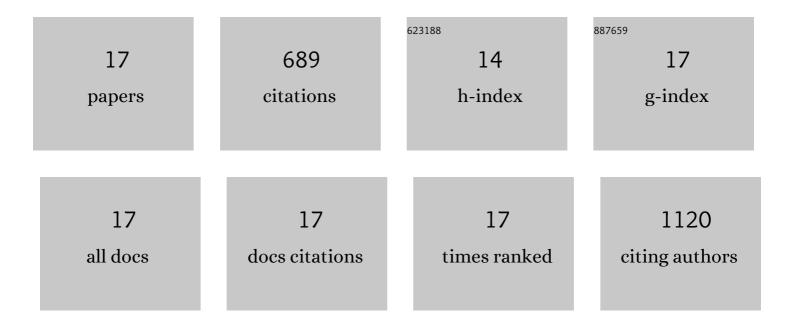
Cristina FernÃ;ndez-RodrÃ-guez

List of Publications by Year in descending order

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CRISTINA

#	Article	IF	CITATIONS
1	Photocatalytic degradation of phenolic compounds with new TiO2 catalysts. Applied Catalysis B: Environmental, 2010, 100, 346-354.	10.8	85
2	Microstructure and charge trapping assessment in highly reactive mixed phase TiO2 photocatalysts. Applied Catalysis B: Environmental, 2016, 192, 242-252.	10.8	82
3	Effect of TiO2–Pd and TiO2–Ag on the photocatalytic oxidation of diclofenac, isoproturon and phenol. Chemical Engineering Journal, 2016, 298, 82-95.	6.6	77
4	Degradation of diphenhydramine pharmaceutical in aqueous solutions by using two highly active TiO2 photocatalysts: Operating parameters and photocatalytic mechanism. Applied Catalysis B: Environmental, 2012, 113-114, 221-227.	10.8	64
5	Role of Cu in the Cu-TiO2 photocatalytic degradation of dihydroxybenzenes. Catalysis Today, 2005, 101, 261-266.	2.2	62
6	Photocatalytic removal of 2,4-dichlorophenoxyacetic acid by using sol–gel synthesized nanocrystalline and commercial TiO2: Operational parameters optimization and toxicity studies. Applied Catalysis B: Environmental, 2012, 125, 28-34.	10.8	55
7	Estimation of kinetic parameters and UV doses necessary to remove twenty-three pharmaceuticals from pre-treated urban wastewater by UV/H2O2. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 329, 130-138.	2.0	48
8	Enhancement of stability and photoactivity of TiO2 coatings on annular glass reactors to remove emerging pollutants from waters. Chemical Engineering Journal, 2015, 279, 488-497.	6.6	43
9	The effect of acetic acid on the photocatalytic degradation of catechol and resorcinol. Applied Catalysis A: General, 2006, 299, 274-284.	2.2	34
10	Solar photocatalytic removal of herbicides from real water by using sol–gel synthesized nanocrystalline TiO2: Operational parameters optimization and toxicity studies. Solar Energy, 2013, 87, 150-157.	2.9	26
11	Photocatalytic Activity of Nanostructured Anatase Coatings Obtained by Cold Gas Spray. Journal of Thermal Spray Technology, 2014, 23, 1135-1141.	1.6	25
12	Treatment of effluents from wool dyeing process by photo-Fenton at solar pilot plant. Journal of Environmental Chemical Engineering, 2014, 2, 163-171.	3.3	23
13	Synthesis of highly photoactive TiO2 and Pt/TiO2 nanocatalysts for substrate-specific photocatalytic applications. Applied Catalysis B: Environmental, 2012, 125, 383-389.	10.8	22
14	Comparative study of nanocrystalline titanium dioxide obtained through sol–gel and sol–gel–hydrothermal synthesis. Journal of Colloid and Interface Science, 2013, 400, 31-40.	5.0	21
15	Highly photoactive anatase nanoparticles obtained using trifluoroacetic acid as an electron scavenger and morphological control agent. Journal of Materials Chemistry A, 2013, 1, 14358.	5.2	13
16	TiO2 and F-TiO2 photocatalytic deactivation in gas phase. Chemical Physics Letters, 2017, 684, 164-170.	1.2	7
17	Efect of Ti F surface interaction on the photocatalytic degradation of phenol, aniline and formic acid. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 348, 139-149.	2.0	2