

Angeles Mantilla

List of Publications by Year in descending order

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25
papers

887
citations

471509

17
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

1117
citing authors

#	ARTICLE	IF	CITATIONS
1	Photodegradation of phenol and cresol in aqueous medium by using Zn/Al+Fe mixed oxides obtained from layered double hydroxides materials. <i>Catalysis Today</i> , 2010, 150, 353-357.	4.4	80
2	Photodegradation of 2,4-dichlorophenoxyacetic acid using ZnAlFe layered double hydroxides as photocatalysts. <i>Catalysis Today</i> , 2009, 148, 119-123.	4.4	78
3	Enhancing the H ₂ evolution from water/methanol solution using Mn ²⁺ /Mn ³⁺ /Mn ⁴⁺ redox species of Mn-doped TiO ₂ sol-gel photocatalysts. <i>Catalysis Today</i> , 2016, 266, 9-16.	4.4	65
4	Photodegradation of phenol using reconstructed Ce doped Zn/Al layered double hydroxides as photocatalysts. <i>Catalysis Today</i> , 2016, 271, 213-219.	4.4	56
5	Catalytic behavior of sulfated TiO ₂ in light olefins oligomerization. <i>Journal of Molecular Catalysis A</i> , 2005, 228, 333-338.	4.8	55
6	Improved Photocatalytic Degradation of Phenolic Compounds With ZnAl Mixed Oxides Obtained from LDH Materials. <i>Topics in Catalysis</i> , 2011, 54, 257-263.	2.8	51
7	H ₂ production by the water splitting reaction using photocatalysts derived from calcined ZnAl LDH. <i>Fuel</i> , 2019, 240, 262-269.	6.4	48
8	Characterization of Tb-doped hydroxyapatite for biomedical applications: optical properties and energy band gap determination. <i>Journal of Materials Science</i> , 2017, 52, 9990-10000.	3.7	47
9	Photoassisted Degradation of 4-Chlorophenol and <i>p</i> -Cresol Using MgAl Hydrotalcites. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 2762-2767.	3.7	46
10	Photocatalytic degradation of 2,4-dichlorophenol with MgAlTi mixed oxides catalysts obtained from layered double hydroxides. <i>Journal of Hazardous Materials</i> , 2013, 263, 67-72.	12.4	45
11	Oligomerization of isobutene on sulfated titania: Effect of reaction conditions on selectivity. <i>Catalysis Today</i> , 2005, 107-108, 707-712.	4.4	42
12	Hydroxylated sol-gel Al ₂ O ₃ as photocatalyst for the degradation of phenolic compounds in presence of UV light. <i>Catalysis Today</i> , 2014, 220-222, 49-55.	4.4	40
13	Room temperature olefins oligomerization over sulfated titania. <i>Chemical Communications</i> , 2004, , 1498-1499.	4.1	31
14	4-Chlorophenol Oxidation Photocatalyzed by a Calcined Mg-Al-Zn Layered Double Hydroxide in a Co-current Downflow Bubble Column. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 11544-11552.	3.7	30
15	One pot preparation of NiO/ZrO ₂ sulfated catalysts and its evaluation for the isobutene oligomerization. <i>Catalysis Today</i> , 2008, 133-135, 154-159.	4.4	27
16	Enhanced photoactivity for the phenol mineralization on ZnAlLa mixed oxides prepared from calcined LDHs. <i>Catalysis Today</i> , 2014, 220-222, 56-60.	4.4	27
17	One-step synthesis and photocatalytic behavior for H ₂ production from water of ZnS/MoS ₂ composite material. <i>Catalysis Today</i> , 2021, 360, 99-105.	4.4	26
18	Novelty g-C ₃ N ₄ /HAp composite as highly effective photocatalyst for Cr (VI) photoreduction. <i>Catalysis Today</i> , 2022, 388-389, 168-175.	4.4	16

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19	The role of redox states and junctions in photocatalytic hydrogen generation of MoS ₂ -TiO ₂ -rGO and CeO ₂ -Ce ₂ Ti ₃ O ₈ ·7-TiO ₂ -rGO composites. <i>Materials Science in Semiconductor Processing</i> , 2020, 118, 105185.	4.0	16
20	Structural modifications in Au/Al ₂ O ₃ ∕CeO ₂ mixed oxides as a function of Ce ⁴⁺ content and its effects in the mineralization of the herbicide diuron. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 243, 23-32.	3.9	15
21	Enhanced photocatalytic H ₂ production over g-C ₃ N ₄ /NiS hybrid photocatalyst. <i>Materials Letters</i> , 2021, 290, 129476.	2.6	13
22	IMPROVED SELECTIVITY TO C ₈ -OLEFINS FOR ISOBUTENE OLIGOMERIZATION ON NiO-W ₂ O ₃ /Al ₂ O ₃ CATALYSTS. <i>Chemical Engineering Communications</i> , 2009, 196, 1198-1205.	2.6	11
23	Hydrothermal synthesis of a two-dimensional g-C ₃ N ₄ /MoS ₂ /MnOOH composite material and its potential application as photocatalyst. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 3447-3456.	3.2	11
24	Application of thermal lens microscopy (TLM) for measurement of Cr(VI) traces in wastewater. <i>Journal of Environmental Management</i> , 2019, 232, 305-309.	7.8	7
25	Effect of the Method of Synthesis in the Photoactivity of TiO ₂ ∕Co and TiO ₂ ∕CoCe Materials. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 7272-7274.	0.9	4