

# Elias Paiva Ferreira-Neto

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

428  
citations

1307594

7  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

588  
citing authors

#	ARTICLE	IF	CITATIONS
1	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 for photocatalytic processes under light on/light off conditions. <i>Materials Advances</i> , 2022, 3, 2706-2715.	5.4	3
2	Modification and derivatization of cellulose-based nanobiosorbents and their utilization in environmental remediation. , 2022, , 359-394.		0
3	Thermally stable SiO <sub>2</sub> @TiO <sub>2</sub> core@shell nanoparticles for application in photocatalytic self-cleaning ceramic tiles. <i>Materials Advances</i> , 2021, 2, 2085-2096.	5.4	27
4	Bacterial Nanocellulose/MoS <sub>2</sub> Hybrid Aerogels as Bifunctional Adsorbent/Photocatalyst Membranes for <i>in-Flow</i> Water Decontamination. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 41627-41643.	8.0	92
5	Towards thermally stable aerogel photocatalysts: TiCl <sub>4</sub> -based sol-gel routes for the design of nanostructured silica-titania aerogel with high photocatalytic activity and outstanding thermal stability. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103425.	6.7	31
6	Solvent-controlled deposition of titania on silica spheres for the preparation of SiO <sub>2</sub> @TiO <sub>2</sub> core@shell nanoparticles with enhanced photocatalytic activity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 570, 293-305.	4.7	54
7	The stability of titania-silica interface. <i>International Journal of Quantum Chemistry</i> , 2018, 118, e25495.	2.0	10
8	Microwave-assisted synthesis of NaYF <sub>4</sub> :Yb <sup>3+</sup> /Tm <sup>3+</sup> upconversion particles with tailored morphology and phase for the design of UV/NIR-active NaYF <sub>4</sub> :Yb <sup>3+</sup> /Tm <sup>3+</sup> @TiO <sub>2</sub> core@shell photocatalysts. <i>CrystEngComm</i> , 2017, 19, 3465-3475.	2.6	35
9	Enhanced photocatalytic properties of core@shell SiO <sub>2</sub> @TiO <sub>2</sub> nanoparticles. <i>Applied Catalysis B: Environmental</i> , 2015, 179, 333-343.	20.2	167
10	Prussian blue as a co-catalyst for enhanced Cr(vi) photocatalytic reduction promoted by titania-based nanoparticles and aerogels. <i>New Journal of Chemistry</i> , 0, , .	2.8	9