

Leucio Rossi

List of Publications by Year in descending order

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218677

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Electrochemically Promoted C-N Bond Formation from Amines and CO ₂ in Ionic Liquid BMIm ⁺ BF ₄ ⁻ : Synthesis of Carbamates. <i>Journal of Organic Chemistry</i> , 2007, 72, 200-203.	3.2	119
2	Electrochemically Promoted C-N Bond Formation from Acetylenic Amines and CO ₂ . Synthesis of 5-Methylene-1,3-oxazolidin-2-ones. <i>Journal of Organic Chemistry</i> , 2005, 70, 7795-7798.	3.2	95
3	Separation of carbon dioxide for biogas upgrading to biomethane. <i>Journal of Cleaner Production</i> , 2017, 164, 1205-1218.	9.3	84
4	Electrogenerated Superoxide-Activated Carbon Dioxide. A New Mild and Safe Approach to Organic Carbamates. <i>Journal of Organic Chemistry</i> , 1997, 62, 6754-6759.	3.2	73
5	Product Selectivity Control in the Heteroannulation of α -(alkynyl)benzamides. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 136-142.	4.3	71
6	C-1 Reactivity of 2,3-Epoxy Alcohols via Oxirane Opening with Metal Halides: Applications and Synthesis of Naturally Occurring 2,3-Octanediol, Muricatacin, 3-Octanol, and 4-Dodecanolide. <i>Journal of Organic Chemistry</i> , 1995, 60, 4803-4812.	3.2	63
7	A Convenient Method for the Synthesis of Carbamate Esters from Amines and Tetraethylammonium Hydrogen Carbonate. <i>Journal of Organic Chemistry</i> , 1998, 63, 1337-1338.	3.2	55
8	Electrochemical activation of carbon dioxide: Synthesis of organic carbonates. <i>Tetrahedron Letters</i> , 1997, 38, 3565-3568.	1.4	51
9	Geographical discrimination of red garlic (<i>Allium sativum</i> L.) produced in Italy by means of multivariate statistical analysis of ICP-OES data. <i>Food Chemistry</i> , 2019, 275, 333-338.	8.2	47
10	The system as mild and safe carboxylating reagent synthesis of organic carbonates. <i>Tetrahedron</i> , 1997, 53, 167-176.	1.9	44
11	The Reaction of 1,2-Amino Alcohols with Carbon Dioxide in the Presence of 2-Pyrrolidone Electrogenerated Base. New Synthesis of Chiral Oxazolidin-2-ones. <i>Journal of Organic Chemistry</i> , 2000, 65, 4759-4761.	3.2	41
12	Activation of Elemental Sulfur by Electrogenerated Cyanomethyl Anion: Synthesis of Substituted α -Aminothiophenes by the Gewald Reaction. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2740-2746.	4.3	41
13	Chiral Sulfoxides in Asymmetric Synthesis: Enantioselective Synthesis of the Lactonic Moiety of (+)-Compactin and (+)-Mevinolin. Application to a Compactin Analog. <i>Journal of Organic Chemistry</i> , 1995, 60, 7774-7777.	3.2	40
14	The reaction of amines with an electrogenerated base. Improved synthesis of arylcarbamic esters. <i>Tetrahedron Letters</i> , 2000, 41, 963-966.	1.4	40
15	Electrochemical activation of carbon dioxide: synthesis of carbamates. <i>Chemical Communications</i> , 1996, , 2575.	4.1	36
16	A Safe and Mild Synthesis of Organic Carbonates from Alkyl Halides and Tetrabutylammonium Alkyl Carbonates. <i>Journal of Organic Chemistry</i> , 2002, 67, 8287-8289.	3.2	35
17	An electrochemical alternative strategy to the synthesis of β -lactams via NC ₄ bond formation. <i>Electrochimica Acta</i> , 2005, 50, 2029-2036.	5.2	34
18	An Easy Procedure for the Highly Regioselective Conversion of Epoxides to Halohydrins. <i>Synthetic Communications</i> , 1992, 22, 1863-1870.	2.1	33

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19	Enzyme-catalyzed desymmetrization of meso-skipped polyols to useful chiral building blocks. <i>Tetrahedron: Asymmetry</i> , 1993, 4, 793-805.	1.8	32
20	The double role of ionic liquids in organic electrosynthesis: Precursors of N-heterocyclic carbenes and green solvents. Henry reaction. <i>Electrochemistry Communications</i> , 2009, 11, 1523-1526.	4.7	32
21	An electrochemical alternative strategy to the synthesis of β -lactams. <i>Electrochimica Acta</i> , 2008, 53, 7852-7858.	5.2	30
22	The Electrogenerated Cyanomethyl Anion in Organic Synthesis. <i>Mini-Reviews in Organic Chemistry</i> , 2005, 2, 79-90.	1.3	29
23	Electrochemical-Mediated Cyclization of α -alkynylanilines: A Clean and Safe Synthesis of Indole Derivatives. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 783-787.	2.4	28
24	Enantio and stereoselective synthesis of (5R,6S)-6-acetoxy-hexadecanolide, a mosquito oviposition attractant pheromone. <i>Tetrahedron</i> , 1995, 51, 4111-4116.	1.9	27
25	Optimization using chemometrics of HS-SPME/GC-MS profiling of saffron aroma and identification of geographical volatile markers. <i>European Food Research and Technology</i> , 2018, 244, 1605-1613.	3.3	27
26	HS-SPME/GC-MS volatile fraction determination and chemometrics for the discrimination of typical Italian Pecorino cheeses. <i>Microchemical Journal</i> , 2021, 165, 106133.	4.5	27
27	New synthesis of oxazolidin-2-ones. <i>Tetrahedron Letters</i> , 1999, 40, 6059-6060.	1.4	26
28	Electrogenerated Base-Promoted Synthesis of Organic Carbonates from Alcohols and Carbon Dioxide. <i>European Journal of Organic Chemistry</i> , 2000, 2000, 2445-2448.	2.4	26
29	Selective Catalytic Hydrogenation of Vegetable Oils on Lindlar Catalyst. <i>ACS Omega</i> , 2020, 5, 22901-22913.	3.5	25
30	The Double Role of Ionic Liquids in Electroorganic Synthesis: Green Solvents and Precursors of N-Heterocyclic Carbenes. <i>Current Organic Synthesis</i> , 2012, 9, 40-52.	1.3	22
31	Organosulfur volatile profiles in Italian red garlic (<i>Allium Sativum</i> L.) varieties investigated by HS-SPME/GC-MS and chemometrics. <i>Food Control</i> , 2022, 131, 108477.	5.5	22
32	Ring opening of 2,3-epoxy 1-tosylates to halohydrins and subsequent elaboration to asymmetrical alcohols. <i>Tetrahedron Letters</i> , 1994, 35, 797-800.	1.4	21
33	Tetraethylammonium hydrogen carbonate in organic synthesis: Synthesis of oxazolidine-2,4-diones. <i>Tetrahedron</i> , 1999, 55, 193-200.	1.9	21
34	An electrochemical alternative strategy to the synthesis of β -lactams. <i>Electrochimica Acta</i> , 2006, 51, 5540-5547.	5.2	21
35	Experimental evaluation of Mg- and Ca-based synthetic sorbents for CO ₂ capture. <i>Chemical Engineering Research and Design</i> , 2014, 92, 727-740.	5.6	19
36	Electrogenerated Base-Induced N-Acylation of Chiral Oxazolidin-2-ones. <i>Journal of Organic Chemistry</i> , 2001, 66, 6185-6188.	3.2	18

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37	Mild Regioselective Catalytic Hydrogenation of $\hat{1}\pm, \hat{1}^2$ -Unsaturated Carbonyl Compounds with Lindlar Catalyst. <i>Synthetic Communications</i> , 1996, 26, 1321-1327.	2.1	17
38	Electrochemical generation of chiral oxazolidin-2-ones anions: a new procedure for the highly diastereoselective conjugate addition to nitroalkenes. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 2331-2335.	1.8	17
39	A new unusual C-1 substitution of 2,3 epoxy alcohols with I ₂ : regio and stereoselective obtaining of 1-iodo 2,3 diols and 2,3-diols. <i>Tetrahedron Letters</i> , 1992, 33, 7429-7432.	1.4	16
40	Electrochemical Methodologies for the Carboxylation Reactions in Organic Synthesis. An Alternative Re-use of Carbon Dioxide. <i>Current Green Chemistry</i> , 2015, 2, 77-89.	1.1	16
41	Green Diesel Production by Catalytic Hydrodeoxygenation of Vegetables Oils. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 13041.	2.6	16
42	Boron mediated one-pot aldol-reduction sequence: Enantio and diastereoselective synthesis of typical polyketide fragments. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 173-176.	1.8	15
43	Detection of Plant-Derived Adulterants in Saffron (<i>Crocus sativus</i> L.) by HS-SPME/GC-MS Profiling of Volatiles and Chemometrics. <i>Food Analytical Methods</i> , 2021, 14, 784-796.	2.6	14
44	Iterative diastereoselective reduction of hydroxy diketoesters to all 1,3,5 syn triols: synthesis of C1-C10 fragment of Nystatin A1. <i>Tetrahedron</i> , 1992, 48, 9801-9808.	1.9	13
45	Electrochemically induced Favorskii rearrangement. $\hat{1}\pm, \hat{1}^2$ -Unsaturated amides and esters in the electrochemical reduction of polyhaloketones. <i>New Journal of Chemistry</i> , 1998, 22, 57-61.	2.8	13
46	Electrochemical generation of tetraethylammonium N-acetoacetyloxazolidin-2-one enolates: an easy access to $\hat{1}\pm$ -alkylated acetoacetic derivatives. <i>Tetrahedron Letters</i> , 2002, 43, 2881-2884.	1.4	13
47	Sequential Alkylation/Heterocyclization of $\hat{1}^2$ -(2-Aminophenyl)- $\hat{1}\pm, \hat{1}^2$ -ynones Promoted by Electrogenated Carbanions: A New Approach to $\hat{1}$ -Functionalized 4-Alkylquinolines. <i>Synlett</i> , 2007, 2007, 1031-1036.	1.8	13
48	An Electrochemical Alternative Approach to the Cyclization of Alkynes Bearing Proximate Malonyl Moieties. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 2430-2437.	2.4	13
49	Synthesis of 3-Substituted 2,1-Benzisoxazoles by the Oxidative Cyclization of 2-Aminoacylbenzenes with Oxone. <i>Synthesis</i> , 2016, 48, 3017-3030.	2.3	13
50	Electrochemically Induced N-Alkylation of Pyrroles. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 955-958.	2.4	12
51	Geographical discrimination and authentication of lentils (<i>Lens culinaris</i> Medik.) by ICP-OES elemental analysis and chemometrics. <i>Food Control</i> , 2020, 118, 107438.	5.5	12
52	Reaction of the Electrogenated Cyanomethyl Anion with Carbonyl Compounds: A Clean and Safe Synthesis of $\hat{1}^2$ -Hydroxynitriles. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3863-3866.	2.4	11
53	BMIm HCO ₃ : an ionic liquid with carboxylating properties. Synthesis of carbamate esters from amines. <i>New Journal of Chemistry</i> , 2016, 40, 9895-9898.	2.8	11
54	Electrogenated Cyanomethyl Anion in Organic Synthesis. Synthesis of 1,3-Oxazolidine-2,4-Diones. <i>Letters in Organic Chemistry</i> , 2005, 2, 731-733.	0.5	11

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55	A Simple and Convenient Method for Preparation of Sulfides. <i>Synthetic Communications</i> , 1999, 29, 2611-2615.	2.1	9
56	Electrochemically Induced Aza-Henry Reaction: A New, Mild, and Clean Synthesis of $\hat{\pm}$ -Nitroamines. <i>Synlett</i> , 2007, 2007, 2505-2508.	1.8	8
57	Characterization of high value Italian chickpeas (<i>Cicer arietinum</i> L.) by means of ICP-OES multi-elemental analysis coupled with chemometrics. <i>Food Control</i> , 2022, 131, 108451.	5.5	7
58	A SAFE SYNTHESIS OF SYMMETRICAL CARBONATES FROM ALKYL HALIDES AND TETRAETHYLAMMONIUM CARBONATE. <i>Synthetic Communications</i> , 2002, 32, 1205-1210.	2.1	6
59	Multi-Elemental Composition Data Handled by Chemometrics for the Discrimination of High-Value Italian Pecorino Cheeses. <i>Molecules</i> , 2021, 26, 6875.	3.8	6
60	Mixtures of choline chloride and tetrabutylammonium bromide with imidazole as examples of deep eutectic solvents: their structure by theoretical and experimental investigation. <i>Journal of Molecular Liquids</i> , 2022, 352, 118427.	4.9	6
61	CO ₂ Sorption by Hydrotalcite-Like Compounds in Dry and Wet Conditions. <i>International Journal of Chemical Reactor Engineering</i> , 2015, 13, 335-349.	1.1	5
62	Electrochemically Induced N-Acryloylation of Chiral Oxazolidin-2-ones. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 2765-2769.	2.4	4
63	Hydrotalcite-supported palladium nanoparticles as catalysts for the hydroarylation of carbon-carbon multiple bonds. <i>New Journal of Chemistry</i> , 2018, 42, 1952-1957.	2.8	4
64	An efficient electrochemical method for N-acryloylation of oxazolidin-2-one chiral auxiliaries with $\hat{\pm}$, $\hat{\pm}$ -di- and trichloro ketones. <i>Journal of Electroanalytical Chemistry</i> , 2001, 507, 89-95.	3.8	3
65	Electrochemical Synthesis of Selenocarbonates. <i>Letters in Organic Chemistry</i> , 2006, 3, 854-856.	0.5	3
66	Electrochemical Activation of Carbon Dioxide. <i>Synthesis of Organic Carbonates and Carbamates.</i> , 1998, , 193-196.		2
67	The Reaction of Acetylenic Amines with Tetraethylammonium Carbonate and Hydrogen Carbonate: Synthesis of 5-Methylene-1,3-oxazolidin-2-ones.. <i>ChemInform</i> , 2005, 36, no.	0.0	1
68	The Reaction of Acetylenic Amines with Tetraethylammonium Carbonate and Hydrogen Carbonate; Synthesis of 5-Methylene-1,3-oxazolidin-2-ones. <i>Synlett</i> , 2005, 2005, 67-70.	1.8	1
69	A New Approach to the Synthesis of Highly Substituted 3-Pyrrolin-2-ones. <i>Synthesis</i> , 2006, 2006, 2019-2030.	2.3	1
70	CO ₂ Sorption-Enhanced Processes by Hydrotalcite-Like Compounds at Different Temperature Levels. <i>International Journal of Chemical Reactor Engineering</i> , 2015, 13, 143-152.	1.1	1
71	A Safe and Mild Synthesis of Organic Carbonates from Alkyl Halides and Tetrabutylammonium Alkyl Carbonates.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
72	The Electrogenerated Cyanomethyl Anion in Organic Synthesis. <i>ChemInform</i> , 2005, 36, no.	0.0	0

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73	Electrochemical Methods for the Synthesis and the N-Acryloylation of Oxazolidin-2-ones Chiral Auxiliaries. ChemInform, 2006, 37, no.	0.0	0
74	Electrochemically Promoted C–N Bond Formation from Acetylenic Amines and CO ₂ . Synthesis of 5-Methylene-1,3-oxazolidin-2-ones.. ChemInform, 2006, 37, no.	0.0	0
75	Benzoin Condensation in Ionic Liquids via Electrochemical Generation of Carbene. ECS Transactions, 2010, 25, 13-18.	0.5	0
76	A Safe Synthesis of Symmetrical Carbonates from Alkyl Halides and Tetraethylammonium Carbonate.. ChemInform, 2002, 33, 93-93.	0.0	0
77	H ₂ from SERP: CO ₂ Sorption by Double-Layered Hydroxide at Low and High Temperatures. , 2015, , 145-153.		0
78	Electrochemically Induced N-Alkylation of Pyrroles. European Journal of Organic Chemistry, 1999, 1999, 955-958.	2.4	0
79	Electrochemically Induced N-Acryloylation of Chiral Oxazolidin-2-ones. European Journal of Organic Chemistry, 2001, 2001, 2765-2769.	2.4	0