Diego Mateo

List of Publications by Year in Descending Order

24 papers	1,027 citations	18 h-index	28 g-index
28 ext. papers	1,336 ext. citations	13.2 avg, IF	5.23 L-index

#	Paper	IF	Citations
24	An Efficient Metal-Organic Framework-Derived Nickel Catalyst for the Light Driven Methanation of CO. *Angewandte Chemie - International Edition*, **2021**, 60, 26476-26482	16.4	14
23	Tunable Selectivity in CO Photo-Thermal Reduction by Perovskite-Supported Pd Nanoparticles. *ChemSusChem*, **2021**,	8.3	4
22	Efficient Visible-Light Driven Photothermal Conversion of CO2 to Methane by Nickel Nanoparticles Supported on Barium Titanate. *Advanced Functional Materials*, **2021**, 31, 2008244	15.6	22
21	Fundamentals and applications of photo-thermal catalysis. *Chemical Society Reviews*, **2021**, 50, 2173-2219	38.5	91
20	Graphene-Based Materials as Efficient Photocatalysts for Water Splitting. *Molecules*, **2019**, 24,	4.8	48
19	synthesis of mesoporous photoactive titanium(iv)-organic frameworks with MIL-100 topology. *Chemical Science*, **2019**, 10, 4313-4321	9.4	47
18	N-doped defective graphene decorated by strontium titanate as efficient photocatalyst for overall water splitting. *Applied Catalysis B: Environmental*, **2019**, 252, 111-119	21.8	30
17	Titanium-Perovskite-Supported RuO2 Nanoparticles for Photocatalytic CO2 Methanation. *Joule*, **2019**, 3, 1949-1962	27.8	52
16	A Heterogeneous Carbon Nitride–Nickel Photocatalyst for Efficient Low-Temperature CO2 Methanation. *Advanced Energy Materials*, **2019**, 9, 1902738	21.8	35
15	Long-Term Photostability in Terephthalate Metal-Organic Frameworks. *Angewandte Chemie - International Edition*, **2019**, 58, 17843-17848	16.4	22
14	The mechanism of photocatalytic CO reduction by graphene-supported CuO probed by sacrificial electron donors. *Photochemical and Photobiological Sciences*, **2018**, 17, 829-834	4.2	16
13	Graphene supported NiO/Ni nanoparticles as efficient photocatalyst for gas phase CO2 reduction with hydrogen. *Applied Catalysis B: Environmental*, **2018**, 224, 563-571	21.8	81
12	Synergism of Au and Ru Nanoparticles in Low-Temperature Photoassisted CO Methanation. *Chemistry - A European Journal*, **2018**, 24, 18436-18443	4.8	15
11	Gas-Phase Photochemical Overall H S Splitting by UV Light Irradiation. *ChemSusChem*, **2017**, 10, 1996-2003	8.3	6
10	Structure–activity relationship in Ti phosphate-derived photocatalysts for H 2 evolution. *Journal of Energy Chemistry*, **2017**, 26, 295-301	12	3
9	Photoassisted methanation using Cu2O nanoparticles supported on graphene as a photocatalyst. *Energy and Environmental Science*, **2017**, 10, 2392-2400	35.4	68
8	Oriented 2.0.0 Cu2O nanoplatelets supported on few-layers graphene as efficient visible light photocatalyst for overall water splitting. *Applied Catalysis B: Environmental*, **2017**, 201, 582-590	21.8	53

7	Interactions of manufactured silver nanoparticles of different sizes with normal human dermal fibroblasts. *International Wound Journal*, **2016**, 13, 101-9	2.6	34
6	111 oriented gold nanoplatelets on multilayer graphene as visible light photocatalyst for overall water splitting. *Nature Communications*, **2016**, 7, 11819	17.4	104
5	Effects of silver and gold nanoparticles of different sizes in human pulmonary fibroblasts. *Toxicology Mechanisms and Methods*, **2015**, 25, 287-95	3.6	22
4	Comparative cytotoxicity evaluation of different size gold nanoparticles in human dermal fibroblasts. *Journal of Experimental Nanoscience*, **2015**, 10, 1401-1417	1.9	26
3	Oxidative stress contributes to gold nanoparticle-induced cytotoxicity in human tumor cells. *Toxicology Mechanisms and Methods*, **2014**, 24, 161-72	3.6	67
2	Cytotoxicity and ROS production of manufactured silver nanoparticles of different sizes in hepatoma and leukemia cells. *Journal of Applied Toxicology*, **2014**, 34, 413-23	4.1	147
1	In vitro evaluation of silver nanoparticles on human tumoral and normal cells. *Toxicology Mechanisms and Methods*, **2013**, 23, 153-60	3.6	20