

# Giulia Licini

## List of Publications by Citations

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108  
papers

2,933  
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30  
h-index

49  
g-index

127  
ext. papers

3,254  
ext. citations

6.3  
avg, IF

5.25  
L-index

#	Paper	IF	Citations
108	Mechanistic aspects of vanadium catalysed oxidations with peroxides. <i>Coordination Chemistry Reviews</i> , <b>2011</b> , 255, 2165-2177	23.2	160
107	The medicinal and catalytic potential of model complexes of vanadate-dependent haloperoxidases. <i>Coordination Chemistry Reviews</i> , <b>2003</b> , 237, 53-63	23.2	157
106	Recent advances in vanadium catalyzed oxygen transfer reactions. <i>Coordination Chemistry Reviews</i> , <b>2011</b> , 255, 2345-2357	23.2	136
105	Enantioselective Titanium-Catalyzed Sulfides Oxidation: Novel Ligands Provide Significantly Improved Catalyst Life. <i>Journal of Organic Chemistry</i> , <b>1996</b> , 61, 5175-5177	4.2	131
104	C3 vanadium(V) amine triphenolate complexes: vanadium haloperoxidase structural and functional models. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 8616-8	5.1	94
103	C3-symmetric Ti(IV) triphenolate amino complexes as sulfoxidation catalysts with aqueous hydrogen peroxide. <i>Organic Letters</i> , <b>2007</b> , 9, 21-4	6.2	85
102	Oligopeptide Foldamers: From Structure to Function. <i>European Journal of Organic Chemistry</i> , <b>2005</b> , 2005, 969-977	3.2	84
101	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> , <b>2017</b> , 7, 2367-2373	13.1	76
100	Amine triphenolate complexes: synthesis, structure and catalytic activity. <i>Dalton Transactions</i> , <b>2009</b> , 5265-77	4.3	70
99	Glycine- and sarcosine-based models of vanadate-dependent haloperoxidases in sulfoxxygenation reactions. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 196-207	5.1	69
98	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> , <b>1997</b> , 119, 6935-6936	16.4	68
97	Enantioselective Ti(IV) Sulfoxidation Catalysts Bearing C3-Symmetric Trialkanolamine Ligands: Solution Speciation by 1H NMR and ESI-MS Analysis. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 6258-6268	16.4	67
96	Reactivity control in iron(III) amino triphenolate complexes: comparison of monomeric and dimeric complexes. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 10639-49	5.1	63
95	Asymmetric oxidation of 1,3-dithiolanes. A route to the optical resolution of carbonyl compounds. <i>Tetrahedron Letters</i> , <b>1986</b> , 27, 6257-6260	2	60
94	Catalysis of oxo transfer to prochiral sulfides by oxovanadium(v) compounds that model the active center of haloperoxidases. <i>Chemistry - A European Journal</i> , <b>2003</b> , 9, 4700-8	4.8	58
93	The First Chiral Zirconium(IV) Catalyst for Highly Stereoselective Sulfoxidation. <i>Journal of Organic Chemistry</i> , <b>1999</b> , 64, 1326-1330	4.2	56
92	Vanadium catalyzed aerobic carbon-carbon cleavage. <i>Coordination Chemistry Reviews</i> , <b>2015</b> , 301-302, 147-162	23.2	48

91	Triggering Assembly and Disassembly of a Supramolecular Cage. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 6456-6460	16.4	46
90	Molybdenum(VI) Amino Triphenolate Complexes as Catalysts for Sulfoxidation, Epoxidation and Haloperoxidation. <i>Advanced Synthesis and Catalysis</i> , <b>2010</b> , 352, 2937-2942	5.6	45
89	Ti(IV)-amino triphenolate complexes as effective catalysts for sulfoxidation. <i>Dalton Transactions</i> , <b>2010</b> , 39, 7384-92	4.3	41
88	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> , <b>2003</b> , 68, 519-26	4.2	41
87	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> , <b>2013</b> , 19, 16809-13	4.8	39
86	C3-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> , <b>2008</b> , 350, 2503-2506	5.6	38
85	Concentration-Independent Stereodynamic g-Probe for Chiroptical Enantiomeric Excess Determination. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 15616-15619	16.4	37
84	Tuning the reactivity and efficiency of copper catalysts for atom transfer radical polymerization by synthetic modification of tris(2-methylpyridyl)amine. <i>Polymer</i> , <b>2017</b> , 128, 169-176	3.9	37
83	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> , <b>2016</b> , 22, 6515-8	4.8	35
82	A Waterproof Catalyst for the oxidation of secondary amines to nitrones with alkyl hydroperoxides. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 49-52	2	35
81	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> , <b>1986</b> , 108, 3453-3460	16.4	33
80	Co(ii)-induced giant vibrational CD provides a new design of methods for rapid and sensitive chirality recognition. <i>Chemical Communications</i> , <b>2016</b> , 52, 8428-31	5.8	32
79	Effective synthesis of ortho-substituted triphenol amines via reductive amination. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 2735-2738	2	31
78	Role of intermolecular interactions in oxygen transfer catalyzed by silsesquioxane trisilanolate vanadium(V). <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 4724-8	5.1	30
77	Stereoselective control by face-to-face versus edge-to-face aromatic interactions: the case of C(3)-Ti(IV) amino trialkolate sulfoxidation catalysts. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 645-54	4.8	30
76	Use of electrospray ionization mass spectrometry to characterize chiral reactive intermediates in a titanium alkoxide mediated sulfoxidation reaction. <i>Chemical Communications</i> , <b>1997</b> , 869-870	5.8	30
75	Asymmetric oxidation of thioethers. <i>Tetrahedron Letters</i> , <b>1989</b> , 30, 4859-4862	2	29
74	Supramolecular cages as differential sensors for dicarboxylate anions: guest length sensing using principal component analysis of ESI-MS and H-NMR raw data. <i>Chemical Science</i> , <b>2019</b> , 10, 3523-3528	9.4	25

73	Stereoselective dimerization of racemic C <sub>3</sub> -symmetric Ti(IV) amine triphenolate complexes. <i>Dalton Transactions</i> , <b>2007</b> , 1573-6	4.3	25
72	Stereoselective iodocyclization of (S)-allylalanine derivatives: gamma-lactone vs cyclic carbamate formation. <i>Organic Letters</i> , <b>2007</b> , 9, 2365-8	6.2	24
71	Highly regioselective microwave-assisted synthesis of enantiopure C <sub>3</sub> -symmetric trialkanolamines. <i>Tetrahedron Letters</i> , <b>2002</b> , 43, 2581-2584	2	24
70	Asymmetric oxidation of thioethers. Optical resolution of [1,1'-binaphthalene]-2,2'-dithiol. <i>Tetrahedron Letters</i> , <b>1989</b> , 30, 2575-2576	2	24
69	Metal-driven self assembly of C <sub>3</sub> symmetry molecular cages. <i>Chemical Communications</i> , <b>2000</b> , 1087-1088	5.8	23
68	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> , <b>1992</b> , 33, 3043-3044	2	23
67	Enantioselective oxidation of hydroxythioethers. Synthesis of optically active alcohols and epoxides. <i>Tetrahedron: Asymmetry</i> , <b>1991</b> , 2, 257-276		22
66	Enantioselective oxidation of thioethers: An easy route to enantiopure C <sub>2</sub> symmetrical bis-methylsulfinylbenzenes. <i>Tetrahedron Letters</i> , <b>1993</b> , 34, 2975-2978	2	22
65	Enantiopure Ti(IV) amino triphenolate complexes as NMR chiral solvating agents. <i>Chirality</i> , <b>2011</b> , 23, 796-800	2.1	21
64	A Diastereodynamic Probe Transducing Molecular Length into Chiroptical Readout. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 11963-11969	16.4	20
63	Ti(IV)/trialkanolamine catalytic polymeric membranes: Preparation, characterization, and use in oxygen transfer reactions. <i>Journal of Catalysis</i> , <b>2006</b> , 238, 221-231	7.3	20
62	Intramolecular asymmetric tandem additions to chiral naphthyl oxazolines. <i>Tetrahedron Letters</i> , <b>1989</b> , 30, 4049-4052	2	20
61	Second-Generation Tris(2-pyridylmethyl)amine-Zinc Complexes as Probes for Enantiomeric Excess Determination of Amino Acids. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 1438-1442	3.2	19
60	Supramolecular cage encapsulation as a versatile tool for the experimental quantification of aromatic stacking interactions. <i>Chemical Science</i> , <b>2019</b> , 10, 1466-1471	9.4	19
59	Duality of mechanism in the tetramethylfluoroformamidinium hexafluorophosphate-mediated synthesis of N-benzyloxycarbonylamino acid fluorides. <i>Journal of Organic Chemistry</i> , <b>2001</b> , 66, 5905-10	4.2	19
58	Reactivity of phenyl(tolylsulfonyl)acetylene towards dienes and homo-dienes: cycloadditions versus fragmentation-addition reactions. <i>Tetrahedron Letters</i> , <b>1988</b> , 29, 831-834	2	19
57	Binding Profiles of Self-Assembled Supramolecular Cages from ESI-MS Based Methodology. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 2936-2943	4.8	18
56	Efficient Vanadium-Catalyzed Aerobic C-C Bond Oxidative Cleavage of Vicinal Diols. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 3286-3296	5.6	18

55	Effective Oxidation of Secondary Amines to Nitrones with Alkyl Hydroperoxides Catalysed by (Trialkanolamino)titanium(IV) Complexes. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 740-748 <sup>3.2</sup>	18
54	Metal-ion-binding peptides: from catalysis to protein tagging. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 4572-5	16.4 18
53	Effective bromo and chloro peroxidation catalysed by tungsten(vi) amino triphenolate complexes. <i>Dalton Transactions</i> , <b>2016</b> , 45, 14603-8	4.3 17
52	Ti(IV)-based catalytic membranes for efficient and selective oxidation of secondary amines. <i>Tetrahedron Letters</i> , <b>2004</b> , 45, 7515-7518	2 17
51	On the Mechanism of the Oxygen Transfer to Sulfoxides by (Peroxo)[tris(hydroxyalkyl)amine]TiIV Complexes [Evidence for a Metal-Template-Assisted Process. <i>European Journal of Organic Chemistry</i> , <b>2003</b> , 2003, 507-511	3.2 17
50	Heterolytic (2 e) vs Homolytic (1 e) Oxidation Reactivity: N-H versus C-H Switch in the Oxidation of Lactams by Dioxirans. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 259-262	4.8 16
49	C(alpha)-tetrasubstituted amino acid based peptides in asymmetric catalysis. <i>Biopolymers</i> , <b>2006</b> , 84, 97-104	16
48	Thermal and photochemical addition of phenyl(arylsulphonyl)acetylenes to alkenes. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1985</b> , 1597	16
47	A stereodynamic fluorescent probe for amino acids. Circular dichroism and circularly polarized luminescence analysis. <i>Chirality</i> , <b>2018</b> , 30, 65-73	2.1 16
46	Cobalt, nickel, and iron complexes of 8-hydroxyquinoline-di(2-picoyl)amine for light-driven hydrogen evolution. <i>Dalton Transactions</i> , <b>2017</b> , 46, 16455-16464	4.3 14
45	Synthesis and Diels-Alder reactions of enantiopure (E)-trans-benzo[d]-dithiine-S,S'-dioxide. <i>Tetrahedron: Asymmetry</i> , <b>1996</b> , 7, 369-372	14
44	Mononuclear Iron(III) Complexes as Functional Models of Catechol Oxidases and Catalases. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 3478-3484	2.3 13
43	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. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1989</b> , 411-412	13
42	Non-covalent activation of a titanium(IV) oxygen-transfer catalyst. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 9438-41	4.8 12
41	Allosteric Regulation of an HIV-1 Protease Inhibitor by Zn Ions. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 3899-3902	16.4 12
40	Tris(2-pyridylmethyl)amines as emerging scaffold in supramolecular chemistry. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 427, 213558	23.2 12
39	Nucleophilicity Prediction Multivariate Linear Regression Analysis. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 3555-3564	4.2 11
38	Enantioselective $\alpha$ -Arylation of Ketones via a Novel Cu(I)-Bis(phosphine) Dioxide Catalytic System. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 3289-3294	16.4 11

37	Diastereoselective multi-component assemblies from dynamic covalent imine condensation and metal-coordination chemistry: mechanism and narcissistic stereochemistry self-sorting.. <i>RSC Advances</i> , <b>2018</b> , 8, 19494-19498	3.7	11
36	Viral nano-hybrids for innovative energy conversion and storage schemes. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 6718-6730	7.3	10
35	Effective Synthesis of ortho-Substituted Trithiophenol Amines by Miyazaki-Newman-Kwart Rearrangement. <i>European Journal of Organic Chemistry</i> , <b>2011</b> , 2011, 5636-5640	3.2	10
34	Chiral, Enantiopure Aluminum(III) and Titanium(IV) Azatranes. <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 1032-1040	2.3	10
33	Revisiting the Hammett $\rho$ -parameter for the determination of philicity: nucleophilic substitution with inverse charge interaction. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 2911-4	16.4	8
32	Selective phosphatidylethanolamine translocation across vesicle membranes using synthetic translocases. <i>Chemical Communications</i> , <b>2002</b> , 260-1	5.8	8
31	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> , <b>1992</b> , 33, 2053-2054	2	8
30	Ethylenebis(sulfonyl)-bridged 1,1'-Binaphthalene, an Atropisomeric Dienophile for Highly Diastereoselective Diels-Alder Reactions. <i>Angewandte Chemie International Edition in English</i> , <b>1989</b> , 28, 766-767		8
29	1,2-bis(ARYLSULFONYL)ALKENES. A REVIEW. <i>Organic Preparations and Procedures International</i> , <b>1991</b> , 23, 571-592	1.1	8
28	Discrimination of Octahedral versus Trigonal Bipyramidal Coordination Geometries of Homogeneous Ti(IV), V(V), and Mo(VI) Amino Triphenolate Complexes through Nitroxyl Radical Units. <i>European Journal of Inorganic Chemistry</i> , <b>2016</b> , 2016, 4968-4973	2.3	8
27	Hetero-Coencapsulation within a Supramolecular Cage: Moving away from the Statistical Distribution of Different Guests. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 9454-9458	4.8	7
26	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> , <b>1985</b> , 418		6
25	Synthesis, Characterization and Catalytic Activity of a Tungsten(VI) Amino Triphenolate Complex. <i>Catalysis Letters</i> , <b>2017</b> , 147, 2313-2318	2.8	5
24	Ethylenbis(sulfonyl)-Bridgtes 1,1'-Binaphthalin, ein atropisomeres Dienophil ff hochdiastereoselektive Diels-Alder-Reaktionen. <i>Angewandte Chemie</i> , <b>1989</b> , 101, 767-768	3.6	5
23	Three-Dimensional Porous Architectures Based on Mn(II)/III Three-Blade Paddle Wheel Metallacryptates. <i>Crystal Growth and Design</i> , <b>2019</b> , 19, 1954-1964	3.5	4
22	Extending substrate sensing capabilities of zinc tris(2-pyridylmethyl)amine-based stereodynamic probe. <i>Chirality</i> , <b>2019</b> , 31, 375-383	2.1	4
21	Regio- and stereocontrol in the intramolecular nitrile oxide cycloaddition to 2-furylthiol- and 2-furyl-methanethiol derivatives.. <i>Tetrahedron</i> , <b>1991</b> , 47, 3869-3886	2.4	4
20	Mass spectrometric investigation of substituted 1,3-emthiolane S-oxides. <i>Organic Mass Spectrometry</i> , <b>1988</b> , 23, 841-845		4



19	Computational Analysis of Enantioselective Pd-Catalyzed $\alpha$ -Arylation of Ketones. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 11511-11518	4.2	4
18	Tris-pyridylmethylamine (TPMA) complexes functionalized with persistent nitronyl nitroxide organic radicals. <i>Dalton Transactions</i> , <b>2020</b> , 49, 10011-10016	4.3	3
17	Revisiting the Hammett $\rho$ -Parameter for the Determination of Philicity: Nucleophilic Substitution with Inverse Charge Interaction. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 2983-2986	3.6	3
16	Tripodal gold(i) polypyridyl complexes and their Cu and Zn heterometallic derivatives. Effects on luminescence. <i>Dalton Transactions</i> , <b>2020</b> , 49, 14613-14625	4.3	3
15	Dissection of the Polar and Non-Polar Contributions to Aromatic Stacking Interactions in Solution. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 23871-23877	16.4	3
14	Sustainable Catalytic Oxidations with Peroxides <b>2012</b> , 77-102		2
13	Titanium-Promoted Enantioselective Oxidation of Thioethers and Synthetic Applications. <i>Studies in Surface Science and Catalysis</i> , <b>1991</b> , 385-394	1.8	2
12	Enantioselective S-Oxidation: Synthetic Applications. <i>Catalysis By Metal Complexes</i> , <b>1991</b> , 91-105		2
11	Chiral recognition a stereodynamic vanadium probe using the electronic circular dichroism effect in differential Raman scattering. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 23336-23340	3.6	2
10	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> , <b>1993</b> , 74, 399-400		1
9	Helicity control of a perfluorinated carbon chain within a chiral supramolecular cage monitored by VCD.. <i>Chemical Communications</i> , <b>2022</b> ,	5.8	1
8	Organic Polyradicals as Redox Mediators: Effect of Intramolecular Radical Interactions on Their Efficiency. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 45968-45975	9.5	1
7	Electrocatalytic hydrogen evolution using hybrid electrodes based on single-walled carbon nanohorns and cobalt(II) polypyridine complexes. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 20032-20039 <sup>13</sup>		1
6	Straight from the bottle! Wine and juice dicarboxylic acids as templates for supramolecular cage self-assembly. <i>Chemical Communications</i> , <b>2021</b> , 57, 10019-10022	5.8	1
5	Cu(I)Bis(phosphine) Dioxides as Catalysts for the Enantioselective $\alpha$ -Arylation of Carbonyl Compounds. <i>Synlett</i> , <b>2021</b> , 32, 1473-1478	2.2	0
4	Mixed Multimetallic tris(2-pyridylmethyl)amine Based Complexes: Synthesis and Chiroptical Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 2942-2946	2.3	0
3	Dissection of the Polar and Non-Polar Contributions to Aromatic Stacking Interactions in Solution. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 24064	3.6	0
2	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. <i>Chimia</i> , <b>2015</b> , 69, 316-20	1.3	

- 1 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 2.3