

Luc Van Meervelt

List of Publications by Year in descending order

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393
papers

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docs citations

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times ranked

10598
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#	ARTICLE	IF	CITATIONS
1	Task-Specific Ionic Liquid for Solubilizing Metal Oxides. <i>Journal of Physical Chemistry B</i> , 2006, 110, 20978-20992.	2.6	412
2	The PP1 binding code: a molecular "lego" strategy that governs specificity. <i>FEBS Journal</i> , 2013, 280, 584-595.	4.7	270
3	Rare-Earth-Containing Magnetic Liquid Crystals. <i>Journal of the American Chemical Society</i> , 2000, 122, 4335-4344.	13.7	252
4	Carboxyl-Functionalized Task-Specific Ionic Liquids for Solubilizing Metal Oxides. <i>Inorganic Chemistry</i> , 2008, 47, 9987-9999.	4.0	232
5	Choline Saccharinate and Choline Acesulfamate: Ionic Liquids with Low Toxicities. <i>Journal of Physical Chemistry B</i> , 2007, 111, 5254-5263.	2.6	224
6	Photostability of a highly luminescent europium Eu^{2+} -diketonate complex in imidazolium ionic liquids. <i>Chemical Communications</i> , 2005, , 4354.	4.1	190
7	Anionic Rare-Earth Thiocyanate Complexes as Building Blocks for Low-Melting Metal-Containing Ionic Liquids. <i>Journal of the American Chemical Society</i> , 2006, 128, 13658-13659.	13.7	183
8	Molecular Dynamics Simulations and Thermodynamics Analysis of DNA-Drug Complexes. Minor Groove Binding between 4',6-Diamidino-2-phenylindole and DNA Duplexes in Solution. <i>Journal of the American Chemical Society</i> , 2003, 125, 1759-1769.	13.7	150
9	A Diversity-Oriented Approach to Spiroindolines: Post-Ugi Gold-Catalyzed Diastereoselective Domino Cyclization. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9572-9575.	13.8	147
10	Imidazolium Ionic Liquid Crystals with Pendant Mesogenic Groups. <i>Chemistry of Materials</i> , 2008, 20, 157-168.	6.7	143
11	Lanthanide-doped luminescent ionogels. <i>Dalton Transactions</i> , 2009, , 298-306.	3.3	142
12	Hydrophobic ionic liquids with strongly coordinating anions. <i>Chemical Communications</i> , 2010, 46, 234-236.	4.1	142
13	1,2,4-Triazolium perfluorobutanesulfonate as an archetypal pure protic organic ionic plastic crystal electrolyte for all-solid-state fuel cells. <i>Energy and Environmental Science</i> , 2015, 8, 1276-1291.	30.8	134
14	Visible and Near-Infrared Emission by Samarium(III)-Containing Ionic Liquid Mixtures. <i>Inorganic Chemistry</i> , 2009, 48, 3018-3026.	4.0	131
15	Pyrrrolidinium Ionic Liquid Crystals. <i>Chemistry - A European Journal</i> , 2009, 15, 656-674.	3.3	127
16	Rare-Earth Quinolines: Infrared-Emitting Molecular Materials with a Rich Structural Chemistry. <i>Inorganic Chemistry</i> , 2004, 43, 8461-8469.	4.0	124
17	Synthesis, Biological Evaluation, and Structure Analysis of a Series of New 1,5-Anhydrohexitol Nucleosides. <i>Journal of Medicinal Chemistry</i> , 1995, 38, 826-835.	6.4	118
18	Speciation of Uranyl Complexes in Ionic Liquids by Optical Spectroscopy. <i>Inorganic Chemistry</i> , 2007, 46, 11335-11344.	4.0	112

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19	Speciation of Copper(II) Complexes in an Ionic Liquid Based on Choline Chloride and in Choline Chloride/Water Mixtures. <i>Inorganic Chemistry</i> , 2012, 51, 4972-4981.	4.0	111
20	Asymmetric synthesis of novel highly sterically constrained (2S,3S)-3-methyl-3-trifluoromethyl- and (2S,3S,4R)-3-trifluoromethyl-4-methylpyroglutamic acids. <i>Tetrahedron</i> , 1999, 55, 12045-12058.	1.9	102
21	Copper(I)-Containing Ionic Liquids for High-Rate Electrodeposition. <i>Chemistry - A European Journal</i> , 2011, 17, 5054-5059.	3.3	99
22	Synthesis, Spectroscopy, Crystal Structure, Electrochemistry, and Quantum Chemical and Molecular Dynamics Calculations of a 3-Anilino Difluoroboron Dipyrromethene Dye. <i>Journal of Physical Chemistry A</i> , 2009, 113, 439-447.	2.5	98
23	Diterpenes from the leaves of <i>Croton zambesicus</i> . <i>Phytochemistry</i> , 2004, 65, 1165-1171.	2.9	95
24	A Gold-Catalyzed Domino Cyclization Enabling Rapid Construction of Diverse Polyheterocyclic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 272-276.	13.8	95
25	Polynuclear Metal Complexes Obtained from the Task-Specific Ionic Liquid Betainium Bistriflimide. <i>Crystal Growth and Design</i> , 2008, 8, 1353-1363.	3.0	93
26	Synthesis of (spiro)cyclopentapyridinones via Csp ³ -H functionalization: a post-Ugi gold-catalyzed regioselective tandem cyclization. <i>Chemical Communications</i> , 2013, 49, 7171.	4.1	93
27	Imidazo[4,5- <i>f</i>]-1,10-phenanthrolines: Versatile Ligands for the Design of Metallomesogens. <i>Chemistry of Materials</i> , 2008, 20, 1278-1291.	6.7	91
28	Speciation of Rare-Earth Metal Complexes in Ionic Liquids: A Multiple-Technique Approach. <i>Chemistry - A European Journal</i> , 2009, 15, 1449-1461.	3.3	91
29	DNA-drug interactions. <i>Journal of Molecular Biology</i> , 1991, 222, 167-177.	4.2	90
30	Highly diastereoselective aza-aldol reactions of a chiral Ni(II) complex of glycine with imines. An efficient asymmetric approach to 3-perfluoroalkyl-2,3-diamino acids. <i>Tetrahedron Letters</i> , 1997, 38, 4671-4674.	1.4	90
31	Selective Synthesis of Functionalized Thia- and Oxacalix[2]arene[2]pyrimidines. <i>Organic Letters</i> , 2006, 8, 4161-4164.	4.6	90
32	Crystal Structure of d(GGCCAATTGG) Complexed with DAPI Reveals Novel Binding Mode. <i>Biochemistry</i> , 1999, 38, 16443-16451.	2.5	89
33	Uranyl Complexes of Carboxyl-Functionalized Ionic Liquids. <i>Inorganic Chemistry</i> , 2010, 49, 3351-3360.	4.0	89
34	Green-to-Red Photoconvertible Dronpa Mutant for Multimodal Super-resolution Fluorescence Microscopy. <i>ACS Nano</i> , 2014, 8, 1664-1673.	14.6	87
35	A concise route to indoloazocines via a sequential Ugi-gold-catalyzed intramolecular hydroarylation. <i>Chemical Communications</i> , 2012, 48, 6550.	4.1	86
36	Rare-Earth Complexes of Ferrocene-Containing Ligands: Visible-Light Excitable Luminescent Materials. <i>Inorganic Chemistry</i> , 2007, 46, 5302-5309.	4.0	85

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37	Stereochemically defined C-substituted glutamic acids and their derivatives. 1. An efficient asymmetric synthesis of (2S,3S)-3-methyl- and -3-trifluoromethylpyroglutamic acids. <i>Tetrahedron</i> , 1999, 55, 12031-12044.	1.9	82
38	Long-Lived Near-Infrared Luminescent Lanthanide Complexes of Imidodiphosphate "Shell" Ligands. <i>Inorganic Chemistry</i> , 2005, 44, 6140-6142.	4.0	82
39	Expression-Enhanced Fluorescent Proteins Based on Enhanced Green Fluorescent Protein for Super-resolution Microscopy. <i>ACS Nano</i> , 2015, 9, 9528-9541.	14.6	82
40	Asymmetric Synthesis of β , β -Dialkyl- α -phenylalanines via Direct Alkylation of a Chiral Alanine Derivative with Racemic α -Alkylbenzyl Bromides. A Case of High Enantiomer Differentiation at Room Temperature. <i>Organic Letters</i> , 2001, 3, 341-343.	4.6	81
41	Rational Design of Highly Diastereoselective, Organic Base-Catalyzed, Room-Temperature Michael Addition Reactions. <i>Journal of Organic Chemistry</i> , 2000, 65, 6688-6696.	3.2	79
42	Efficient Post-Macrocyclization Functionalizations of Oxalix[2]arene[2]pyrimidines. <i>Organic Letters</i> , 2008, 10, 585-588.	4.6	79
43	Ground- and excited-state interaction in di-1-pyrenyl-substituted oligosilanes. <i>Journal of the American Chemical Society</i> , 1993, 115, 5702-5708.	13.7	77
44	A Microwave-Assisted Diastereoselective Multicomponent Reaction To Access Dibenzo[<i>c</i> , <i>e</i>]azepinones: Synthesis and Biological Evaluation. <i>Journal of Organic Chemistry</i> , 2011, 76, 2828-2839.	3.2	77
45	High-resolution structure of a DNA helix forming (C \hat{A} -G)*G base triplets. <i>Nature</i> , 1995, 374, 742-744.	27.8	75
46	Crystal Structure of Double Helical Hexitol Nucleic Acids. <i>Journal of the American Chemical Society</i> , 2002, 124, 928-933.	13.7	75
47	Visible light sensitisation of europium(iii) luminescence in a 9-hydroxyphenal-1-one complex. <i>Chemical Communications</i> , 2005, , 590.	4.1	73
48	Homogeneous liquid-liquid extraction of neodymium(III) by choline hexafluoroacetylacetonate in the ionic liquid choline bis(trifluoromethylsulfonyl)imide. <i>Dalton Transactions</i> , 2014, 43, 11566-11578.	3.3	72
49	An efficient asymmetric synthesis of (2S,3S)-3-trifluoromethylpyroglutamic acid. <i>Tetrahedron Letters</i> , 1997, 38, 4903-4904.	1.4	71
50	Efficient Synthesis of the Indoloazocine Framework via Intramolecular Alkyne Carbocyclization. <i>Organic Letters</i> , 2009, 11, 3618-3621.	4.6	68
51	Pyrrrolidinium Ionic Liquid Crystals with Pendant Mesogenic Groups. <i>Langmuir</i> , 2009, 25, 5881-5897.	3.5	66
52	Diversity-Oriented Synthesis of Dibenzoazocines and Dibenzoazepines via a Microwave-Assisted Intramolecular A ³ -Coupling Reaction. <i>Organic Letters</i> , 2010, 12, 2774-2777.	4.6	65
53	Gold-catalyzed diastereoselective domino dearomatization/ipso-cyclization/aza-Michael sequence: a facile access to diverse fused azaspiro tetracyclic scaffolds. <i>Chemical Communications</i> , 2017, 53, 6413-6416.	4.1	63
54	8-HaloBODIPYs and Their 8-(C, N, O, S) Substituted Analogues: Solvent Dependent UV-Vis Spectroscopy, Variable Temperature NMR, Crystal Structure Determination, and Quantum Chemical Calculations. <i>Journal of Physical Chemistry A</i> , 2014, 118, 1576-1594.	2.5	62

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55	Cobalt(II) Complexes of Nitrile-Functionalized Ionic Liquids. <i>Chemistry - A European Journal</i> , 2010, 16, 1849-1858.	3.3	59
56	Nitrile-Functionalized Pyridinium, Pyrrolidinium, and Piperidinium Ionic Liquids. <i>Journal of Physical Chemistry B</i> , 2011, 115, 8424-8438.	2.6	58
57	Rhodium-Catalyzed Asymmetric Conjugate Additions of Boronic Acids to Enones Using DIPHONANE: A Novel Chiral Bisphosphine Ligand. <i>Organic Letters</i> , 2006, 8, 363-366.	4.6	57
58	Lanthanide-Containing Metallomesogens with Low Transition Temperatures. <i>Chemistry of Materials</i> , 2006, 18, 3698-3704.	6.7	56
59	Cationic Gold- and Silver-Catalyzed Cycloisomerizations of Propargylic Ureas: A Selective Entry to Oxazolidin-2-imines and Imidazolidin-2-ones. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 781-789.	4.3	56
60	Selenacalix[3]triazines: synthesis and host-guest chemistry. <i>Chemical Communications</i> , 2012, 48, 43-45.	4.1	54
61	High current density electrodeposition from silver complex ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 1706-1715.	2.8	54
62	Improving the Second-Order Nonlinear Optical Response of Fluorescent Proteins: The Symmetry Argument. <i>Journal of the American Chemical Society</i> , 2013, 135, 4061-4069.	13.7	54
63	Radical C-H Alkylation of BODIPY Dyes Using Potassium Trifluoroborates or Boronic Acids. <i>Chemistry - A European Journal</i> , 2015, 21, 12667-12675.	3.3	53
64	Visible-Light-Sensitized Near-Infrared Luminescence from Rare-Earth Complexes of the 9-Hydroxyphenalen-1-one Ligand. <i>Inorganic Chemistry</i> , 2006, 45, 10416-10418.	4.0	51
65	Structural characterization and reactivity of $\hat{\Gamma}^3$ -octamolybdate functionalized by proline. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 1589-1598.	3.5	51
66	Synthetic, Structural, and Photophysical Exploration of <i>meso</i> -Pyrimidinyl-Substituted AB ₂ -Corroles. <i>Chemistry - A European Journal</i> , 2010, 16, 5691-5705.	3.3	51
67	Synthesis of the Azocinoindole Framework through Pd-Catalyzed Intramolecular Acetylene Hydroarylation. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 1837-1840.	2.4	50
68	Efficient Fragment Coupling Approaches toward Large Oxacalix[n]arenes (n = 6, 8). <i>Organic Letters</i> , 2009, 11, 1681-1684.	4.6	49
69	Structural Characterization of the Complex between Hen Egg White Lysozyme and Zr ^{IV} -Substituted Keggin Polyoxometalate as Artificial Protease. <i>Chemistry - A European Journal</i> , 2015, 21, 11692-11695.	3.3	49
70	Two λ -1 binding modes for distamycin in the minor groove of d(GGCCAATTGG). <i>FEBS Journal</i> , 2002, 269, 2868-2877.	0.2	48
71	Thermochromic properties of low-melting ionic uranyl isothiocyanate complexes. <i>Chemical Communications</i> , 2011, 47, 4490.	4.1	48
72	Quinolinium and isoquinolinium ionic liquid crystals. <i>RSC Advances</i> , 2012, 2, 8061.	3.6	48

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73	A facile and general method for the synthesis of 6,12-diaryl-5,11-dihydroindolo[3,2-b]carbazoles. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 380-385.	2.8	46
74	Protein-Assisted Formation and Stabilization of Catalytically Active Polyoxometalate Species. <i>Chemistry - A European Journal</i> , 2018, 24, 10099-10108.	3.3	45
75	Cationic Gold(I)-Catalyzed Cascade Bicyclizations for Divergent Synthesis of (Spiro)polyheterocycles. <i>ACS Catalysis</i> , 2018, 8, 6388-6393.	11.2	45
76	Synthesis, Spectroscopy, Crystal Structure Determination, and Quantum Chemical Calculations of BODIPY Dyes with Increasing Conformational Restriction and Concomitant Red-Shifted Visible Absorption and Fluorescence Spectra. <i>Chemistry - an Asian Journal</i> , 2010, 5, 2016-2026.	3.3	44
77	Species Distribution and Coordination of Uranyl Chloro Complexes in Acetonitrile. <i>Inorganic Chemistry</i> , 2008, 47, 2987-2993.	4.0	43
78	(Thio)ureido Anion Receptors Based on a 1,3-Alternate Oxacalix[2]arene[2]pyrimidine Scaffold. <i>Journal of Organic Chemistry</i> , 2012, 77, 2791-2797.	3.2	43
79	Microwave-Assisted Synthesis of Pyrazino[2,1- <i>bc</i>]quinazolines and 3-Indolyl-1 <i>H</i> -pyrazinones Employing a Chemoselective Silver(I)- and Gold(I)-Catalyzed Reaction. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1593-1599.	4.3	43
80	Mechanistic investigation of mEos4b reveals a strategy to reduce track interruptions in sptPALM. <i>Nature Methods</i> , 2019, 16, 707-710.	19.0	43
81	Modular Access to Diverse Bridged Indole Alkaloid Mimics via a Gold-Triggered Cascade Dearomative Spirocarbocyclization/[4 + 2] Cycloaddition Sequence. <i>Organic Letters</i> , 2019, 21, 4469-4474.	4.6	43
82	Molecular and crystal structure of d(CGCGmo4CG): N4-methoxycytosine \hat{A} -guanine base-pairs in Z-DNA. <i>Journal of Molecular Biology</i> , 1990, 216, 773-781.	4.2	42
83	B-DNA at atomic resolution reveals extended hydration patterns. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 1999, 55, 1495-1502.	2.5	42
84	Solvation Structure of Sodium Bis(fluorosulfonyl)imide-Glyme Solvate Ionic Liquids and Its Influence on Cycling of Na-MNC Cathodes. <i>Journal of Physical Chemistry B</i> , 2018, 122, 275-289.	2.6	42
85	Thermotropic Ruthenium(II)-Containing Metallomesogens Based on Substituted 1,10-Phenanthroline Ligands. <i>Inorganic Chemistry</i> , 2009, 48, 2490-2499.	4.0	40
86	Supported gold nanoparticles as efficient and reusable heterogeneous catalyst for cycloisomerization reactions. <i>Green Chemistry</i> , 2015, 17, 3314-3318.	9.0	40
87	Diversity Oriented Microwave-Assisted Synthesis of (\hat{A})-Steganacin Aza-Analogues. <i>Journal of Organic Chemistry</i> , 2008, 73, 7509-7516.	3.2	39
88	An Asymmetric Approach towards (\hat{A})-Aphanorphine and Its Analogues. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 793-796.	2.4	38
89	Homoselenacalix[<i>n</i>]arenes. <i>Organic Letters</i> , 2009, 11, 3040-3043.	4.6	38
90	Ligand-controlled product selectivity in palladium-catalyzed domino post-Ugi construction of (spiro)polyheterocycles. <i>Chemical Communications</i> , 2016, 52, 5516-5519.	4.1	38

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91	Crystal structures of low-melting ionic transition-metal complexes with N-alkylimidazole ligands. <i>CrystEngComm</i> , 2012, 14, 4902.	2.6	37
92	Diastereoselective intramolecular hetero Diels-Alder approach towards polycyclic heterocycles. <i>Tetrahedron</i> , 2002, 58, 531-544.	1.9	36
93	Odd-Numbered Oxacalixarenes ($n = 5, 7$): Synthesis and Solid-State Structures. <i>Organic Letters</i> , 2011, 13, 126-129.	4.6	36
94	Heteroleptic silver-containing ionic liquids. <i>Dalton Transactions</i> , 2012, 41, 6902.	3.3	36
95	Synthesis and Structural Elucidation of Diversely Functionalized 5,10-Diaza[5]Helicenes. <i>Journal of Organic Chemistry</i> , 2012, 77, 10176-10183.	3.2	36
96	Silver-Containing Ionic Liquids with Alkylamine Ligands. <i>ChemPlusChem</i> , 2013, 78, 578-588.	2.8	36
97	Facile synthesis of novel indolo[3,2-b]carbazole derivatives and a chromogenic-sensing 5,12-dihydroindolo[3,2-b]carbazole. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 2484.	2.8	35
98	Rigid tetracatenar liquid crystals derived from 1,10-phenanthroline. <i>Soft Matter</i> , 2008, 4, 2172.	2.7	34
99	BOPAHY: a doubly chelated highly fluorescent pyrrole-acyl hydrazone BF_2 chromophore. <i>Chemical Communications</i> , 2020, 56, 5791-5794.	4.1	34
100	Synthesis of pyrazino[1,2-a]benzimidazol-1(2H)ones via a microwave assisted Buchwald-Hartwig type reaction. <i>Tetrahedron</i> , 2008, 64, 8128-8133.	1.9	33
101	A Novel and Versatile Entry to Asymmetrically Substituted Pyrazines. <i>Journal of Organic Chemistry</i> , 2008, 73, 2382-2388.	3.2	33
102	T-shaped Ionic Liquid Crystals Based on the Imidazolium Motif: Exploring Substitution of the Imidazolium Carbon Atom. <i>Chemistry - A European Journal</i> , 2011, 17, 4291-4306.	3.3	33
103	Computational design of symmetrical eight-bladed \hat{I}^2 -propeller proteins. <i>IUCr</i> , 2019, 6, 46-55.	2.2	33
104	Liquid-crystalline azines formed by the rare-earth promoted decomposition of hydrazide ligands: structural and thermal properties. <i>Journal of Materials Chemistry</i> , 2003, 13, 1639-1645.	6.7	32
105	Alkali-Metal Salts of Aromatic Carboxylic Acids: Liquid Crystals without Flexible Chains. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 563-571.	2.0	31
106	Rare-Earth Nitroquinolinates: Visible-Light-Sensitizable Near-Infrared Emitters in Aqueous Solution. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 302-305.	2.0	31
107	Synthesis and structural exploration of disulfide bridged [2n] pillararene-like molecules. <i>Chemical Communications</i> , 2013, 49, 6310.	4.1	31
108	Ruthenium-catalyzed cascade C-H activation/annulation of <i>N</i> -alkoxybenzamides: reaction development and mechanistic insight. <i>Chemical Science</i> , 2020, 11, 11562-11569.	7.4	31

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109	Carbene formation upon reactive dissolution of metal oxides in imidazolium ionic liquids. Dalton Transactions, 2014, 43, 3443-3452.	3.3	30
110	Electrodeposition of Lithium from Lithium-Containing Solvate Ionic Liquids. Journal of Physical Chemistry C, 2014, 118, 20152-20162.	3.1	29
111	A versatile and highly efficient post-functionalization method for grafting organic molecules onto Anderson-type polyoxometalates. Dalton Transactions, 2015, 44, 19059-19062.	3.3	29
112	Mechanistic Investigations of Green mEos4b Reveal a Dynamic Long-Lived Dark State. Journal of the American Chemical Society, 2020, 142, 10978-10988.	13.7	29
113	Palladium-Catalyzed Arylative Dearomatization and Subsequent Aromatization/Dearomatization/Aza-Michael Addition: Access to Zephyrcarinatine and Zephygranditine Skeletons. Organic Letters, 2021, 23, 5065-5070.	4.6	29
114	Conformational Flexibility of the DNA Backbone. Journal of the American Chemical Society, 2000, 122, 232-240.	13.7	28
115	High current density electrodeposition of silver from silver-containing liquid metal salts with pyridine-N-oxide ligands. Dalton Transactions, 2014, 43, 1589-1598.	3.3	28
116	Coordination environment of [UO ₂ Br ₄] ²⁻ in ionic liquids and crystal structure of [Bmim] ₂ [UO ₂ Br ₄]. Polyhedron, 2009, 28, 1281-1286.	2.2	27
117	Revisiting the planarity of nucleic acid bases: Pyramidilization at glycosidic nitrogen in purine bases is modulated by orientation of glycosidic torsion. Nucleic Acids Research, 2009, 37, 7321-7331.	14.5	27
118	Synthetic Exploration of Oxacalix[2]arene[2]quinazolines. European Journal of Organic Chemistry, 2010, 2010, 4122-4129.	2.4	27
119	Unexpected regio- and chemoselectivity of cationic gold-catalyzed cycloisomerizations of propargylureas: access to tetrasubstituted 3,4-dihydropyrimidin-2(1H)-ones. Organic and Biomolecular Chemistry, 2014, 12, 1741.	2.8	27
120	Homoleptic and heteroleptic N-alkylimidazole zinc(II)-containing ionic liquids for high current density electrodeposition. Dalton Transactions, 2014, 43, 12329-12341.	3.3	27
121	X-ray and vibrational studies of 8-aminoquinoline. Evidence for a three-center hydrogen bond. Journal of Physical Organic Chemistry, 1997, 10, 680-686.	1.9	26
122	Synthesis of Functionalized Dioxo-aza[7]helicenes Using Palladium Catalyzed Arylations. Organic Letters, 2012, 14, 1500-1503.	4.6	26
123	Metals in the active site of native protein phosphatase-1. Journal of Inorganic Biochemistry, 2015, 149, 1-5.	3.5	26
124	Oxidative reactions of 6-pentyl indolo[3,2-b]carbazole: formation of novel C=C and C=N coupled dimers. Organic and Biomolecular Chemistry, 2006, 4, 3785-3789.	2.8	25
125	Room-temperature silver-containing liquid metal salts with nitrate anions. Physical Chemistry Chemical Physics, 2013, 15, 18934.	2.8	25
126	Synthesis of novel imidazole-based triheterocycles via a domino Ugi/Michael reaction and silver-catalyzed heteroannulation. RSC Advances, 2016, 6, 103601-103605.	3.6	25

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127	Facile construction of diverse polyheterocyclic scaffolds <i>via</i> gold-catalysed dearomative spirocyclization/1,6-addition cascade. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6284-6292.	2.8	25
128	The regioselectivity of the formation of 2-pyrazolylthiazoles and their precursors from the reaction of 2-hydrazinothiazoles with 4,4,4-trifluoro-1-hetaryl-1,3-butanediones. <i>Journal of Fluorine Chemistry</i> , 2002, 115, 183-192.	1.7	24
129	Netropsin interactions in the minor groove of d(GGCCAATTGC) studied by a combination of resolution enhancement and ab initio calculations. <i>FEBS Journal</i> , 2005, 272, 3531-3541.	4.7	24
130	Imino-quinolyl palladium(II) and platinum(II) complexes: Synthesis, characterization, molecular structures and cytotoxic effect. <i>Inorganica Chimica Acta</i> , 2013, 400, 197-202.	2.4	24
131	Electrodeposition of thick palladium coatings from a palladium(II)-containing ionic liquid. <i>Chemical Communications</i> , 2014, 50, 10248-10250.	4.1	24
132	Intramolecular Carbonylative C-H Functionalization of 1,2,3-Triazoles for the Synthesis of Triazolo[1,5-a]indolones. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1271-1276.	4.3	24
133	Optical Absorption Spectra of Aromatic Isothianaphthene Oligomers: Theory and Experiment. <i>The Journal of Physical Chemistry</i> , 1995, 99, 3932-3938.	2.9	23
134	Direct Observation of Two Base-pairing Modes of a Cytosine-Thymine Analogue with Guanine in a DNAZ-form Duplex: Significance for Base Analogue Mutagenesis. <i>Journal of Molecular Biology</i> , 1995, 251, 665-673.	4.2	23
135	Adducts of Schiff Bases with Tris(2-diketonato)lanthanide(III) Complexes: Structure and Liquid-Crystalline Behaviour. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 3028-3033.	2.0	23
136	Chiral imidates as a new class of nitrogen-based chiral ligands: synthesis and catalytic activity in asymmetric aziridinations and diethylzinc additions. <i>Tetrahedron</i> , 2009, 65, 8879-8884.	1.9	23
137	Diazadithia[7]helicenes: Synthetic Exploration, Solid State Structure, and Properties. <i>Chemistry - A European Journal</i> , 2013, 19, 12077-12085.	3.3	23
138	â€™, a structurally novel ssDNA-binding transcription regulator of N4-related bacterial viruses. <i>Nucleic Acids Research</i> , 2020, 48, 445-459.	14.5	23
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