

# Diego Onna

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19  
papers

115  
citations

8  
h-index

9  
g-index

23  
ext. papers

150  
ext. citations

4.6  
avg, IF

2.97  
L-index

#	Paper	IF	Citations
19	Glowing-in-the-Screen: Teaching Fluorescence with a Homemade Accessible Setup. <i>Journal of Chemical Education</i> , <b>2021</b> , 98, 2625-2631	2.4	3
18	Chemical methods to produce mesoporous thin films with tunable properties <b>2021</b> , 195-229		2
17	A Gentle Introduction to Machine Learning for Chemists: An Undergraduate Workshop Using Python Notebooks for Visualization, Data Processing, Analysis, and Modeling. <i>Journal of Chemical Education</i> , <b>2021</b> , 98, 2892-2898	2.4	8
16	Copper upcycling by hierarchical porous silica spheres functionalized with branched polyethylenimine: Antimicrobial and catalytic applications. <i>Microporous and Mesoporous Materials</i> , <b>2021</b> , 327, 111391	5.3	3
15	Chain-like uranyl-coordination polymer as a bright green light emitter for sensing and sunlight driven photocatalysis. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 11102-11109	7.1	6
14	Metalloporphyrins into mesoporous photonic crystals: towards molecularly-tuned photonic sensing devices. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 309, 127712	8.5	4
13	Tuning the morphological structure, light absorption, and photocatalytic activity of Bi <sub>2</sub> WO <sub>6</sub> and Bi <sub>2</sub> WO <sub>6</sub> -BiOCl through cerium doping. <i>Arabian Journal of Chemistry</i> , <b>2020</b> , 13, 2844-2857	5.9	18
12	Label-free nanostructured sensor for the simple determination of glycosylated hemoglobin (HbA1c). <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 297, 126722	8.5	2
11	Heterogeneous photo-Fenton process mediated by Sn-substituted goethites with altered OH-surface density. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2019</b> , 381, 111856	4.7	7
10	1D lanthanide coordination polymers based on lanthanides and 4?-hydroxi-4-biphenylcarboxylic acid: Synthesis, structures and luminescence properties. <i>Journal of Solid State Chemistry</i> , <b>2019</b> , 274, 322-328	3.3	8
9	Diameter distribution by deconvolution (DdD): absorption spectra as a practical tool for semiconductor nanoparticle PSD determination. <i>Nanoscale Advances</i> , <b>2019</b> , 1, 3499-3505	5.1	4
8	Data of synthesis, characterization and luminescence measurements in 1D lanthanide coordination polymers based on lanthanides. <i>Data in Brief</i> , <b>2019</b> , 27, 104709	1.2	
7	Influence of TiO <sub>2</sub> and ZrO <sub>2</sub> nanoparticles deposition on a stainless steel furnace used for trace element determination by TS-FF-AAS. <i>Analytical Methods</i> , <b>2019</b> , 11, 1551-1557	3.2	1
6	Exploring the Gel State: Optical Determination of Gelation Times and Transport Properties of Gels with an Inexpensive 3D-Printed Spectrophotometer. <i>Journal of Chemical Education</i> , <b>2019</b> , 96, 116-123	2.4	11
5	Wettability, Photoactivity, and Antimicrobial Activity of Glazed Ceramic Tiles Coated with Titania Films Containing Tungsten. <i>ACS Omega</i> , <b>2018</b> , 3, 17629-17636	3.9	11
4	Hierarchical bioglass scaffolds: introducing the "milky way" for templated bioceramics. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 2971-2977	7.3	8
3	Influence of the spray pyrolysis seeding and growth parameters on the structure and optical properties of ZnO nanorod arrays. <i>Materials Chemistry and Physics</i> , <b>2015</b> , 151, 378-384	4.4	10

- 2 The role of seeding in the morphology and wettability of ZnO nanorods films on different substrates. *Applied Surface Science*, **2013**, 279, 197-203 6.7 9
- 1 Loading insoluble sulfides in mesoporous oxide films from precursors in solution. *Journal of Sol-Gel Science and Technology*,1 2.3