

# Francesca S Freyria

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

571  
citations

623734

14  
h-index

713466

21  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1038  
citing authors

#	ARTICLE	IF	CITATIONS
1	Brookite, a sometimes under evaluated TiO <sub>2</sub> polymorph. RSC Advances, 2022, 12, 3322-3334.	3.6	19
2	Suitability of Nanoparticles to Face Benzo(a)pyrene-Induced Genetic and Chromosomal Damage in M. galloprovincialis. An In Vitro Approach. Nanomaterials, 2021, 11, 1309.	4.1	4
3	Visible Light-Driven Photocatalytic Activity and Kinetics of Fe-Doped TiO <sub>2</sub> Prepared by a Three-Block Copolymer Templating Approach. Materials, 2021, 14, 3105.	2.9	17
4	Common wastewater contaminants versus emerging ones. , 2020, , 19-46.		4
5	Effects of the Brookite Phase on the Properties of Different Nanostructured TiO <sub>2</sub> Phases Photocatalytically Active Towards the Degradation of N-Phenylurea. ChemistryOpen, 2020, 9, 903-912.	1.9	11
6	Photocatalysts for Organics Degradation. Catalysts, 2019, 9, 870.	3.5	0
7	Simulated Moon Agglutinates Obtained from Zeolite Precursor by Means of a Low-Cost and Scalable Synthesis Method. ACS Earth and Space Chemistry, 2019, 3, 1884-1895.	2.7	9
8	Effect of RE <sup>3+</sup> on Structural Evolution of Rare-Earth Carbonates Synthesized by Facile Hydrothermal Treatment. Advances in Materials Science and Engineering, 2019, 2019, 1-10.	1.8	5
9	Micron-Scale Patterning of High Quantum Yield Quantum Dot LEDs. Advanced Materials Technologies, 2019, 4, 1800727.	5.8	33
10	Application of Reverse Micelle Sol-Gel Synthesis for Bulk Doping and Heteroatoms Surface Enrichment in Mo-Doped TiO <sub>2</sub> Nanoparticles. Materials, 2019, 12, 937.	2.9	21
11	A Ligand System for the Flexible Functionalization of Quantum Dots via Click Chemistry. Angewandte Chemie - International Edition, 2018, 57, 4652-4656.	13.8	28
12	A Ligand System for the Flexible Functionalization of Quantum Dots via Click Chemistry. Angewandte Chemie, 2018, 130, 4742-4746.	2.0	7
13	Photochemical Control of Exciton Superradiance in Light-Harvesting Nanotubes. ACS Nano, 2018, 12, 4556-4564.	14.6	34
14	Near-Infrared Quantum Dot Emission Enhanced by Stabilized Self-Assembled J-Aggregate Antennas. Nano Letters, 2017, 17, 7665-7674.	9.1	42
15	Photocatalytic Processes for the Abatement of N-Containing Pollutants from Waste Water. Part 1: Inorganic Pollutants. Journal of Nanoscience and Nanotechnology, 2017, 17, 3632-3653.	0.9	23
16	Pure and Fe-Doped Mesoporous Titania Catalyse the Oxidation of Acid Orange 7 by H <sub>2</sub> O <sub>2</sub> under Different Illumination Conditions: Fe Doping Improves Photocatalytic Activity under Simulated Solar Light. Catalysts, 2017, 7, 213.	3.5	24
17	Catalytic and Photocatalytic Processes for the Abatement of N-Containing Pollutants from Wastewater. Part 2: Organic Pollutants. Journal of Nanoscience and Nanotechnology, 2017, 17, 3654-3672.	0.9	23
18	Room-Temperature Micron-Scale Exciton Migration in a Stabilized Emissive Molecular Aggregate. Nano Letters, 2016, 16, 6808-6815.	9.1	94

#	ARTICLE	IF	CITATIONS
19	Slow-Injection Growth of Seeded CdSe/CdS Nanorods with Unity Fluorescence Quantum Yield and Complete Shell to Core Energy Transfer. ACS Nano, 2016, 10, 3295-3301.	14.6	92
20	Catalytic degradation of Acid Orange 7 by H <sub>2</sub> O <sub>2</sub> as promoted by either bare or V-loaded titania under UV light, in dark conditions, and after incubating the catalysts in ascorbic acid. Journal of Lithic Studies, 2015, 1, 183-191.	0.5	8
21	Al/Fe isomorphic substitution versus Fe <sub>2</sub> O <sub>3</sub> clusters formation in Fe-doped aluminosilicate nanotubes (imogolite). Journal of Nanoparticle Research, 2015, 17, 1.	1.9	31
22	Fe- and V-doped mesoporous titania prepared by direct synthesis: Characterization and role in the oxidation of AO7 by H <sub>2</sub> O <sub>2</sub> in the dark. Catalysis Today, 2014, 227, 71-79.	4.4	27
23	Photodarkening of Infrared Irradiated Yb <sup>3+</sup> -Doped Alumino-Silicate Glasses: Effect on UV Absorption Bands and Fluorescence Spectra. Fibers, 2013, 1, 101-109.	4.0	6
24	Mesoporous Titania: Synthesis, Properties and Comparison with Non-Porous Titania. , 0, , .		8