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List of Publications by Year in descending order

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papers

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citations

840776

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32
all docs

32
docs citations

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times ranked

944
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlling the Phase Segregation in Mixed Halide Perovskites through Nanocrystal Size. ACS Energy Letters, 2019, 4, 54-62.	17.4	149
2	Semiconducting properties of ZnO/TiO ₂ composites by electrochemical measurements and their relationship with photocatalytic activity. Electrochimica Acta, 2014, 140, 541-549.	5.2	95
3	Galvanic interactions between galena and sphalerite and their reactivity. International Journal of Mineral Processing, 2007, 82, 148-155.	2.6	39
4	The Effect of the Cu ²⁺ →Cu ⁺ Step on Copper Electrocrystallization in Acid Noncomplexing Electrolytes. Journal of the Electrochemical Society, 2007, 154, D473.	2.9	36
5	Electrochemical study of orpiment (As ₂ S ₃) dissolution in a NaOH solution. Hydrometallurgy, 2011, 105, 296-303.	4.3	31
6	On the Reactivity of Sulfosalts in Cyanide Aqueous Media: Structural, Bonding and Electronic Aspects. ChemPhysChem, 2010, 11, 2879-2886.	2.1	21
7	Effect of Metal Substrate on Photo(electro)catalytic Activity of B-Doped Graphene Modified TiO ₂ Thin Films: Role of Iron Oxide Nanoparticles at Grain Boundaries of TiO ₂ . Journal of Physical Chemistry C, 2018, 122, 297-306.	3.1	18
8	The role of boron in the carrier transport improvement of CdSe-sensitized B,N,F-TiO ₂ nanotube solar cells: a synergistic strategy. New Journal of Chemistry, 2018, 42, 14481-14492.	2.8	15
9	Hidden energy levels? Carrier transport ability of CdS/CdS _x Se _x quantum dot solar cells impacted by Cd-Cd level formation. Nanoscale, 2019, 11, 762-774.	5.6	15
10	An integrated approach to evaluating the effect of associated minerals on copper ammoniacal thiosulfate leaching of a gold-bearing sulfide concentrate. Hydrometallurgy, 2019, 184, 9-21.	4.3	13
11	Mixed oxide semiconductors based on bismuth for photoelectrochemical applications. Journal of Solid State Electrochemistry, 2014, 18, 1963-1971.	2.5	12
12	Considerations on electrical impedance measurements of electrolyte solutions in a four-electrode cell. Journal of Physics: Conference Series, 2016, 687, 012101.	0.4	12
13	Photoanodes modified with reduced graphene oxide to enhance photoelectrocatalytic performance of B-TiO ₂ under visible light. Revista De La Academia Colombiana De Ciencias Exactas, Fisicas Y Naturales, 2015, 39, 77.	0.2	11
14	Understanding the Role of Copper Vacancies in Photoelectrochemical CO ₂ Reduction on Cuprous Oxide. Journal of Physical Chemistry Letters, 2022, 13, 3667-3673.	4.6	10
15	Enhanced photoelectrochemical performance of iron and carbon self-doped TiO ₂ photoanodes modified with nitrogen. Thin Solid Films, 2018, 653, 326-332.	1.8	8
16	Influence of the Cation Na/Ca/Ag Ratio on the Ion Exchange Rate in Zeolite A-Modified Carbon Paste Electrodes. Journal of Physical Chemistry C, 2008, 112, 17206-17213.	3.1	7
17	An Approach to the Reactivity of Isomorphous Proustite (Ag ₃ AsS ₃) and Pyrargyrite (Ag ₃ SbS ₃) in Cyanide Solutions. ECS Transactions, 2010, 28, 191-199.	0.5	6
18	Simultaneous leaching of Pt, Pd and Rh from automotive catalytic converters in chloride-containing solutions. Journal of Physics: Conference Series, 2017, 786, 012042.	0.4	6

#	ARTICLE	IF	CITATIONS
19	Fabrication of transparent TiO ₂ nanotube-based photoanodes for CdS/CdTe quantum co-sensitized solar cells. Journal of Physics: Conference Series, 2017, 786, 012044.	0.4	5
20	Platinum leaching from automotive catalytic converters with aqua regia. Journal of Physics: Conference Series, 2017, 786, 012043.	0.4	5
21	Effect of substrate surface treatment on electrochemically assisted photocatalytic activity of N-S co-doped TiO ₂ films. Journal of Physics: Conference Series, 2017, 786, 012045.	0.4	4
22	Limpieza de electrodos y reproducibilidad de medidas de impedancia eléctrica en celdas HeLa en solución acuosa. Revista De La Academia Colombiana De Ciencias Exactas, Físicas Y Naturales, 2020, 44, 257-268.	0.2	4
23	Electrochemical Determination of Minor Elements in Zinc Flotation Concentrates. ECS Transactions, 2010, 28, 259-265.	0.5	2
24	Electrochemical Aspects of Silver Sulfosalts Dissolution in Acid Thiourea Solution. ECS Transactions, 2011, 36, 491-500.	0.5	1
25	Electrosynthesis and characterization of Hg _{1-x} CdxSe films. Journal of Physics: Conference Series, 2015, 582, 012046.	0.4	1
26	Effect of substrate nature on the electrochemical deposition of calcium-deficient hydroxyapatites. Journal of Physics: Conference Series, 2017, 786, 012030.	0.4	1
27	Ligand field states and defect levels synergism: A close look at the band alignment of 4T1 Mn-CdS/Bi ₂ S ₃ -co-sensitized photoanodes. Thin Solid Films, 2020, 714, 138393.	1.8	1
28	Electrochemical Methodology Based on Carbon Paste Electroactive Electrodes for Determination of Cyanide-Leachable Silver-Bearing Minerals in Flotation Heads. ECS Transactions, 2008, 15, 545-553.	0.5	0
29	Evaluation of the capacity of copper(II) adsorption on surface functional groups of natural materials using carbon paste electrodes. Journal of Physics: Conference Series, 2018, 1119, 012020.	0.4	0
30	Composition control by bath temperature and use of supporting electrolyte in electrodeposited mercury cadmium selenide thin films. Journal of Physics: Conference Series, 2018, 1119, 012001.	0.4	0
31	Evaluation of a worn out WC-Co-TiAlN cutting tool used in industry. Journal of Physics: Conference Series, 2018, 1119, 012021.	0.4	0
32	Application of the voltammetry of microparticles for characterizing wear debris produced in the sliding wear regimes of steels. Journal of Physics: Conference Series, 2018, 1119, 012018.	0.4	0