

Francisco Vicente

List of Publications by Year in descending order

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29
papers

538
citations

706676

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759306

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29
all docs

29
docs citations

29
times ranked

425
citing authors

#	ARTICLE	IF	CITATIONS
1	Digital video electrochemistry (DVEC) applied to the study of Prussian Blue films. ChemElectroChem, 2022, 9, .	1.7	1
2	Digital video-electrochemistry (DVEC) to assess electrochromic materials in the frequency domain: RGB colorimetry impedance spectroscopy. Electrochimica Acta, 2021, 366, 137340.	2.6	3
3	Corrosion and Electrochemical Properties of EVA+Zn Electrodes from a Percolation Theory Perspective. ECS Meeting Abstracts, 2021, MA2021-02, 1907-1907.	0.0	0
4	An Interpretation of the CPE from the Percolation Theory in Graphite+Polyethylene Composite Electrodes. ECS Meeting Abstracts, 2021, MA2021-02, 1876-1876.	0.0	0
5	Kinetics of Surface Chemical Reactions from a Digital Video. Journal of Physical Chemistry C, 2020, 124, 2050-2059.	1.5	6
6	Electrochromic Performances of Poly(Azure A) Films from Digital Video-Electrochemistry (DVEC). Journal of the Electrochemical Society, 2020, 167, 106514.	1.3	3
7	Quantification of electrochromic kinetics by analysis of RGB digital video images. Electrochemistry Communications, 2018, 93, 86-90.	2.3	15
8	Evaluating the Practical Use of Digital Video to Study the Effect of Sheet Resistance of Transparent Indium-Tin Oxide Electrodes Using the Galvanostatic Deposition of Poly(o-toluidine). Journal of the Electrochemical Society, 2018, 165, G101-G107.	1.3	5
9	Spectro-Electro-Gravimetry of the Compaction Effect of Poly-(ortho-toluidine). ECS Meeting Abstracts, 2018, , .	0.0	0
10	Spectro-Electro-Gravimetry of Poly (o-toluidine). ECS Meeting Abstracts, 2018, , .	0.0	0
11	Study of Cleaning Products Effect on Corrosion By Means of RGB Video-Electrochemical Techniques. ECS Meeting Abstracts, 2018, , .	0.0	0
12	Ascorbic Acid as Antioxidant. ECS Meeting Abstracts, 2018, , .	0.0	0
13	Use of RGB digital video analysis to study electrochemical processes involving color changes. Electrochemistry Communications, 2017, 78, 38-42.	2.3	14
14	Ageing Effect on the Electrochemical Properties in Poly(Azure A) Films. Journal of the Electrochemical Society, 2017, 164, H593-H602.	1.3	4
15	Motional Resistance Evaluation of the Quartz Crystal Microbalance to Study the Formation of a Passive Layer in the Interfacial Region of a Copper Diluted Sulfuric Solution. Langmuir, 2015, 31, 9655-9664.	1.6	8
16	Oscillatory Changes of the Heterogeneous Reactive Layer Detected with the Motional Resistance during the Galvanostatic Deposition of Copper in Sulfuric Solution. Langmuir, 2015, 31, 12664-12673.	1.6	12
17	Identification of Processes Associated with Different Iron Sites in the Prussian Blue Structure by in Situ Electrochemical, Gravimetric, and Spectroscopic Techniques in the dc and ac Regimes. Journal of Physical Chemistry C, 2012, 116, 1935-1947.	1.5	23
18	Insights on the Mechanism of Insoluble-to-Soluble Prussian Blue Transformation. Journal of the Electrochemical Society, 2009, 156, P149.	1.3	19

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19	Innovative Combination of Three Alternating Current Relaxation Techniques: Electrical Charge, Mass, and Color Impedance Spectroscopy. Part I: The Tool. Journal of Physical Chemistry C, 2009, 113, 8430-8437.	1.5	24
20	Innovative Combination of Three Alternating Current Relaxation Techniques: Electrical Charge, Mass, and Color Impedance Spectroscopy. Part II: Prussian Blue \uparrow Everitt's Salt Process. Journal of Physical Chemistry C, 2009, 113, 8438-8446.	1.5	31
21	Electrochromic Switching Mechanism of Iron Hexacyanoferrates Molecular Compounds: The Role of $\text{Fe}^{2+}(\text{CN})_6$ Vacancies. Journal of Physical Chemistry C, 2009, 113, 9916-9920.	1.5	27
22	Synchrotron Structural Characterization of Electrochemically Synthesized Hexacyanoferrates Containing K^+ : A Revisited Analysis of Electrochemical Redox. Journal of Physical Chemistry C, 2008, 112, 13264-13271.	1.5	50
23	Changeover during in Situ Compositional Modulation of Hexacyanoferrate (Prussian Blue) Material. Journal of the American Chemical Society, 2006, 128, 17146-17152.	6.6	42
24	Calculation of the rate constants of nickel electrodisolution in acid medium from EIS. Journal of Solid State Electrochemistry, 2006, 10, 920-928.	1.2	18
25	Response to the α Comment on the paper α Kinetic calculations of Ni anodic dissolution from EIS α (J) Tj ETQq1 1 0.784314 rg BT Electrochemistry, 2006, 11, 444-447.	1.2	0
26	Kinetic calculations of the Ni anodic dissolution from EIS. Journal of Solid State Electrochemistry, 2005, 9, 83-90.	1.2	27
27	Cyclic voltammetric generation and electrochemical quartz crystal microbalance characterization of passive layer of nickel in a weakly acid medium. Journal of Solid State Electrochemistry, 2005, 9, 684-690.	1.2	28
28	Ac-Electrogravimetry Study of Electroactive Thin Films. II. Application to Polypyrrole. Journal of Physical Chemistry B, 2002, 106, 3192-3201.	1.2	75
29	Ac-Electrogravimetry Study of Electroactive Thin Films. I. Application to Prussian Blue. Journal of Physical Chemistry B, 2002, 106, 3182-3191.	1.2	103