

# P Amezaga-Madrid

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

441  
citations

623734

14  
h-index

713466

21  
g-index

27  
all docs

27  
docs citations

27  
times ranked

542  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thin films of photocatalytic TiO <sub>2</sub> and ZnO deposited inside a tubing by spray pyrolysis. <i>Thin Solid Films</i> , 2002, 419, 60-64.	1.8	68
2	On the Discoloration of Methylene Blue by Visible Light. <i>Journal of Fluorescence</i> , 2019, 29, 15-25.	2.5	31
3	Synthesis, microstructural characterization and optical properties of CuO nanorods and nanowires obtained by aerosol assisted CVD. <i>Journal of Alloys and Compounds</i> , 2015, 643, S46-S50.	5.5	30
4	Highly efficient removal of arsenic metal ions with high superficial area hollow magnetite nanoparticles synthesized by AACVD method. <i>Journal of Alloys and Compounds</i> , 2014, 586, S520-S525.	5.5	29
5	Simultaneous and fast removal of As <sup>3+</sup> , As <sup>5+</sup> , Cd <sup>2+</sup> , Cu <sup>2+</sup> , Pb <sup>2+</sup> and Fâˆ’ from water with composite Fe-Ti oxides nanoparticles. <i>Journal of Alloys and Compounds</i> , 2018, 757, 150-160.	5.5	26
6	Microstructural characterization, optical and photocatalytic properties of bilayered CuO and ZnO based thin films. <i>Journal of Alloys and Compounds</i> , 2014, 615, S375-S381.	5.5	23
7	Structural, morphological, optical and electrical properties of Sb-doped SnO <sub>2</sub> thin films obtained by aerosol assisted chemical vapor deposition. <i>Thin Solid Films</i> , 2017, 638, 22-27.	1.8	22
8	Synthesis, microstructural characterization and optical properties of undoped, V and Sc doped ZnO thin films. <i>Journal of Alloys and Compounds</i> , 2011, 509, S490-S495.	5.5	19
9	Synthesis, structural characterization and optical properties of multilayered Yttria-stabilized ZrO <sub>2</sub> thin films obtained by aerosol assisted chemical vapour deposition. <i>Thin Solid Films</i> , 2008, 516, 8282-8288.	1.8	17
10	Microstructural properties of multi-nano-layered YSZ thin films. <i>Journal of Alloys and Compounds</i> , 2010, 495, 629-633.	5.5	17
11	Synthesis, microstructural, optical and mechanical properties of yttria stabilized zirconia thin films. <i>Journal of Alloys and Compounds</i> , 2012, 536, S412-S417.	5.5	16
12	Theoretical and experimental analysis of the aerosol assisted CVD synthesis of magnetite hollow nanoparticles. <i>Journal of Alloys and Compounds</i> , 2014, 615, S328-S334.	5.5	16
13	Single and multi-layered core-shell structures based on ZnO nanorods obtained by aerosol assisted chemical vapor deposition. <i>Materials Characterization</i> , 2015, 105, 64-70.	4.4	16
14	Efficient and durable ZnO core-shell structures for photocatalytic applications in aqueous media. <i>Materials Science in Semiconductor Processing</i> , 2016, 45, 57-68.	4.0	16
15	Microstructural, chemical and textural characterization of ZnO nanorods synthesized by aerosol assisted chemical vapor deposition. <i>Materials Characterization</i> , 2014, 98, 215-221.	4.4	15
16	Delafossite CuFeO <sub>2</sub> thin films via aerosol assisted CVD: Synthesis and characterization. <i>Ceramics International</i> , 2019, 45, 1156-1162.	4.8	14
17	Theoretical and experimental influence of aerosol assisted CVD parameters on the microstructural properties of magnetite nanoparticles and their response on the removal efficiency of arsenic. <i>Journal of Alloys and Compounds</i> , 2015, 643, S287-S296.	5.5	11
18	High and fast adsorption efficiency of simultaneous As <sup>3+</sup> , As <sup>5+</sup> and Fâˆ’ by Al-doped magnetite synthesized via AACVD. <i>Journal of Alloys and Compounds</i> , 2017, 718, 414-424.	5.5	10

#	ARTICLE	IF	CITATIONS
19	Synthesis and characterization of composite Fe-Ti oxides nanoparticles with high surface area obtained via AACVD. <i>Ceramics International</i> , 2018, 44, 6990-6996.	4.8	10
20	Synthesis and microstructural characterization of cupric oxide and cobalt oxide nanostructures for their application as selective solar coatings. <i>Thin Solid Films</i> , 2020, 706, 138046.	1.8	10
21	Synthesis by aerosol assisted chemical vapor deposition and microstructural characterization of PbTiO <sub>3</sub> thin films. <i>Thin Solid Films</i> , 2013, 531, 179-184.	1.8	7
22	Microstructural and optical properties of high-quality Mg-Zn oxide thin films. <i>Materials Science in Semiconductor Processing</i> , 2021, 127, 105690.	4.0	5
23	Synthesis and structural characterization of undoped and Co doped zinc oxide thin films obtained by aerosol assisted chemical vapour deposition. <i>Journal of Alloys and Compounds</i> , 2009, 483, 410-413.	5.5	4
24	Synthesis and characterization in AuCu-Si nanostructures. <i>Materials Characterization</i> , 2015, 101, 83-89.	4.4	3
25	Theoretical and experimental study of the photocatalytic activity of ZnO coated tubular reactor. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2014, 179, 41-47.	3.5	2
26	Surface Morphology and Electrical Resistivity in Polycrystalline Au/Cu/Si(100) System. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-8.	2.7	2
27	Exploring the one-step synthesis of composite BiFeO <sub>3</sub> based coatings. <i>Ceramics International</i> , 2021, 47, 18969-18976.	4.8	2