

# Hernán Dario Rojas-Mantilla

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6967519/publications.pdf>

Version: 2024-02-01

8  
papers

153  
citations

1937457

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1588896

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8  
docs citations

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times ranked

195  
citing authors

#	ARTICLE	IF	CITATIONS
1	Broad spectrum photocatalytic system based on BiVO <sub>4</sub> and NaYbF <sub>4</sub> :Tm <sup>3+</sup> upconversion particles for environmental remediation under UV-vis-NIR illumination. <i>Applied Catalysis B: Environmental</i> , 2019, 243, 121-135.	10.8	76
2	Fenton-like degradation of sulfathiazole using copper-modified MgFe-CO <sub>3</sub> layered double hydroxide. <i>Journal of Hazardous Materials</i> , 2021, 413, 125388.	6.5	38
3	Nontronite mineral clay NAu-2 as support for hematite applied as catalyst for heterogeneous photo-Fenton processes. <i>Chemosphere</i> , 2021, 277, 130258.	4.2	16
4	Parameters affecting LED photoreactor efficiency in a heterogeneous photo-Fenton process using iron mining residue as catalyst. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 1277-1286.	0.9	11
5	Assessment of the improved performance of magnetite-modified vermiculite in the reduction of BTEX and metals, as well as toxicity in petroleum-produced water. <i>Journal of Water Process Engineering</i> , 2021, 39, 101749.	2.6	4
6	Influence of irradiation sources on the efficiency of copper-modified magnetite for photo-Fenton degradation of sulfathiazole. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 2723-2732.	1.8	3
7	A UV-visible-NIR active smart photocatalytic system based on NaYbF <sub>4</sub> :Tm <sup>3+</sup> upconverting particles and Ag <sub>3</sub> PO <sub>4</sub> /H <sub>2</sub> O <sub>2</sub> for photocatalytic processes under light on/light off conditions. <i>Materials Advances</i> , 2022, 3, 2706-2715.	2.6	3
8	Modification of a Brazilian natural clay and catalytic activity in heterogeneous photo-Fenton process. <i>Chemosphere</i> , 2022, 291, 132966.	4.2	2