

# Lucia Fagiolari

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7392075/publications.pdf>

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15  
papers

1,194  
citations

623574

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996849

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all docs

16  
docs citations

16  
times ranked

1315  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in eco-friendly and cost-effective materials towards sustainable dye-sensitized solar cells. <i>Green Chemistry</i> , 2020, 22, 7168-7218.	4.6	272
2	Carbon-based materials for stable, cheaper and large-scale processable perovskite solar cells. <i>Energy and Environmental Science</i> , 2019, 12, 3437-3472.	15.6	223
3	Integrated energy conversion and storage devices: Interfacing solar cells, batteries and supercapacitors. <i>Energy Storage Materials</i> , 2022, 51, 400-434.	9.5	133
4	An Overview on Anodes for Magnesium Batteries: Challenges towards a Promising Storage Solution for Renewables. <i>Nanomaterials</i> , 2021, 11, 810.	1.9	97
5	Lignin-Based Polymer Electrolyte Membranes for Sustainable Aqueous Dye-Sensitized Solar Cells. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8550-8560.	3.2	87
6	Photoanodes for Aqueous Solar Cells: Exploring Additives and Formulations Starting from a Commercial TiO <sub>2</sub> Paste. <i>ChemSusChem</i> , 2020, 13, 6562-6573.	3.6	71
7	Poly(3,4-ethylenedioxythiophene) in Dye-Sensitized Solar Cells: Toward Solid-State and Platinum-Free Photovoltaics. <i>Advanced Sustainable Systems</i> , 2021, 5, 2100025.	2.7	64
8	Platinum-free photoelectrochromic devices working with copper-based electrolytes for ultrastable smart windows. <i>Journal of Materials Chemistry A</i> , 2021, 9, 19687-19691.	5.2	53
9	Lignin as Polymer Electrolyte Precursor for Stable and Sustainable Potassium Batteries. <i>ChemSusChem</i> , 2022, 15, .	3.6	50
10	Micro-Mesoporous Carbons from Cyclodextrin Nanosponges Enabling High-Capacity Silicon Anodes and Sulfur Cathodes for Lithiated Si Batteries. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	48
11	Ir- and Ru-doped layered double hydroxides as affordable heterogeneous catalysts for electrochemical water oxidation. <i>Dalton Transactions</i> , 2020, 49, 2468-2476.	1.6	29
12	Iridium-Doped Nanosized Zn-Al Layered Double Hydroxides as Efficient Water Oxidation Catalysts. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 32736-32745.	4.0	24
13	A Ternary Zn-Al-Ir Hydroxide-Like Compound Exhibiting High Efficiency and Recyclability as a Water Oxidation Catalyst. <i>ChemPlusChem</i> , 2016, 81, 1060-1063.	1.3	18
14	Photocatalytic water oxidation mediated by iridium complexes. <i>Catalysis Today</i> , 2017, 290, 10-18.	2.2	18
15	Optimizing noble metals exploitation in water oxidation catalysis by their incorporation in layered double hydroxides. <i>Inorganica Chimica Acta</i> , 2021, 516, 120161.	1.2	7