

# 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	Room-Temperature Micron-Scale Exciton Migration in a Stabilized Emissive Molecular Aggregate. <i>Nano Letters</i> , 2016, 16, 6808-6815.	9.1	94
2	Slow-Injection Growth of Seeded CdSe/CdS Nanorods with Unity Fluorescence Quantum Yield and Complete Shell to Core Energy Transfer. <i>ACS Nano</i> , 2016, 10, 3295-3301.	14.6	92
3	Near-Infrared Quantum Dot Emission Enhanced by Stabilized Self-Assembled J-Aggregate Antennas. <i>Nano Letters</i> , 2017, 17, 7665-7674.	9.1	42
4	Photochemical Control of Exciton Superradiance in Light-Harvesting Nanotubes. <i>ACS Nano</i> , 2018, 12, 4556-4564.	14.6	34
5	Micron-Scale Patterning of High Quantum Yield Quantum Dot LEDs. <i>Advanced Materials Technologies</i> , 2019, 4, 1800727.	5.8	33
6	Al/Fe isomorphous substitution versus Fe <sub>2</sub> O <sub>3</sub> clusters formation in Fe-doped aluminosilicate nanotubes (imogolite). <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	31
7	A Ligand System for the Flexible Functionalization of Quantum Dots via Click Chemistry. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4652-4656.	13.8	28
8	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. <i>Catalysis Today</i> , 2014, 227, 71-79.	4.4	27
9	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. <i>Catalysts</i> , 2017, 7, 213.	3.5	24
10	Photocatalytic Processes for the Abatement of N-Containing Pollutants from Waste Water. Part 1: Inorganic Pollutants. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 3632-3653.	0.9	23
11	Catalytic and Photocatalytic Processes for the Abatement of N-Containing Pollutants from Wastewater. Part 2: Organic Pollutants. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 3654-3672.	0.9	23
12	Application of Reverse Micelle Sol-Gel Synthesis for Bulk Doping and Heteroatoms Surface Enrichment in Mo-Doped TiO <sub>2</sub> Nanoparticles. <i>Materials</i> , 2019, 12, 937.	2.9	21
13	Brookite, a sometimes under evaluated TiO <sub>2</sub> polymorph. <i>RSC Advances</i> , 2022, 12, 3322-3334.	3.6	19
14	Visible Light-Driven Photocatalytic Activity and Kinetics of Fe-Doped TiO <sub>2</sub> Prepared by a Three-Block Copolymer Templating Approach. <i>Materials</i> , 2021, 14, 3105.	2.9	17
15	Effects of the Brookite Phase on the Properties of Different Nanostructured TiO <sub>2</sub> Phases Photocatalytically Active Towards the Degradation of N-Phenylurea. <i>ChemistryOpen</i> , 2020, 9, 903-912.	1.9	11
16	Simulated Moon Agglutinates Obtained from Zeolite Precursor by Means of a Low-Cost and Scalable Synthesis Method. <i>ACS Earth and Space Chemistry</i> , 2019, 3, 1884-1895.	2.7	9
17	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. <i>Journal of Lithic Studies</i> , 2015, 1, 183-191.	0.5	8
18	Mesoporous Titania: Synthesis, Properties and Comparison with Non-Porous Titania. , 0, , .		8

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19	A Ligand System for the Flexible Functionalization of Quantum Dots via Click Chemistry. <i>Angewandte Chemie</i> , 2018, 130, 4742-4746.	2.0	7
20	Photodarkening of Infrared Irradiated Yb <sup>3+</sup> -Doped Alumino-Silicate Glasses: Effect on UV Absorption Bands and Fluorescence Spectra. <i>Fibers</i> , 2013, 1, 101-109.	4.0	6
21	Effect of RE <sup>3+</sup> on Structural Evolution of Rare-Earth Carbonates Synthesized by Facile Hydrothermal Treatment. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-10.	1.8	5
22	Common wastewater contaminants versus emerging ones. , 2020, , 19-46.		4
23	Suitability of Nanoparticles to Face Benzo(a)pyrene-Induced Genetic and Chromosomal Damage in <i>M. galloprovincialis</i> . An In Vitro Approach. <i>Nanomaterials</i> , 2021, 11, 1309.	4.1	4
24	Photocatalysts for Organics Degradation. <i>Catalysts</i> , 2019, 9, 870.	3.5	0