Julio A Pedraza-Avella

List of Publications by Year
in descending order

20	342	933447 10	839539 18
papers	citations	h-index	g-index

20	20	20	559
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of electrodeposition parameters and surface pretreatment on the electrochemical hydrogen production using nickel-plated stainless steel electrodes. International Journal of Hydrogen Energy, 2021, 46, 7667-7675.	7.1	14
2	Photocatalytic hydrogen production using FeTiO3 concentrates modified by high energy ball milling and the presence of Mg precursors. Topics in Catalysis, 2021, 64, 2-16.	2.8	7
3	Kinetic Approach by Photocurrent Measurements to the Photoelectrocatalytic Oxidation of an Anionic Surfactant Using an S,N-TiO2/Ti Electrode: Distinguishing Between Direct and Indirect Mechanisms. Topics in Catalysis, 2021, 64, 26-35.	2.8	1
4	Photoelectrocatalytic phenol oxidation employing nitrogen doped TiO2-rGO films as photoanodes. Catalysis Today, 2020, 341, 96-103.	4.4	29
5	Photoelectrochemical Performance of S,N-Codoped TiO₂ Films Supported on Ti and their Enhanced Photoelectrocatalytic Activity in the Generation of Hydroxyl Radicals. Journal of the Electrochemical Society, 2020, 167, 166514.	2.9	2
6	Photo-oxidative and photo-reductive capabilities of ilmenite-rich black sand concentrates using methyl orange as a probe molecule. Photochemical and Photobiological Sciences, 2019, 18, 912-919.	2.9	9
7	Enhanced visible light photoelectrochemical performance of Î²-Bi2O3-TiO2/ITO thin films prepared by aqueous sol-gel. Journal of Solid State Electrochemistry, 2019, 23, 1757-1765.	2.5	4
8	Effect of substrate surface treatment on electrochemically assisted photocatalytic activity of N-S co-doped TiO₂ films. Journal of Physics: Conference Series, 2017, 786, 012045.	0.4	4
9	Photoelectrocatalytic hydrogen production from oilfield-produced wastewater in a filter-press reactor using TiO2-based photoanodes. Catalysis Today, 2016, 266, 17-26.	4.4	21
10	Screening of factors influencing the photocatalytic activity of TiO2:Ln (Ln=La, Ce, Pr, Nd, Sm, Eu and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.5	25
11	Hydrogen production by photoelectrolysis of aqueous solutions of phenol using mixed oxide semiconductor films of Biâ€“Nbâ€“Mâ€“O (M=Al, Fe, Ga, In) as photoanodes. Catalysis Today, 2015, 252, 150-156.	4.4	7
12	Mixed oxide semiconductors based on bismuth for photoelectrochemical applications. Journal of Solid State Electrochemistry, 2014, 18, 1963-1971.	2.5	12
13	Photocatalytic reduction of methyl orange on Au/TiO2 semiconductors. Catalysis Communications, 2012, 21, 72-76.	3.3	44
14	Photoelectrolytic hydrogen production using Bi2MNbO7 (M=Al, Ga) semiconductor film electrodes prepared by dip-coating. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2011, 176, 1359-1363.	3.5	7
15	Effect of Gold Particle Size and Deposition Method on the Photodegradation of 4-Chlorophenol by Au/TiO2. Topics in Catalysis, 2011, 54, 519-526.	2.8	42
16	Photoelectrochemical Hydrogen Production from Aqueous Solution Containing Cyanide Using Bi2MNbO7 (M = Al, Fe, Ga, In) Films on Stainless Steel as Photoanodes. Topics in Catalysis, 2011, 54, 244-249.	2.8	10
17	Photocatalytic degradation of methyl orange using Bi2MNbO7 (M=Al, Fe, Ga, In) semiconductor films on stainless steel. Catalysis Today, 2011, 166, 135-139.	4.4	23
18	Photophysical and photocatalytic properties of Bi2MNbO7 (M=Al, In, Ga, Fe) thin films prepared by dip-coating. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2010, 174, 196-199.	3.5	25

#	Article	IF	Citations
19	Effect of Chromium Doping on Visible Light Absorption of Nanosized Titania Sol-Gel. Journal of Nano Research, 2009, 5, 95-104.	0.8	24
20	Photocatalytic oxidation of cyanide on TiO2: An electrochemical approach. Catalysis Today, 2008, 133-135, 611-618.	4.4	32