 55, 7331-7344.	1.9	54
45	Conjugate Additions to Phenylglycinol-Derived Unsaturated $\beta$ -Lactams. <i>Enantioselective Synthesis of Uleine Alkaloids. Journal of Organic Chemistry</i> , 2004, 69, 8681-8693.	3.2	53
46	Dynamic Kinetic Resolution and Desymmetrization Processes: A Straightforward Methodology for the Enantioselective Synthesis of Piperidines. <i>Chemistry - A European Journal</i> , 2006, 12, 7872-7881.	3.3	52
47	Cobalt hydrotalcite for the steam reforming of ethanol with scarce carbon production. <i>RSC Advances</i> , 2012, 2, 2946.	3.6	52
48	Silica aerogel-iron oxide nanocomposites: recoverable catalysts in conjugate additions and in the Biginelli reaction. <i>Tetrahedron</i> , 2003, 59, 1553-1556.	1.9	51
49	Crystal structures of the N-salicylidene-L-serinatoaquacopper(II) monohydrate and its ternary derivative with 2-aminopyridine. <i>Polyhedron</i> , 1999, 18, 871-878.	2.2	49
50	Effect of Ce and Mn co-doping on photocatalytic performance of sol-gel TiO <sub>2</sub> . <i>Solid State Sciences</i> , 2019, 88, 20-28.	3.2	49
51	Novel Five-Membered Pallada- and Platinacycles Containing a [C(sp <sup>2</sup> , ferrocene), N, S]-Terdentate Ligand. Theoretical Interpretation of Their Electrochemical and Electronic Properties Based on Density Functional Calculations. <i>Organometallics</i> , 2004, 23, 224-236.	2.3	47
52	Sulfonic acid-functionalized aerogels as high resistant to deactivation catalysts for the etherification of glycerol with isobutene. <i>Applied Catalysis B: Environmental</i> , 2013, 136-137, 287-293.	20.2	47
53	Ferromagnetic Copper(II) Complex Containing Ferrocenecarboxylato Bridging Ligands. <i>Inorganic Chemistry</i> , 2000, 39, 4560-4565.	4.0	45
54	1,1',3,3',6,6',8,8'-Octachloro-9,9'-bifluorenylidene and Perchloro-9,9'-bifluorenylidene, Two Exceedingly Twisted Ethylenes. <i>Journal of Organic Chemistry</i> , 2002, 67, 7175-7178.	3.2	44

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55	A Biomimetic Enantioselective Approach to the Decahydroquinoline Class of Dendrobatid Alkaloids. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3348-3351.	13.8	44
56	Conjugate Addition of Organocuprates to Chiral Bicyclic $\beta$ -Lactams. Enantioselective Synthesis of cis-3,4-Disubstituted and 3,4,5-Trisubstituted Piperidines. <i>Organic Letters</i> , 2001, 3, 611-614.	4.6	43
57	Enantioselective Formal Synthesis of (+)-Dihydrocorynantheine and (âˆ“)Dihydrocorynantheol. <i>Journal of Organic Chemistry</i> , 2009, 74, 1205-1211.	3.2	43
58	A General Methodology for the Enantioselective Synthesis of 1â€³-Substituted Tetrahydroisoquinoline Alkaloids. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 4017-4026.	2.4	41
59	Ethanol steam reforming at very low temperature over cobalt talc in a membrane reactor. <i>Catalysis Today</i> , 2012, 193, 101-106.	4.4	41
60	Xâ€³-ray Crystal Structure of a Metalled Doubleâ€³Helix Generated by Infinite and Consecutive C*â€³Ag<sup>I</sup>â€³C* (C*:N<sup>1</sup>â€³Hexylcytosine) Base Pairs through Argentophilic and Hydrogen Bond Interactions. <i>Chemistry - A European Journal</i> , 2017, 23, 2103-2108.	3.3	41
61	Reactivity of copper(II) peptide complexes with bioligands (benzimidazole and creatinine). <i>Polyhedron</i> , 2003, 22, 3255-3264.	2.2	40
62	Biogenetically Inspired Enantioselective Approach to Indolo[2,3-a]- and Benzo[a]quinolizidine Alkaloids from a Synthetic Equivalent of Secologanin. <i>Organic Letters</i> , 2005, 7, 2817-2820.	4.6	39
63	Coâ€³SiO <sub>2</sub> aerogel-coated catalytic walls for the generation of hydrogen. <i>Catalysis Today</i> , 2008, 138, 193-197.	4.4	39
64	2-Aminopyrimidine Derivatives Exhibiting Anionâ€³Interactions: A Combined Crystallographic and Theoretical Study. <i>Crystal Growth and Design</i> , 2009, 9, 2363-2376.	3.0	39
65	Lone pairâ€³â€³ vs â€³â€³ interactions in 5-fluoro-1-hexyluracil and 1-hexyluracil: a combined crystallographic and computational study. <i>CrystEngComm</i> , 2010, 12, 362-365.	2.6	39
66	Novel Palladacycles Containing [C(sp <sup>2</sup> , ferrocene), N, O]- or [C(sp <sup>2</sup> , ferrocene), N, O] <sub>2</sub> - Terdentate Ligands. <i>Organometallics</i> , 2006, 25, 596-601.	2.3	38
67	Dielsâ€³Alder Reactions of 5,6-Dihydro-2(1H)-pyridones. <i>Tetrahedron</i> , 2000, 56, 4027-4042.	1.9	37
68	Interactions of d10 metal ions with hippuric acid and cytosine. X-ray structure of the first cadmium (II)â€³amino acid derivativeâ€³nucleobase ternary compound. <i>Journal of Inorganic Biochemistry</i> , 2001, 85, 173-178.	3.5	37
69	Efficient hydroxycarbonylation of aryl iodides using recoverable and reusable carbon aerogels doped with palladium nanoparticles as catalyst. <i>Tetrahedron</i> , 2007, 63, 2519-2523.	1.9	37
70	Enantioselective formal synthesis of ent-rhynchophylline and ent-isorhynchophylline. <i>Chemical Communications</i> , 2013, 49, 1954.	4.1	37
71	Polyacrylic acid pore-filled microporous membranes and their use in membrane-mediated synthesis of nanocrystalline ferrihydrite. <i>Canadian Journal of Chemistry</i> , 1998, 76, 10-17.	1.1	36
72	Unprecedented Oxidation of a Phenylglycinol-Derived 2-Pyridone:â€³ Enantioselective Synthesis of Polyhydroxypiperidines. <i>Organic Letters</i> , 2001, 3, 3257-3260.	4.6	36

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73	Enantioselective Spirocyclizations from Tryptophanol-Derived Oxazolopiperidone Lactams. <i>Organic Letters</i> , 2007, 9, 2907-2910.	4.6	35
74	Alkylation of Phenylglycinol-Derived Oxazolopiperidone Lactams. Enantioselective Synthesis of $\beta$ -Substituted Piperidines. <i>Journal of Organic Chemistry</i> , 2006, 71, 3804-3815.	3.2	33
75	Ultraporous Single Phase Iron Oxide-Silica Nanostructured Aerogels from Ferrous Precursors. <i>Langmuir</i> , 2004, 20, 1425-1429.	3.5	31
76	A Synthetic Approach to Evatamine-Silicine Alkaloids. Enantioselective Total Synthesis of ( $\beta$ )-16-Episilicine. <i>Journal of Organic Chemistry</i> , 2010, 75, 178-189.	3.2	30
77	Enantiopure Indolizinoindolones with in vitro Activity against Blood and Liver Stage Malaria Parasites. <i>ChemMedChem</i> , 2015, 10, 2080-2089.	3.2	30
78	A Combined Experimental and Theoretical Study of Anion- $\pi$ Interactions in Bis(pyrrolidine) Salts. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 5821-5825.	2.4	29
79	Trapping of a carbanionic intermediate in the reaction of alkynylalkoxy carbene metal (Cr) complexes and ethyl diethoxyacrylate. <i>Journal of Organometallic Chemistry</i> , 1993, 444, C28-C30.	1.8	28
80	The Contribution Made by Triphenylphosphane in the Putative Catalysis by Ruthenium Species in Conjugate Additions of $\beta$ -Dicarbonyl Compounds. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 2321-2328.	2.4	28
81	Heterobinuclears-Indacene Rhodium Complexes: Synthesis and Characterization. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 784-791.	2.0	28
82	A New Heterobimetallic Ru,Rh Complex with a Dianionic Pentalene as Bridging Ligand. Synthesis, Crystal Structure, and Catalytic Activity of $[\text{Cp}^*\text{Ru}(\eta^4\text{-}5,6\text{-C}_8\text{H}_6)\text{Rh}(\eta^4\text{-COD})]$ . <i>Organometallics</i> , 2001, 20, 1287-1291.	2.3	27
83	Ring-Chain Tautomerism of the Novel 2-Ferrocenyl-2,4-dihydro-1H-3,1-benzoxazine. <i>Journal of Organic Chemistry</i> , 2005, 70, 4857-4860.	3.2	27
84	Relationships between $^{57}\text{Fe}$ NMR, Mössbauer parameters, electrochemical properties and the structures of ferrocenylketimines. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 475-484.	1.8	27
85	Ruthenium(III) and iridium(III) complexes with nicotine. <i>Polyhedron</i> , 2010, 29, 34-41.	2.2	27
86	Stereoselective $\beta$ -amidoalkylation of phenylglycinol-derived lactams. Synthesis of enantiopure 5,6-disubstituted 2-piperidones. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 1581-1588.	1.8	26
87	Cyclopalladation of N-phenyl-4-ferrocenylmethylpyrazoles: Crystal structure of $[\text{Pd}\{\eta^2\text{-C}_6\text{H}_4\text{-}1\text{-}[(3,5\text{-Me}_2\text{-C}_3\text{N}_2)\text{-CH}_2\text{-}(5\text{-C}_5\text{H}_4)\text{Fe}(\eta^5\text{-C}_5\text{H}_5)]\}\text{Cl}(\text{PPh}_3)]\cdot\text{CH}_2\text{Cl}_2$ . <i>Journal of Organometallic Chemistry</i> , 2008, 693, 2119-2131.	1.8	26
88	Isostructural organic binary-host frameworks with tuneable and diversely decorated inclusion cavities. <i>CrystEngComm</i> , 2012, 14, 7898.	2.6	26
89	Zero-Flux Surfaces of the Electrostatic Potential: The Border of Influence Zones of Nucleophilic and Electrophilic Sites in Crystalline Environment. <i>Journal of Physical Chemistry A</i> , 2007, 111, 9859-9870.	2.5	25
90	Highly hydrophobic polyfluorinated azo dyes grafted on surfaces. <i>Chemical Communications</i> , 2011, 47, 2889.	4.1	25

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91	Preparation and photocatalytic activity of Au/TiO <sub>2</sub> lyogels for hydrogen production. Sustainable Energy and Fuels, 2018, 2, 2284-2295.	4.9	25
92	Versatility in the mode of coordination {(N), (N,O)âˆ², (C,N)âˆ² or (C,N,O)2âˆ²} of [(âˆ«-5-C5H5)Fe{(âˆ«-5-C5H4)âˆ«CHNâˆ«(C6H4-2OH)}] to palladium(II). Journal of Organometallic Chemistry, 2007, 692, 2402-2414.	1.8	24
93	Ordering and disordering processes in MA and MM intermetallic iron aluminide powders. Journal of Materials Science, 2009, 44, 2152-2161.	3.7	24
94	Biomimetic Construction of the Hydroquinoline Ring System. Diastereodivergent Enantioselective Synthesis of 2,5-Disubstituted <i>cis</i> -Decahydroquinolines. Journal of Organic Chemistry, 2010, 75, 3797-3805.	3.2	24
95	Isostructurality in three-component crystals achieved by the combination of persistent hydrogen bonding motifs and solvent inclusion. CrystEngComm, 2013, 15, 1332.	2.6	24
96	Some attempts to prepare chelating nitrophenylpalladium(II) complexes. Synthesis of covalent arylpalladium(II) perchlorate complexes. Crystal and molecular structure of catena-trans-[[Pd{C6H2(NO2)3-2,4,6} (tht)2(H2O)]{ClO4}]n (tht = tetrahydrothiophene). Journal of Organometallic Chemistry, 1992, 441, 487-498.	1.8	23
97	Topological Analysis of the Electron Density Distribution in Perturbed Systems. I. Effect of Charge on the Bond Properties of Hydrogen Fluoride. Journal of Physical Chemistry A, 2005, 109, 6532-6539.	2.5	23
98	Contributions to the application of the transferability principle and the multipolar modeling of Hâˆ«atoms: electron-density study of L-histidinium dihydrogen orthophosphate orthophosphoric acid. I. Acta Crystallographica Section A: Foundations and Advances, 2006, 62, 365-378.	0.3	23
99	X-ray diffraction structure of a ternary copper(II) peptide complex (benzimidazole) (glycylglycinato) copper(II) trihydrate. Polyhedron, 1996, 15, 1829-1834.	2.2	22
100	Molecular architecture by means of interactions between Ag(I) and glycine derivatives. Polyhedron, 2006, 25, 71-80.	2.2	22
101	Heterodimetallic Palladium(II) Complexes with Bidentate (N,S) or Terdentate (C,N,S)-Ferrocenyl Ligands. The Effect of the Ligand Donor Atoms on the Regioselectivity of the Allylic Alkylation of Cinnamyl Acetate. Organometallics, 2007, 26, 571-576.	2.3	22
102	Tuning the Interaction Energy of Hydrogen Bonds: The Effect of the Substituent. Journal of Physical Chemistry A, 2011, 115, 12561-12571.	2.5	22
103	X-ray crystal structure of a ternary copper(II) peptide creatinine complex, (Aquo)(Creatinine)(Glycylglycinato) copper(II) sesquihydrate. Polyhedron, 1995, 14, 2537-2545.	2.2	20
104	Asymmetric approaches to cyclopentenones in the Ni(0)-promoted cyclocarbonylation reaction of allyl halides and acetylenes. Tetrahedron, 1996, 52, 10525-10546.	1.9	20
105	Stereocontrolled Access to Enantiopure 7-Substituted <i>cis</i> - and <i>trans</i> -Octahydroindoles. Organic Letters, 2016, 18, 5836-5839.	4.6	20
106	Synthesis and investigation of the boron cluster anion [7-(2âˆ«-pyridyl)-7,8-nido-dicarbaundecaborate] and its protonated form. Dalton Transactions, 2007, , 3369.	3.3	19
107	A Combined Experimental and Theoretical Study of Anionâˆ«âˆ« Interactions in <i>N</i> <sup>6</sup> - and <i>N</i> <sup>9</sup> -âˆ«Decyladenine Salts. European Journal of Organic Chemistry, 2010, 2010, 5171-5180.	2.4	19
108	Elucidating the Photoredox Nature of Isolated Iron Active Sites on MCM-41. ACS Catalysis, 2017, 7, 1646-1654.	11.2	19



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109	Access to the enantiopure pyrrolobenzodiazepine (PBD) dilactam nucleus via self-disproportionation of enantiomers. <i>Tetrahedron</i> , 2018, 74, 867-871.	1.9	19
110	Reaction of ethyl 3,3-diethoxyacrylate with fischer alkoxyalkynyl transition metal carbene complexes. <i>Journal of Organometallic Chemistry</i> , 1995, 494, 53-64.	1.8	18
111	Enantioselective total synthesis of the indole alkaloid 16-episilicine. <i>Chemical Communications</i> , 2009, , 2935.	4.1	18
112	Enantio- and Diastereoconvergent Cyclocondensation Reactions: Synthesis of Enantiopure <i>cis</i> -Decahydroquinolines. <i>Chemistry - A European Journal</i> , 2013, 19, 16044-16049.	3.3	18
113	Synthesis, X-ray characterization and DFT studies of bis-N-imidazolylpyrimidine salts: the prominent role of hydrogen bonding and anion- $\pi$ interactions. <i>CrystEngComm</i> , 2014, 16, 9043-9053.	2.6	18
114	Synthesis, X-ray characterization and DFT studies of N-benzimidazolyl-pyrimidine- $M$ ( $M = Cu, Co$ and $Ni$ ): the prominent role of $\pi$ -hole and anion- $\pi$ interactions. <i>CrystEngComm</i> , 2015, 17, 5987-5997.	2.6	18
115	The first X-ray structure of a silver-nucleotide complex: interaction of ion $Ag^+$ with cytidine-5'-monophosphate. <i>CrystEngComm</i> , 2017, 19, 5830-5834.	2.6	18
116	Silver and manganese co-doped titanium oxide aerogel for effective diclofenac degradation under UV-A light irradiation. <i>Journal of Alloys and Compounds</i> , 2019, 779, 314-325.	5.5	18
117	Experimental and theoretical study of thymine and cytosine derivatives: the crucial role of weak noncovalent interactions. <i>CrystEngComm</i> , 2012, 14, 5777.	2.6	17
118	Preparation and Double Michael Addition Reactions of a Synthetic Equivalent of the Nazarov Reagent. <i>Organic Letters</i> , 2013, 15, 2470-2473.	4.6	17
119	Access to Enantiopure 5-, 7-, and 5,7-Substituted <i>cis</i> -Decahydroquinolines: Enantioselective Synthesis of ( $\alpha$ )-Cermizine B. <i>Organic Letters</i> , 2017, 19, 1714-1717.	4.6	17
120	Bicyclic $\pm$ -Iminophosphonates as High Affinity Imidazoline $I_{2}$ Receptor Ligands for Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3610-3633.	6.4	17
121	Perchlorophenyl-germanium compounds. Crystal and molecular structure of perchlorotriphenylgermane. <i>Journal of Organometallic Chemistry</i> , 1989, 363, 31-37.	1.8	16
122	Photo-oxidation of sulfite ions in the presence of some iron oxides. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1995, 87, 121-125.	3.9	16
123	Ethanol Steam Reforming Over Hydrotalcite-Derived Co Catalysts Doped with Pt and Rh. <i>Topics in Catalysis</i> , 2013, 56, 1660-1671.	2.8	16
124	First diastereoselective [3 + 2] cycloaddition reaction of diethyl isocyanomethylphosphonate and maleimides. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 1640.	2.8	16
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