

Lucia Tonucci

List of Publications by Year in descending order

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33
papers

983
citations

471509

17
h-index

434195

31
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34
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34
docs citations

34
times ranked

1522
citing authors

#	ARTICLE	IF	CITATIONS
1	One-pot synthesis of lignin-stabilised platinum and palladium nanoparticles and their catalytic behaviour in oxidation and reduction reactions. <i>Green Chemistry</i> , 2012, 14, 1073.	9.0	197
2	Sonochemistry in non-conventional, green solvents or solvent-free reactions. <i>Tetrahedron</i> , 2017, 73, 609-653.	1.9	97
3	Palladium nanoparticles, stabilized by lignin, as catalyst for cross-coupling reactions in water. <i>Inorganica Chimica Acta</i> , 2013, 399, 12-18.	2.4	63
4	Improved Combined Chemical and Biological Treatments of Olive Oil Mill Wastewaters. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 1228-1233.	5.2	62
5	Deoxydehydration of glycerol to allyl alcohol catalyzed by rhenium derivatives. <i>Catalysis Science and Technology</i> , 2014, 4, 3697-3704.	4.1	55
6	Oxidation of dibenzothiophene by hydrogen peroxide or monopersulfate and metal π -sulfophthalocyanine catalysts: an easy access to biphenylsultone or 2-(2-hydroxybiphenyl)sulfonate under mild conditions. <i>New Journal of Chemistry</i> , 2003, 27, 989-993.	2.8	39
7	Lignin coating to quench photocatalytic activity of titanium dioxide nanoparticles for potential skin care applications. <i>RSC Advances</i> , 2015, 5, 57453-57461.	3.6	38
8	Direct synthesis of adipic acid by mono-persulfate oxidation of cyclohexane, cyclohexanone or cyclohexanol catalyzed by water-soluble transition-metal complexes. <i>New Journal of Chemistry</i> , 2001, 25, 1319-1324.	2.8	36
9	Catalytic aerobic oxidation of allylic alcohols to carbonyl compounds under mild conditions. <i>Green Chemistry</i> , 2009, 11, 816.	9.0	34
10	Mild Photocatalysed and Catalysed Green Oxidation of Lignin: A Useful Pathway to Low-Molecular-Weight Derivatives. <i>Waste and Biomass Valorization</i> , 2012, 3, 165-174.	3.4	34
11	Rapid and Selective Oxidation of Metallosulfophthalocyanines Prior to Their Usefulness as Precatalysts in Oxidation Reactions. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 1807-1814.	2.0	27
12	Poly(ethylene glycol)s as grinding additives in the mechanochemical preparation of highly functionalized 3,5-disubstituted hydantoins. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 19-25.	2.2	26
13	Thermal stability and photostability of water solutions of sulfophthalocyanines of Ru(II), Cu(II), Ni(II), Fe(III) and Co(II). <i>Journal of Organometallic Chemistry</i> , 2005, 690, 2133-2141.	1.8	24
14	Oxidation of C1-C4 alcohols by iron- and ruthenium-sulfophthalocyanine precatalysts with hydrogen peroxide or mono-persulfate in water. <i>Journal of Molecular Catalysis A</i> , 2001, 175, 83-90.	4.8	23
15	Deoxydehydration of glycerol in presence of rhenium compounds: reactivity and mechanistic aspects. <i>Catalysis Science and Technology</i> , 2019, 9, 3036-3046.	4.1	23
16	Ruthenium sulfophthalocyanine catalyst for the oxidation of chlorinated olefins with hydrogen peroxide. <i>Journal of Organometallic Chemistry</i> , 2000, 593-594, 416-420.	1.8	21
17	An interdisciplinary approach to a knowledge-based restoration: The dark alteration on Matera Cathedral (Italy). <i>Applied Surface Science</i> , 2018, 458, 529-539.	6.1	18
18	From Molecules to Silicon-Based Biohybrid Materials by Ball Milling. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 511-518.	6.7	15

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19	Evaluation of heavy metals background in the Adriatic Sea sediments of Abruzzo region, Italy. <i>Science of the Total Environment</i> , 2019, 684, 445-457.	8.0	15
20	Water-soluble Transition-Metal-Phthalocyanines as Singlet Oxygen Photosensitizers in Ene Reactions. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 503-509.	2.0	14
21	Hydration of Propargylic Alcohols by Ruthenium Catalysts, with Dominant Anti-Markovnikov Regioselectivity, Formation of α,β -Unsaturated Products and Catalytic Decarbonylation to 1-Alkenes. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 810-817.	2.0	13
22	Hydrogenation of allyl alcohols catalyzed by aqueous palladium and platinum nanoparticles. <i>RSC Advances</i> , 2015, 5, 68493-68499.	3.6	13
23	Photosensitized degradation of cyclohexanol by Fe(III) species in alkaline aqueous media. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 179, 193-199.	3.9	12
24	Water-soluble platinum phthalocyanines as potential antitumor agents. <i>BioMetals</i> , 2014, 27, 575-589.	4.1	12
25	Hydrothermal synthesis and characterization of kalsilite by using a kaolinitic rock from Sardinia, Italy, and its application in the production of biodiesel. <i>Mineralogical Magazine</i> , 2018, 82, 961-973.	1.4	12
26	Platinum tetrasulfophthalocyanine as selective catalyst for the aerobic oxidation of shikimic acid. <i>Inorganic Chemistry Communication</i> , 2007, 10, 1304-1306.	3.9	11
27	Acrylamide mitigation in processed potato derivatives by addition of natural phenols from olive chain by-products. <i>Journal of Food Composition and Analysis</i> , 2021, 95, 103682.	3.9	11
28	An Italian Innovative Small-Scale Approach to Promote the Conscious Consumption of Healthy Food. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5678.	2.5	10
29	Stereoselective Double Reduction of 3-Methyl-2-cyclohexenone, by Use of Palladium and Platinum Nanoparticles, in Tandem with Alcohol Dehydrogenase. <i>Nanomaterials</i> , 2018, 8, 853.	4.1	8
30	Fate of nickel and cobalt sulfophthalocyanines under oxidizing conditions: a spectroscopic investigation. <i>Journal of Porphyrins and Phthalocyanines</i> , 2003, 07, 484-492.	0.8	7
31	New green route to obtain (bio)-propene through 1,2-propanediol deoxydehydration. <i>Sustainable Chemistry and Pharmacy</i> , 2020, 17, 100273.	3.3	7
32	Visible photostability of some ruthenium and platinum phthalocyanines in water and in the presence of organic substrates. <i>Journal of Porphyrins and Phthalocyanines</i> , 2010, 14, 499-508.	0.8	5
33	Photosensitisation and Photocatalysis for Synthetic Purposes. , 2011, , 469-525.		1