

# Giulia Licini

## List of Publications by Year in descending order

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113  
papers

3,554  
citations

136950

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161849

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127  
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127  
docs citations

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times ranked

2917  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanistic aspects of vanadium catalysed oxidations with peroxides. <i>Coordination Chemistry Reviews</i> , 2011, 255, 2165-2177.	18.8	189
2	The medicinal and catalytic potential of model complexes of vanadate-dependent haloperoxidases. <i>Coordination Chemistry Reviews</i> , 2003, 237, 53-63.	18.8	168
3	Recent advances in vanadium catalyzed oxygen transfer reactions. <i>Coordination Chemistry Reviews</i> , 2011, 255, 2345-2357.	18.8	155
4	Enantioselective Titanium-Catalyzed Sulfides Oxidation: Novel Ligands Provide Significantly Improved Catalyst Life. <i>Journal of Organic Chemistry</i> , 1996, 61, 5175-5177.	3.2	152
5	C3 Vanadium(V) Amine Triphenolate Complexes: Vanadium Haloperoxidase Structural and Functional Models. <i>Inorganic Chemistry</i> , 2008, 47, 8616-8618.	4.0	103
6	C3-Symmetric Ti(IV) Triphenolate Amino Complexes as Sulfoxidation Catalysts with Aqueous Hydrogen Peroxide. <i>Organic Letters</i> , 2007, 9, 21-24.	4.6	93
7	Vanadium(V) Catalysts with High Activity for the Coupling of Epoxides and CO <sub>2</sub> : Characterization of a Putative Catalytic Intermediate. <i>ACS Catalysis</i> , 2017, 7, 2367-2373.	11.2	93
8	Oligopeptide Foldamers: From Structure to Function. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 969-977.	2.4	86
9	Enantioselective Ti(IV) Sulfoxidation Catalysts Bearing C3-Symmetric Trialkanolamine Ligands: A Solution Speciation by <sup>1</sup> H NMR and ESI-MS Analysis. <i>Journal of the American Chemical Society</i> , 1999, 121, 6258-6268.	13.7	83
10	Titanium(IV) (R,R,R)-Tris(2-phenylethoxy)amine Alkylperoxo Complex Mediated Oxidations: The Biphilic Nature of the Oxygen Transfer to Organic Sulfur Compounds. <i>Journal of the American Chemical Society</i> , 1997, 119, 6935-6936.	13.7	81
11	Amine triphenolate complexes: synthesis, structure and catalytic activity. <i>Dalton Transactions</i> , 2009, , 5265.	3.3	78
12	The First Chiral Zirconium(IV) Catalyst for Highly Stereoselective Sulfoxidation. <i>Journal of Organic Chemistry</i> , 1999, 64, 1326-1330.	3.2	71
13	Glycine- and Sarcosine-Based Models of Vanadate-Dependent Haloperoxidases in Sulfoxxygenation Reactions. <i>Inorganic Chemistry</i> , 2007, 46, 196-207.	4.0	70
14	Asymmetric oxidation of 1,3-dithiolanes. A route to the optical resolution of carbonyl compounds. <i>Tetrahedron Letters</i> , 1986, 27, 6257-6260.	1.4	69
15	Catalysis of Oxo Transfer to Prochiral Sulfides by Oxovanadium(V) Compounds That Model the Active Center of Haloperoxidases. <i>Chemistry - A European Journal</i> , 2003, 9, 4700-4708.	3.3	66
16	Reactivity Control in Iron(III) Amino Triphenolate Complexes: Comparison of Monomeric and Dimeric Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 10639-10649.	4.0	66
17	Vanadium catalyzed aerobic carbon-carbon cleavage. <i>Coordination Chemistry Reviews</i> , 2015, 301-302, 147-162.	18.8	63
18	Triggering Assembly and Disassembly of a Supramolecular Cage. <i>Journal of the American Chemical Society</i> , 2017, 139, 6456-6460.	13.7	59

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19	Molybdenum(VI) Amino Triphenolate Complexes as Catalysts for Sulfoxidation, Epoxidation and Haloperoxidation. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 2937-2942.	4.3	53
20	Concentration-Independent Stereodynamic <i>g</i> -Probe for Chiroptical Enantiomeric Excess Determination. <i>Journal of the American Chemical Society</i> , 2017, 139, 15616-15619.	13.7	49
21	Determination of Amino Acid Enantiopurity and Absolute Configuration: Synergism between Configurationally Labile Metal-Based Receptors and Dynamic Covalent Interactions. <i>Chemistry - A European Journal</i> , 2013, 19, 16809-16813.	3.3	47
22	Ti(IV)-amino triphenolate complexes as effective catalysts for sulfoxidation. <i>Dalton Transactions</i> , 2010, 39, 7384.	3.3	46
23	A Correlation between the Absolute Configuration of Alkyl Aryl Sulfoxides and Their Helical Twisting Powers in Nematic Liquid Crystals. <i>Journal of Organic Chemistry</i> , 2003, 68, 519-526.	3.2	43
24	<i>C</i> <sub>3</sub> -Symmetric Titanium(IV) Triphenolate Amino Complexes for a Fast and Effective Oxidation of Secondary Amines to Nitrones with Hydrogen Peroxide. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2503-2506.	4.3	43
25	Tuning the reactivity and efficiency of copper catalysts for atom transfer radical polymerization by synthetic modification of tris(2-methylpyridyl)amine. <i>Polymer</i> , 2017, 128, 169-176.	3.8	41
26	Consequences of fixing three parallel coplanar double bonds in close proximity with different geometries. Synthesis and spectral parameters of syn- and anti-sesquinorbornatriene. <i>Journal of the American Chemical Society</i> , 1986, 108, 3453-3460.	13.7	40
27	Multimetallic Architectures from the Self-assembly of Amino Acids and Tris(2-pyridylmethyl)amine Zinc(II) Complexes: Circular Dichroism Enhancement by Chromophores Organization. <i>Chemistry - A European Journal</i> , 2016, 22, 6515-6518.	3.3	40
28	A "waterproof" catalyst for the oxidation of secondary amines to nitrones with alkyl hydroperoxides. <i>Tetrahedron Letters</i> , 2003, 44, 49-52.	1.4	39
29	Co(II)-induced giant vibrational CD provides a new design of methods for rapid and sensitive chirality recognition. <i>Chemical Communications</i> , 2016, 52, 8428-8431.	4.1	39
30	Efficient Vanadium-Catalyzed Aerobic C-C Bond Oxidative Cleavage of Vicinal Diols. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3286-3296.	4.3	38
31	Supramolecular cages as differential sensors for dicarboxylate anions: guest length sensing using principal component analysis of ESI-MS and <sup>1</sup> H-NMR raw data. <i>Chemical Science</i> , 2019, 10, 3523-3528.	7.4	38
32	Use of electrospray ionization mass spectrometry to characterize chiral reactive intermediates in a titanium alkoxide mediated sulfoxidation reaction. <i>Chemical Communications</i> , 1997, , 869-870.	4.1	33
33	Effective synthesis of ortho-substituted triphenol amines via reductive amination. <i>Tetrahedron Letters</i> , 2006, 47, 2735-2738.	1.4	33
34	Stereoselective Control by Face-to-Face Versus Edge-to-Face Aromatic Interactions: The Case of <i>C</i> <sub>3</sub> -Ti <sup>IV</sup> Amino Triphenolate Sulfoxidation Catalysts. <i>Chemistry - A European Journal</i> , 2010, 16, 645-654.	3.3	33
35	Nucleophilicity Prediction via Multivariate Linear Regression Analysis. <i>Journal of Organic Chemistry</i> , 2021, 86, 3555-3564.	3.2	33
36	Asymmetric oxidation of thioethers. <i>Tetrahedron Letters</i> , 1989, 30, 4859-4862.	1.4	32

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37	Highly regioselective microwave-assisted synthesis of enantiopure C3-symmetric trialkanolamines. <i>Tetrahedron Letters</i> , 2002, 43, 2581-2584.	1.4	32
38	Enantioselective $\alpha$ -Arylation of Ketones via a Novel Cu(I)-Bis(phosphine) Dioxide Catalytic System. <i>Journal of the American Chemical Society</i> , 2021, 143, 3289-3294.	13.7	32
39	Enantioselective oxidation of thioethers1: An easy route to enantiopure C2 symmetrical bis-methylsulfinylbenzenes. <i>Tetrahedron Letters</i> , 1993, 34, 2975-2978.	1.4	31
40	Role of Intermolecular Interactions in Oxygen Transfer Catalyzed by Silsesquioxane Trisilanolate Vanadium(V). <i>Inorganic Chemistry</i> , 2009, 48, 4724-4728.	4.0	31
41	Asymmetric oxidation of thioethers. Optical resolution of [1,1'-binaphthalene]-2,2'-dithiol. <i>Tetrahedron Letters</i> , 1989, 30, 2575-2576.	1.4	30
42	A Diastereodynamic Probe Transducing Molecular Length into Chiroptical Readout. <i>Journal of the American Chemical Society</i> , 2019, 141, 11963-11969.	13.7	29
43	Enantioselective oxidation of thioethers: synthesis of trans-2-N,N-dialkylacetamide-1,3-dithiolanes-S-oxide and their use in asymmetric aldol-type reactions. <i>Tetrahedron Letters</i> , 1992, 33, 3043-3044.	1.4	28
44	Enantioselective oxidation of $\beta$ -hydroxythioethers. Synthesis of optically active alcohols and epoxides. <i>Tetrahedron: Asymmetry</i> , 1991, 2, 257-276.	1.8	27
45	Metal-driven self assembly of C3 symmetry molecular cages. <i>Chemical Communications</i> , 2000, , 1087-1088.	4.1	26
46	Duality of Mechanism in the Tetramethylfluoroformamidinium Hexafluorophosphate-Mediated Synthesis of N-Benzyloxycarbonylamino Acid Fluorides. <i>Journal of Organic Chemistry</i> , 2001, 66, 5905-5910.	3.2	25
47	Stereoselective Iodocyclization of (S)-Allylalanine Derivatives: $\beta$ -Lactone vs Cyclic Carbamate Formation. <i>Organic Letters</i> , 2007, 9, 2365-2368.	4.6	25
48	Stereoselective dimerization of racemic C3-symmetric Ti(IV) amine triphenolate complexes. <i>Dalton Transactions</i> , 2007, , 1573-1576.	3.3	25
49	Binding Profiles of Self-Assembled Supramolecular Cages from ESI-MS Based Methodology. <i>Chemistry - A European Journal</i> , 2018, 24, 2936-2943.	3.3	25
50	Cobalt, nickel, and iron complexes of 8-hydroxyquinoline-di(2-picoyl)amine for light-driven hydrogen evolution. <i>Dalton Transactions</i> , 2017, 46, 16455-16464.	3.3	24
51	Tris(2-pyridylmethyl)amines as emerging scaffold in supramolecular chemistry. <i>Coordination Chemistry Reviews</i> , 2021, 427, 213558.	18.8	24
52	Reactivity of phenyl(tolylsulfonyl)acetylene towards dienes and homo-dienes: cycloadditions versus fragmentation-addition reactions. <i>Tetrahedron Letters</i> , 1988, 29, 831-834.	1.4	23
53	Intramolecular asymmetric tandem additions to chiral naphthyl oxazolines. <i>Tetrahedron Letters</i> , 1989, 30, 4049-4052.	1.4	23
54	Enantiopure Ti(IV) amino triphenolate complexes as NMR chiral solvating agents. <i>Chirality</i> , 2011, 23, 796-800.	2.6	23

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55	Effective bromo and chloro peroxidation catalysed by tungsten( $\nu$ ) amino triphenolate complexes. Dalton Transactions, 2016, 45, 14603-14608.	3.3	22
56	Metal-Ion-Binding Peptides: From Catalysis to Protein Tagging. Angewandte Chemie - International Edition, 2003, 42, 4572-4575.	13.8	21
57	Ti(IV)/trialkanolamine catalytic polymeric membranes: Preparation, characterization, and use in oxygen transfer reactions. Journal of Catalysis, 2006, 238, 221-231.	6.2	21
58	Heterolytic (2e <sup>-</sup> ) vs Homolytic (1e <sup>-</sup> ) Oxidation Reactivity: N <sup>•</sup> H versus C <sup>•</sup> H Switch in the Oxidation of Lactams by Dioxirans. Chemistry - A European Journal, 2017, 23, 259-262.	3.3	21
59	Supramolecular cage encapsulation as a versatile tool for the experimental quantification of aromatic stacking interactions. Chemical Science, 2019, 10, 1466-1471.	7.4	20
60	Thermal and photochemical addition of phenyl(arylsulphonyl)acetylenes to alkenes. Journal of the Chemical Society Chemical Communications, 1985, , 1597.	2.0	19
61	Effective Oxidation of Secondary Amines to Nitrones with Alkyl Hydroperoxides Catalysed by (Trialkanolamino)titanium(IV) Complexes. European Journal of Organic Chemistry, 2010, 2010, 740-748.	2.4	19
62	Second-Generation Tris(2-pyridylmethyl)amine-Zinc Complexes as Probes for Enantiomeric Excess Determination of Amino Acids. European Journal of Organic Chemistry, 2017, 2017, 1438-1442.	2.4	19
63	A stereodynamic fluorescent probe for amino acids. Circular dichroism and circularly polarized luminescence analysis. Chirality, 2018, 30, 65-73.	2.6	19
64	On the Mechanism of the Oxygen Transfer to Sulfoxides by (Peroxo)[tris(hydroxyalkyl)amine]Ti(IV) Complexes: Evidence for a Metal-Template-Assisted Process. European Journal of Organic Chemistry, 2003, 2003, 507-511.	2.4	18
65	Ti(IV)-based catalytic membranes for efficient and selective oxidation of secondary amines. Tetrahedron Letters, 2004, 45, 7515-7518.	1.4	18
66	$\alpha$ -Tetrasubstituted Amino Acid Based Peptides in Asymmetric Catalysis. Biopolymers, 2006, 84, 97-104.	2.4	17
67	Small molecule activation. Dalton Transactions, 2016, 45, 14419-14420.	3.3	17
68	Atropisomeric sulphur compounds in organic synthesis: generation and reactions of the carbanions of dinaphtho[2,1-d:1',2'-f][1,3]dithiepine and its oxides. Journal of the Chemical Society Chemical Communications, 1989, , 411-412.	2.0	16
69	Synthesis and Diels-Alder reactions of enantiopure ( $\alpha$ )-trans-benzo[d]-dithiine-S,S'-dioxide. Tetrahedron: Asymmetry, 1996, 7, 369-372.	1.8	16
70	Chiroptical Enhancement of Chiral Dicarboxylic Acids from Confinement in a Stereodynamic Supramolecular Cage. ACS Sensors, 2022, 7, 1390-1394.	7.8	16
71	Non-covalent Activation of a Titanium(IV) Oxygen-Transfer Catalyst. Chemistry - A European Journal, 2013, 19, 9438-9441.	3.3	14
72	Mononuclear Iron(III) Complexes as Functional Models of Catechol Oxidases and Catalases. European Journal of Inorganic Chemistry, 2015, 2015, 3478-3484.	2.0	14

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73	Dissection of the Polar and Non-Polar Contributions to Aromatic Stacking Interactions in Solution. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23871-23877.	13.8	14
74	Allosteric Regulation of an HIV-1 Protease Inhibitor by ZnII Ions. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3899-3902.	13.8	13
75	Computational Analysis of Enantioselective Pd-Catalyzed $\alpha$ -Arylation of Ketones. <i>Journal of Organic Chemistry</i> , 2020, 85, 11511-11518.	3.2	13
76	Ethylenebis(sulfonyl)-bridged 1,1'-Binaphthalene, an Atropisomeric Dienophile for Highly Diastereoselective Diels-Alder Reactions. <i>Angewandte Chemie International Edition in English</i> , 1989, 28, 766-767.	4.4	12
77	Assembling Synthons in a Chiral Form: Equivalence of 6H, 12H-Dibenzo[b,f][1,5]dithiocin-S,S-dioxide to Two Chiral Benzyl Units. <i>Tetrahedron Letters</i> , 1992, 33, 2053-2054.	1.4	12
78	1,2-bis(ARYLSULFONYL)ALKENES. A REVIEW. <i>Organic Preparations and Procedures International</i> , 1991, 23, 571-592.	1.3	11
79	Chiral, Enantiopure Aluminum(III) and Titanium(IV) Azatranes. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1032-1040.	2.0	11
80	Diastereoselective multi-component assemblies from dynamic covalent imine condensation and metal-coordination chemistry: mechanism and narcissistic stereochemistry self-sorting. <i>RSC Advances</i> , 2018, 8, 19494-19498.	3.6	11
81	Effective Synthesis of <i>ortho</i> -Substituted Trithiophenol Amines by Miyazaki's "Newman" Kwart Rearrangement. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5636-5640.	2.4	10
82	Revisiting the Hammett $\rho$ Parameter for the Determination of Philicity: Nucleophilic Substitution with Inverse Charge Interaction. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2911-2914.	13.8	10
83	Viral nano-hybrids for innovative energy conversion and storage schemes. <i>Journal of Materials Chemistry B</i> , 2015, 3, 6718-6730.	5.8	10
84	Discrimination of Octahedral versus Trigonal Bipyramidal Coordination Geometries of Homogeneous TiIV, VV, and MoVI Amino Triphenolate Complexes through Nitroxyl Radical Units. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 4968-4973.	2.0	10
85	Electrocatalytic hydrogen evolution using hybrid electrodes based on single-walled carbon nanohorns and cobalt( <i>sc</i> ) polypyridine complexes. <i>Journal of Materials Chemistry A</i> , 2021, 9, 20032-20039.	10.3	10
86	Straight from the bottle! Wine and juice dicarboxylic acids as templates for supramolecular cage self-assembly. <i>Chemical Communications</i> , 2021, 57, 10019-10022.	4.1	10
87	Selective phosphatidylethanolamine translocation across vesicle membranes using synthetic translocases. <i>Chemical Communications</i> , 2002, , 260-261.	4.1	9
88	Synthesis, Characterization and Catalytic Activity of a Tungsten(VI) Amino Triphenolate Complex. <i>Catalysis Letters</i> , 2017, 147, 2313-2318.	2.6	9
89	anti-1,4,5,8-Tetrahydro-1,4;5,8-dimethanonaphthalene (sesquinorbornadiene), a molecule with three parallel, coplanar, and interacting double bonds. <i>Journal of the Chemical Society Chemical Communications</i> , 1985, , 418.	2.0	8
90	Regio- and stereocontrol in the intramolecular nitrile oxide cycloaddition to 2-furylthiol- and 2-furylmethanethiol derivatives.. <i>Tetrahedron</i> , 1991, 47, 3869-3886.	1.9	8

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91	Helicity control of a perfluorinated carbon chain within a chiral supramolecular cage monitored by VCD. <i>Chemical Communications</i> , 2022, 58, 2152-2155.	4.1	8
92	Ethylenbis(sulfonyl)äberbrücktes 1,1-Binaphthalin, ein atropisomeres Dienophil für hochdiastereoselektive Diels-Alder-Reaktionen. <i>Angewandte Chemie</i> , 1989, 101, 767-768.	2.0	7
93	Hetero-Coencapsulation within a Supramolecular Cage: Moving away from the Statistical Distribution of Different Guests. <i>Chemistry - A European Journal</i> , 2020, 26, 9454-9458.	3.3	7
94	Chiral recognition via a stereodynamic vanadium probe using the electronic circular dichroism effect in differential Raman scattering. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 23336-23340.	2.8	7
95	Mass spectrometric investigation of substituted 1,3-emthiolaneS-oxides. <i>Organic Mass Spectrometry</i> , 1988, 23, 841-845.	1.3	5
96	Titanium-Promoted Enantioselective Oxidation of Thioethers and Synthetic Applications. <i>Studies in Surface Science and Catalysis</i> , 1991, , 385-394.	1.5	5
97	Tripodal gold polypyridyl complexes and their Cu <sup>+</sup> and Zn <sup>2+</sup> heterometallic derivatives. Effects on luminescence. <i>Dalton Transactions</i> , 2020, 49, 14613-14625.	3.3	5
98	Transition-Metal-Catalyzed Enantioselective $\hat{\pm}$ -Arylation of Carbonyl Compounds to Give Tertiary Stereocenters. <i>Synthesis</i> , 2021, 53, 4559-4566.	2.3	5
99	Elucidating Sulfide Activation Mode in Metal-Catalyzed Sulfoxidation Reactivity. <i>Inorganic Chemistry</i> , 2022, 61, 4494-4501.	4.0	5
100	Three-Dimensional Porous Architectures Based on MnII/III Three-Blade Paddle Wheel Metallacryptates. <i>Crystal Growth and Design</i> , 2019, 19, 1954-1964.	3.0	4
101	Extending substrate sensing capabilities of zinc tris(2-pyridylmethyl)amine-based stereodynamic probe. <i>Chirality</i> , 2019, 31, 375-383.	2.6	4
102	Enantioselective S-Oxidation: Synthetic Applications. <i>Catalysis By Metal Complexes</i> , 1991, , 91-105.	0.6	4
103	Enantioselective Oxidation of Thioethers. An Improved Route to the Resolution of [1,1-Binaphthalene]-2,2-Dithiol. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1993, 74, 399-400.	1.6	3
104	Organic Polyradicals as Redox Mediators: Effect of Intramolecular Radical Interactions on Their Efficiency. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 45968-45975.	8.0	3
105	Tris-pyridylmethylamine (TPMA) complexes functionalized with persistent nitronyl nitroxide organic radicals. <i>Dalton Transactions</i> , 2020, 49, 10011-10016.	3.3	3
106	Dissection of the Polar and Non-Polar Contributions to Aromatic Stacking Interactions in Solution. <i>Angewandte Chemie</i> , 2021, 133, 24064.	2.0	2
107	Cu(I)-Bis(phosphine) Dioxides as Catalysts for the Enantioselective $\hat{\pm}$ -Arylation of Carbonyl Compounds. <i>Synlett</i> , 2021, 32, 1473-1478.	1.8	1
108	Mixed Multimetallic tris (2-pyridylmethyl)amine Based Complexes: Synthesis and Chiroptical Properties. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2942-2946.	2.0	1

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109	A "Waterproof" Catalyst for the Oxidation of Secondary Amines to Nitrones with Alkyl Hydroperoxides.. ChemInform, 2003, 34, no.	0.0	0
110	Metal-Ion-Binding Peptides: From Catalysis to Protein Tagging.. ChemInform, 2003, 34, no.	0.0	0
111	Oligopeptide Foldamers: From Structure to Function. ChemInform, 2005, 36, no.	0.0	0
112	Iridium-mediated Bond Activation and Water Oxidation as an Exemplary Case of CARISMA, A European Network for the Development of Catalytic Routines for Small Molecule Activation. Chimia, 2015, 69, 316-320.	0.6	0
113	Discrimination of Octahedral versus Trigonal Bipyramidal Coordination Geometries of Homogeneous TiIV , VV , and MoVI Amino Triphenolate Complexes through Nitroxyl Radical Units. European Journal of Inorganic Chemistry, 2016, 2016, 4939-4939.	2.0	0