

# Radu-George Ciocarlan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9016975/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Hydrogen Clathrates: Next Generation Hydrogen Storage Materials. Energy Storage Materials, 2021, 41, 69-107.	18.0	89
2	Plasmonic Near-Field Localization of Silver Core-Shell Nanoparticle Assemblies via Wet Chemistry Nanogap Engineering. ACS Applied Materials & Interfaces, 2017, 9, 41577-41585.	8.0	34
3	Electron Transfer and Near-Field Mechanisms in Plasmonic Gold-Nanoparticle-Modified TiO <sub>2</sub> Photocatalytic Systems. ACS Applied Nano Materials, 2019, 2, 4067-4074.	5.0	34
4	Copper-Containing Mixed Metal Oxides (Al, Fe, Mn) for Application in Three-Way Catalysis. Catalysts, 2020, 10, 1344.	3.5	16
5	Spinel nanoparticles on stick-like Freudenbergite nanocomposites as effective smart-removal photocatalysts for the degradation of organic pollutants under visible light. Journal of Alloys and Compounds, 2020, 820, 153403.	5.5	14
6	In-depth structural characterization and magnetic properties of quaternary ferrite systems Co <sub>0.5</sub> Zn <sub>0.25</sub> Mn <sub>0.25</sub> Fe <sub>2</sub> O <sub>4</sub> (M = Ni, Cu, Mn, Mg). Journal of Alloys and Compounds, 2020, 816, 152674.	5.5	9
7	ZnAl layered double hydroxide based catalysts (with Cu, Mn, Ti) used as noble metal-free three-way catalysts. Applied Clay Science, 2022, 217, 106390.	5.2	5
8	Use of Nanoscale Carbon Layers on Ag-Based Gas Diffusion Electrodes to Promote CO Production. ACS Applied Nano Materials, 2022, 5, 7723-7732.	5.0	3
9	Towards Highly Loaded and Finely Dispersed CuO Catalysts via ADP: Effect of the Alumina Support. Catalysts, 2022, 12, 628.	3.5	1