

Elies Molins

List of Publications by Year in descending order

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211
papers

8,509
citations

43973

48
h-index

56606

83
g-index

227
all docs

227
docs citations

227
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 χ -H π -F π -Y systems. <i>Journal of Chemical Physics</i> , 2002, 117, 5529-5542.	1.2	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.	1.2	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.	6.6	265
4	Universal Features of the Electron Density Distribution in Hydrogen-Bonding Regions: A Comprehensive Study Involving χ -...-X (X=H, C, N, O, F, S, Cl, I) Interactions. <i>Chemistry - A European Journal</i> , 2010, 16, 2442-2452.	1.7	228
5	Synthesis of Enantiopure trans-3,4-Disubstituted Piperidines. An Enantiodivergent Synthesis of (+)- and (\hat{a} -)-Paroxetine. <i>Journal of Organic Chemistry</i> , 2000, 65, 3074-3084.	1.7	135
6	Synthesis of Several Isomeric Tetrathiafulvalene π -Electron Donors with Peripheral Sulfur Atoms. A Study of Their Radical Cations. <i>Journal of Organic Chemistry</i> , 1994, 59, 3307-3313.	1.7	129
7	Optimized Synthesis of the Elusive μ -Fe ₂ O ₃ Phase via Sol-Gel Chemistry. <i>Chemistry of Materials</i> , 2004, 16, 5542-5548.	3.2	128
8	The Modulating Possibilities of Dicarbolide Clusters: Optimizing the Kharasch Catalysts. <i>Journal of the American Chemical Society</i> , 2003, 125, 11830-11831.	6.6	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.	1.0	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	Anion- π Interactions in Bisadenine Derivatives: A Combined Crystallographic and Theoretical Study. <i>Inorganic Chemistry</i> , 2007, 46, 10724-10735.	1.9	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 Phosphate-Phosphate Complexes Locked by Hydrogen Bonds. <i>ChemPhysChem</i> , 2012, 13, 1421-1424.	1.0	97
14	The Paradox of Hydrogen-Bonded Anion-Anion Aggregates in Oxoanions: A Fundamental Electrostatic Problem Explained in Terms of Electrophilic- π -Nucleophilic Interactions. <i>Journal of Physical Chemistry A</i> , 2015, 119, 183-194.	1.1	94
15	Synthesis, structural characterization, and reactivity toward weak, protic electrophiles of di- μ -hydroxytetrakis(pentafluorophenyl)dipalladate(2-). <i>Inorganic Chemistry</i> , 1991, 30, 2605-2610.	1.9	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.	1.5	80
17	On the importance of tetrel bonding interactions in lead(II) complexes with (iso)nicotinohydrazide based ligands and several anions. <i>Dalton Transactions</i> , 2016, 45, 10708-10716.	1.6	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.	10.8	77

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19	Charged versus Neutral Hydrogen-Bonded Complexes: Is There a Difference in the Nature of the Hydrogen Bonds?. <i>Chemistry - A European Journal</i> , 2016, 22, 9226-9234.	1.7	77
20	Selective oxidants for organometallic compounds containing a stabilising anion of highly reactive Chemistry, 2000, 601, 126-132.	0.8	76
21	Topological Properties of the Electrostatic Potential in Weak and Moderate N-H Hydrogen Bonds. <i>Journal of Physical Chemistry A</i> , 2007, 111, 6425-6433.	1.1	75
22	Coordination behaviour of sulfanilamide derivatives.. <i>Polyhedron</i> , 2000, 19, 991-1004.	1.0	74
23	Novel Cu(II) Bis-1,2-dichalcogenene Complexes with Tunable 3D Framework through Alkaline Cation Coordination: A Structural and Theoretical Study. <i>Chemistry - A European Journal</i> , 2004, 10, 1691-1704.	1.7	73
24	Enantioselective Synthesis of 3,3-Disubstituted Piperidine Derivatives by Enolate Dialkylation of Phenylglycinol-Derived Oxazolopiperidone Lactams. <i>Journal of Organic Chemistry</i> , 2007, 72, 4431-4439.	1.7	72
25	Effect of the Counterion on the Solubility of Isostructural Pharmaceutical Lamotrigine Salts. <i>Crystal Growth and Design</i> , 2009, 9, 327-334.	1.4	72
26	Dynamic Kinetic Resolution of Racemic β -Aryl- α -oxoesters. Enantioselective Synthesis of β -Arylpiperidines. <i>Journal of Organic Chemistry</i> , 2002, 67, 5343-5351.	1.7	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. <i>Journal of Chemical Physics</i> , 2009, 130, 044104.	1.2	70
28	Synthesis and mass spectroscopy kinetics of a novel ternary copper(II) complex with cytotoxic activity against cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 649-659.	1.5	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. <i>Chemistry - A European Journal</i> , 1999, 5, 2025-2039.	1.7	67
30	Silica aerogel-iron oxide nanocomposites: structural and magnetic properties. <i>Journal of Non-Crystalline Solids</i> , 2001, 285, 37-43.	1.5	65
31	Tracing environment effects that influence the stability of anion-anion complexes: The case of phosphate-phosphate interactions. <i>Chemical Physics Letters</i> , 2013, 555, 106-109.	1.2	64
32	Nanosized metallic particles embedded in silica and carbon aerogels as catalysts in the Mizoroki-Heck coupling reaction. <i>New Journal of Chemistry</i> , 2005, 29, 1342.	1.4	63
33	A new route to aerogels: Monolithic silica cryogels. <i>Journal of Non-Crystalline Solids</i> , 2012, 358, 461-469.	1.5	63
34	Reactivity of [M(C6F5)2(η^4 -OH)] ₂ (M = Pd or Pt) toward Aromatic Amines and Malononitrile. <i>Organometallics</i> , 1999, 18, 1177-1184.	1.1	61
35	Experimental and theoretical study of uracil derivatives: the crucial role of weak fluorine-fluorine noncovalent interactions. <i>CrystEngComm</i> , 2010, 12, 3758.	1.3	60
36	Ring-fused and spiro cyclopentenones by Ni(CO) ₄ -promoted intermolecular carbonylative cycloaddition of acetylenes with 3-halo- and 1-(halomethyl)cycloalkenes. <i>Journal of the American Chemical Society</i> , 1992, 114, 10449-10461.	6.6	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.	1.7	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.	1.5	57
39	Superhydrophobic silica aerogels by fluorination at the gel stage. <i>Chemical Communications</i> , 2004, , 2316-2317.	2.2	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.	1.4	56
41	Stabilization of metastable phases in spatially restricted fields: the case of the Fe ₂ O ₃ polymorphs. <i>Faraday Discussions</i> , 2007, 136, 345.	1.6	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-benzyloxazolidin-2-one. <i>Tetrahedron</i> , 1999, 55, 7331-7344.	1.0	54
45	Conjugate Additions to Phenylglycinol-Derived Unsaturated β -Lactams. Enantioselective Synthesis of Uleine Alkaloids. <i>Journal of Organic Chemistry</i> , 2004, 69, 8681-8693.	1.7	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.	1.7	52
47	Cobalt hydrotalcite for the steam reforming of ethanol with scarce carbon production. <i>RSC Advances</i> , 2012, 2, 2946.	1.7	52
48	Silica aerogel-iron oxide nanocomposites: recoverable catalysts in conjugate additions and in the Biginelli reaction. <i>Tetrahedron</i> , 2003, 59, 1553-1556.	1.0	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.	1.0	49
50	Effect of Ce and Mn co-doping on photocatalytic performance of sol-gel TiO ₂ . <i>Solid State Sciences</i> , 2019, 88, 20-28.	1.5	49
51	Novel Five-Membered Pallada- and Platinacycles Containing a [C(sp ²), 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.	1.1	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.	10.8	47
53	Ferromagnetic Copper(II) Complex Containing Ferrocenecarboxylato Bridging Ligands. <i>Inorganic Chemistry</i> , 2000, 39, 4560-4565.	1.9	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.	1.7	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.	7.2	44
56	Conjugate Addition of Organocuprates to Chiral Bicyclic β -Lactams. Enantioselective Synthesis of cis-3,4-Disubstituted and 3,4,5-Trisubstituted Piperidines. <i>Organic Letters</i> , 2001, 3, 611-614.	2.4	43
57	Enantioselective Formal Synthesis of (+)-Dihydrocorynantheine and (âˆ“)âˆ“)-Dihydrocorynantheol. <i>Journal of Organic Chemistry</i> , 2009, 74, 1205-1211.	1.7	43
58	A General Methodology for the Enantioselective Synthesis of 1âˆ“6-Substituted Tetrahydroisoquinoline Alkaloids. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 4017-4026.	1.2	41
59	Ethanol steam reforming at very low temperature over cobalt talc in a membrane reactor. <i>Catalysis Today</i> , 2012, 193, 101-106.	2.2	41
60	Xâˆ“ray Crystal Structure of a Metalled Doubleâˆ“Helix Generated by Infinite and Consecutive C*âˆ“Ag¹âˆ“C* (C*:N¹âˆ“Hexylcytosine) Base Pairs through Argentophilic and Hydrogen Bond Interactions. <i>Chemistry - A European Journal</i> , 2017, 23, 2103-2108.	1.7	41
61	Reactivity of copper(II) peptide complexes with bioligands (benzimidazole and creatinine). <i>Polyhedron</i> , 2003, 22, 3255-3264.	1.0	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.	2.4	39
63	Coâˆ“SiO ₂ aerogel-coated catalytic walls for the generation of hydrogen. <i>Catalysis Today</i> , 2008, 138, 193-197.	2.2	39
64	2-Aminopyrimidine Derivatives Exhibiting Anion-âˆ“ Interactions: A Combined Crystallographic and Theoretical Study. <i>Crystal Growth and Design</i> , 2009, 9, 2363-2376.	1.4	39
65	Lone pairâˆ“âˆ“ vs âˆ“âˆ“ interactions in 5-fluoro-1-hexyluracil and 1-hexyluracil: a combined crystallographic and computational study. <i>CrystEngComm</i> , 2010, 12, 362-365.	1.3	39
66	Novel Palladacycles Containing [C(sp ² , ferrocene), N, O]- or [C(sp ² , ferrocene), N, O] ₂ - Terdentate Ligands. <i>Organometallics</i> , 2006, 25, 596-601.	1.1	38
67	Dielsâˆ“Alder Reactions of 5,6-Dihydro-2(1H)-pyridones. <i>Tetrahedron</i> , 2000, 56, 4027-4042.	1.0	37
68	Interactions of d ¹⁰ metal ions with hippuric acid and cytosine. X-ray structure of the first cadmium (II)âˆ“amino acid derivativeâˆ“nucleobase ternary compound. <i>Journal of Inorganic Biochemistry</i> , 2001, 85, 173-178.	1.5	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.	1.0	37
70	Enantioselective formal synthesis of ent-rhynchophylline and ent-isorhynchophylline. <i>Chemical Communications</i> , 2013, 49, 1954.	2.2	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.	0.6	36
72	Unprecedented Oxidation of a Phenylglycinol-Derived 2-Pyridone:âˆ“% Enantioselective Synthesis of Polyhydroxypiperidines. <i>Organic Letters</i> , 2001, 3, 3257-3260.	2.4	36

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73	Enantioselective Spirocyclizations from Tryptophanol-Derived Oxazolopiperidone Lactams. <i>Organic Letters</i> , 2007, 9, 2907-2910.	2.4	35
74	Alkylation of Phenylglycinol-Derived Oxazolopiperidone Lactams. Enantioselective Synthesis of Î²-Substituted Piperidines. <i>Journal of Organic Chemistry</i> , 2006, 71, 3804-3815.	1.7	33
75	Ultraporous Single Phase Iron Oxide/Silica Nanostructured Aerogels from Ferrous Precursors. <i>Langmuir</i> , 2004, 20, 1425-1429.	1.6	31
76	A Synthetic Approach to Evatamine-Silicine Alkaloids. Enantioselective Total Synthesis of (âˆš)-16-Episilicine. <i>Journal of Organic Chemistry</i> , 2010, 75, 178-189.	1.7	30
77	Enantiopure Indolizinoindolones with in vitro Activity against Blood and Liver Stage Malaria Parasites. <i>ChemMedChem</i> , 2015, 10, 2080-2089.	1.6	30
78	A Combined Experimental and Theoretical Study of Anion-Î€ Interactions in Bis(pyrimidine) Salts. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 5821-5825.	1.2	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.	0.8	28
80	The Contribution Made by Triphenylphosphane in the Putative Catalysis by Ruthenium Species in Conjugate Additions of Î²-Dicarbonyl Compounds. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 2321-2328.	1.2	28
81	Heterobinuclears-Indacene Rhodium Complexes: Synthesis and Characterization. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 784-791.	1.0	28
82	A New Heterobimetallic Ru,Rh Complex with a Dianionic Pentalene as Bridging Ligand. Synthesis, Crystal Structure, and Catalytic Activity of [Cp*Ru(Î¼ ² -5,Î²-3-C ₈ H ₆)Rh(Î¼ ² -COD)]. <i>Organometallics</i> , 2001, 20, 1287-1291.	1.1	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.	1.7	27
84	Relationships between ⁵⁷ Fe NMR, Mössbauer parameters, electrochemical properties and the structures of ferrocenylketimines. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 475-484.	0.8	27
85	Ruthenium(III) and iridium(III) complexes with nicotine. <i>Polyhedron</i> , 2010, 29, 34-41.	1.0	27
86	Stereoselective Î±-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 [Pd{Î² ² -C,N-C ₆ H ₄ -1-[(3,5-Me ₂ -C ₃ N ₂)-CH ₂ -(Îµ ¹ -5-C ₅ H ₄)Fe(Îµ ¹ -5-C ₅ H ₅)]}Cl(PPh ₃)]-CH ₂ Cl ₂ . <i>Journal of Organometallic Chemistry</i> , 2008, 693, 2119-2131.	0.8	26
88	Isostructural organic binary-host frameworks with tuneable and diversely decorated inclusion cavities. <i>CrystEngComm</i> , 2012, 14, 7898.	1.3	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.	1.1	25
90	Highly hydrophobic polyfluorinated azo dyes grafted on surfaces. <i>Chemical Communications</i> , 2011, 47, 2889.	2.2	25

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91	Preparation and photocatalytic activity of Au/TiO ₂ lyogels for hydrogen production. <i>Sustainable Energy and Fuels</i> , 2018, 2, 2284-2295.	2.5	25
92	Versatility in the mode of coordination {(N), (N,O)} ⁺ , {(C,N)} ⁺ or {(C,N,O)} ²⁺ of [(<i>l</i> -5-C ₅ H ₅)Fe(<i>l</i> -5-C ₅ H ₄)CHN(C ₆ H ₄ -2OH)] to palladium(II). <i>Journal of Organometallic Chemistry</i> , 2007, 692, 2402-2414.	0.8	24
93	Ordering and disordering processes in MA and MM intermetallic iron aluminide powders. <i>Journal of Materials Science</i> , 2009, 44, 2152-2161.	1.7	24
94	Biomimetic Construction of the Hydroquinoline Ring System. Diastereodivergent Enantioselective Synthesis of 2,5-Disubstituted <i>cis</i> -Decahydroquinolines. <i>Journal of Organic Chemistry</i> , 2010, 75, 3797-3805.	1.7	24
95	Isostructurality in three-component crystals achieved by the combination of persistent hydrogen bonding motifs and solvent inclusion. <i>CrystEngComm</i> , 2013, 15, 1332.	1.3	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{C ₆ H ₂ (NO ₂) _{3-2,4,6} } (tth) ₂ (H ₂ O)]{ClO ₄ } _n (tth = tetrahydrothiophene). <i>Journal of Organometallic Chemistry</i> , 1992, 441, 487-498.	0.8	23
97	Topological Analysis of the Electron Density Distribution in Perturbed Systems. I. Effect of Charge on the Bond Properties of Hydrogen Fluoride. <i>Journal of Physical Chemistry A</i> , 2005, 109, 6532-6539.	1.1	23
98	Contributions to the application of the transferability principle and the multipolar modeling of H atoms: electron-density study of <i>L</i> -histidinium dihydrogen orthophosphate orthophosphoric acid. I. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2006, 62, 365-378.	0.3	23
99	X-ray diffraction structure of a ternary copper(II) peptide complex (benzimidazole) (glycylglycinato) copper(II) trihydrate. <i>Polyhedron</i> , 1996, 15, 1829-1834.	1.0	22
100	Molecular architecture by means of interactions between Ag(I) and glycine derivatives. <i>Polyhedron</i> , 2006, 25, 71-80.	1.0	22
101	Heterodimetallic Palladium(II) Complexes with Bidentate (N,S) or Tridentate (C,N,S)-Ferrocenyl Ligands. The Effect of the Ligand Donor Atoms on the Regioselectivity of the Allylic Alkylation of Cinnamyl Acetate. <i>Organometallics</i> , 2007, 26, 571-576.	1.1	22
102	Tuning the Interaction Energy of Hydrogen Bonds: The Effect of the Substituent. <i>Journal of Physical Chemistry A</i> , 2011, 115, 12561-12571.	1.1	22
103	X-ray crystal structure of a ternary copper(II) peptide creatinine complex, (Aquo)(Creatinine)(Glycylglycinato) copper(II) sesquihydrate. <i>Polyhedron</i> , 1995, 14, 2537-2545.	1.0	20
104	Asymmetric approaches to cyclopentenones in the Ni(0)-promoted cyclocarbonylation reaction of allyl halides and acetylenes. <i>Tetrahedron</i> , 1996, 52, 10525-10546.	1.0	20
105	Stereocontrolled Access to Enantiopure 7-Substituted <i>cis</i> - and <i>trans</i> -Octahydroindoles. <i>Organic Letters</i> , 2016, 18, 5836-5839.	2.4	20
106	Synthesis and investigation of the boron cluster anion [7-(2-pyridyl)-7,8-nido-dicarbundecaborate] and its protonated form. <i>Dalton Transactions</i> , 2007, , 3369.	1.6	19
107	A Combined Experimental and Theoretical Study of Anion-π Interactions in <i>N</i> ⁶ - and <i>N</i> ⁹ -Decyladenine Salts. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5171-5180.	1.2	19
108	Elucidating the Photoredox Nature of Isolated Iron Active Sites on MCM-41. <i>ACS Catalysis</i> , 2017, 7, 1646-1654.	5.5	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.	1.0	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.	0.8	18
111	Enantioselective total synthesis of the indole alkaloid 16-episilicine. <i>Chemical Communications</i> , 2009, , 2935.	2.2	18
112	Enantio- and Diastereoconvergent Cyclocondensation Reactions: Synthesis of Enantiopure <i>cis</i> -Decahydroquinolines. <i>Chemistry - A European Journal</i> , 2013, 19, 16044-16049.	1.7	18
113	Synthesis, X-ray characterization and DFT studies of bis-N-imidazolylpyrimidine salts: the prominent role of hydrogen bonding and anion-π interactions. <i>CrystEngComm</i> , 2014, 16, 9043-9053.	1.3	18
114	Synthesis, X-ray characterization and DFT studies of N-benzimidazolyl-pyrimidine-M(II) complexes (M = Cu, Co and Ni): the prominent role of π-hole and anion-π interactions. <i>CrystEngComm</i> , 2015, 17, 5987-5997.	1.3	18
115	The first X-ray structure of a silver-nucleotide complex: interaction of ion Ag(I) with cytidine-5'-monophosphate. <i>CrystEngComm</i> , 2017, 19, 5830-5834.	1.3	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.	2.8	18
117	Experimental and theoretical study of thymine and cytosine derivatives: the crucial role of weak noncovalent interactions. <i>CrystEngComm</i> , 2012, 14, 5777.	1.3	17
118	Preparation and Double Michael Addition Reactions of a Synthetic Equivalent of the Nazarov Reagent. <i>Organic Letters</i> , 2013, 15, 2470-2473.	2.4	17
119	Access to Enantiopure 5-, 7-, and 5,7-Substituted <i>cis</i> -Decahydroquinolines: Enantioselective Synthesis of (±)-Cermizine B. <i>Organic Letters</i> , 2017, 19, 1714-1717.	2.4	17
120	Bicyclic β -lminophosphonates as High Affinity Imidazoline 1α Receptor Ligands for Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3610-3633.	2.9	17
121	Perchlorophenyl-germanium compounds. Crystal and molecular structure of perchlorotriphenylgermane. <i>Journal of Organometallic Chemistry</i> , 1989, 363, 31-37.	0.8	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.	2.0	16
123	Ethanol Steam Reforming Over Hydrotalcite-Derived Co Catalysts Doped with Pt and Rh. <i>Topics in Catalysis</i> , 2013, 56, 1660-1671.	1.3	16
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