

# Leonardo Mattiello

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

472  
citations

687220

13  
h-index

752573

20  
g-index

43  
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43  
docs citations

43  
times ranked

653  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solvatochromic behaviour of new donor-acceptor oligothiophenes. <i>New Journal of Chemistry</i> , 2021, 45, 11636-11643.	1.4	1
2	Xanthine Scaffold: Available Synthesis Routes to Deliver Diversity by Derivatization. <i>Mini-Reviews in Organic Chemistry</i> , 2021, 18, 27-42.	0.6	9
3	<i>In Situ</i> Anodically Oxidized BMIm-BF <sub>4</sub> : A Safe and Recyclable BF <sub>3</sub> Source. <i>Journal of Organic Chemistry</i> , 2021, 86, 16151-16157.	1.7	10
4	Electrochemistry: A Useful Tool in the Synthesis of Oligothiophenes. <i>Current Organic Chemistry</i> , 2021, 25, 2028-2036.	0.9	4
5	Organic electrochemistry: Synthesis and functionalization of $\beta$ -lactams in the twenty-first century. <i>Heterocyclic Communications</i> , 2021, 27, 32-44.	0.6	6
6	High resolution study of the n <sup>+</sup> -p <sup>+</sup> -n-alkylazobenzenes phase transitions by photopyroelectric and adiabatic scanning calorimetries. <i>Thermochimica Acta</i> , 2021, 706, 179077.	1.2	2
7	Fluorescence Spectroscopy of Enantiomeric Amide Compounds Enforced by Chiral Light. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11375.	1.3	4
8	Naphthalimide Imidazolium-Based Supramolecular Hydrogels as Bioimaging and Theranostic Soft Materials. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 48442-48457.	4.0	24
9	A series of new conjugated oligothiophenes for organic electronics. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	2
10	High performance liquid chromatography coupled with mass spectrometry for/and nanomaterials: An overview. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	1
11	A comparative study of organic photodetectors based on P3HT and PTB7 polymers for visible light communication. <i>Organic Electronics</i> , 2020, 81, 105666.	1.4	20
12	Novel Fast Identification and Determination of Free Polyphenols in Untreated Craft Beers by HPLC-PDA-ESI-MS/MS in SIR Mode. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 7984-7994.	2.4	11
13	An Insight into the Reactivity of the Electrogenenerated Radical Cation of Caffeine. <i>Electrochem</i> , 2020, 1, 44-55.	1.7	4
14	Asymmetric hole array: tuning the optical circular dichroism for chiral molecules sensing. , 2020, , .		1
15	Electrochemical Oxidation of Theophylline in Organic Solvents: HPLC-ESI-MS/MS Analysis of the Oxidation Products. <i>ChemElectroChem</i> , 2019, 6, 4511-4521.	1.7	14
16	Electrochemical Studies of New Donor-Acceptor Oligothiophenes. <i>ChemElectroChem</i> , 2019, 6, 4016-4021.	1.7	5
17	The Electrogenenerated Cyanomethyl Anion: An Old Base Still Smart. <i>Accounts of Chemical Research</i> , 2019, 52, 3297-3308.	7.6	20
18	Electrochemical synthesis and amidation of benzoin: benzamides from benzaldehydes. <i>Pure and Applied Chemistry</i> , 2019, 91, 1709-1715.	0.9	1

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19	Perovskite photo-detectors (PVSK-PDs) for visible light communication. <i>Organic Electronics</i> , 2019, 69, 220-226.	1.4	25
20	Cathodic Reduction of Caffeine: Synthesis of an Amino-Functionalized Imidazole from a Biobased Reagent. <i>Synlett</i> , 2019, 30, 1215-1218.	1.0	11
21	Cathodic Behaviour of Dicationic Imidazolium Bromides: The Role of the Spacer. <i>ChemElectroChem</i> , 2019, 6, 4275-4283.	1.7	19
22	Synthesis and characterization of new Dâ€“â€“A and Aâ€“â€“Dâ€“â€“A type oligothiophene derivatives. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 3018-3025.	1.5	16
23	Two Different Selective Ways in the Deprotonation of Î²â€“Bromopropionanilides: Î²â€“Lactams or Acrylanilides Formation.. <i>ChemistrySelect</i> , 2019, 4, 12871-12874.	0.7	6
24	Graphene Oxide: A Smart (Starting) Material for Natural Methylxanthines Adsorption and Detection. <i>Molecules</i> , 2019, 24, 4247.	1.7	21
25	NHC in Imidazolium Acetate Ionic Liquids: Actual or Potential Presence?. <i>Frontiers in Chemistry</i> , 2018, 6, 355.	1.8	34
26	Electrochemical behaviour of 9-methylcaffeinium iodide and in situ electrochemical synthesis of hymeniacidin. <i>Electrochimica Acta</i> , 2018, 280, 71-76.	2.6	10
27	On the Role of PTB7â€“Th:[70]PCBM Blend Concentration in <i>ortho</i>â€“Xylene on Polymer Solarâ€“Cell Performance. <i>Energy Technology</i> , 2017, 5, 2168-2174.	1.8	10
28	Electronic excitations in solution-processed oligothiophene small-molecules for organic solar cells. <i>Journal of Chemical Physics</i> , 2016, 144, 084310.	1.2	9
29	Infrared emitting Erbium-doped quinolines for Silicon Organic Hybrid technology. , 2016, , ,		1
30	Opportunities for Low Cost Processing of Erbium 8-Quinolinolates for Active Integrated Photonic Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 3360-3363.	0.9	3
31	Effects of polyphenol compounds on influenza A virus replication and definition of their mechanism of action. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 5046-5052.	1.4	43
32	Electrodeposition of polyfluorene on a carbon nanotube electrode. <i>Nanotechnology</i> , 2007, 18, 115702.	1.3	10
33	Comparative studies of the reduction of 2-naphthaldehyde, 9,9â€“spirobi-(9H-fluorene)-2-carboxaldehyde and 2-fluorencarboxaldehyde in nonaqueous solvents. <i>Journal of Electroanalytical Chemistry</i> , 2005, 582, 151-155.	1.9	4
34	Electrode Surface Modification by a Spirobifluorene Derivative. An XPS and Electrochemical Investigation. <i>Journal of Physical Chemistry B</i> , 2005, 109, 18427-18432.	1.2	6
35	Anodic behaviour of mono- and bisdithiafulvenyl-9,9â€“spirobifluorene: insertion of vinylogous TTF into the spirobifluorenyl framework. <i>Journal of Electroanalytical Chemistry</i> , 2002, 530, 33-39.	1.9	19
36	DIRECT FORMYLATION OF 9,9â€“SPIROBIFLUORENE: 2-CARBOXALDEHYDE-9,9â€“SPIROBIFLUORENE AND 2,2â€“DICARBOXALDEHYDE-9,9â€“SPIROBIFLUORENE. <i>Synthetic Communications</i> , 2001, 31, 2645-2648.	1.1	17

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37	Electrochemistry of a spirolactone. <i>Journal of Electroanalytical Chemistry</i> , 2001, 507, 118-123.	1.9	2
38	Anodic oxidation of 9,9-difluoro-spirobifluorene in CH <sub>2</sub> Cl <sub>2</sub> +0.2 M Bu <sub>4</sub> NBF <sub>4</sub> . Electrochemical behaviour of the derived oxidation product. <i>Synthetic Metals</i> , 1998, 97, 211-215.	2.1	35
39	Electrochemistry of Diphenylcyclopropanone in Aprotic Solvents: Electrochemical Synthesis of Oligomers and Electrochemically Driven Decarbonylation Reaction. , 1998, , 209-210.		0
40	Electrochemistry of 9,9-difluoro-spirobifluorene derivatives: electrosynthesis of stereoisomeric 2,3-bis(2-acetyl-9,9-difluoro-spirobifluoren-2-yl)butane-2,3-diols and of 1-(2-acetyl-9,9-difluoro-spirobifluoren-2-yl)ethanol and redox properties of polyacetylated spirobifluorenes. <i>Electrochimica Acta</i> , 1997, 42, 2257-2264.		10
41	Electrochemistry of 9,9-difluoro-spirobifluorene derivatives: 2-acetyl- and 2,2-diacetyl-9,9-difluoro-spirobifluorene. Preparation of stereoisomeric 2,3-bis(9,9-difluoro-spirobifluoren-2-yl)butane-2,3-diols. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1993, , 2243-2247.	0.9	18
42	Electrochemistry of some ethyl $\alpha$ -bromo(dihalophenyl) acetates and electrochemical synthesis of diastereoisomeric diethyl 2,3-bis (dihalogenophenyl) succinates. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1990, , 1041-1044.	0.9	4