Luis Camacho

List of Publications by Year
in descending order

162 papers	3,453 citations	236925 25 h-index	189892 50 g-index
164 all docs	164 docs citations	164 times ranked	4608 citing authors

#	Article	IF	Citations
1	Large guanidinium cation mixed with methylammonium in lead iodide perovskites for 19% efficient solar cells. Nature Energy, 2017, 2, 972-979.	39.5	445
2	High efficiency single-junction semitransparent perovskite solar cells. Energy and Environmental Science, 2014, 7, 2968-2973.	30.8	266
3	Metalâ€Oxideâ€Free Methylammonium Lead Iodide Perovskiteâ€Based Solar Cells: the Influence of Organic Charge Transport Layers. Advanced Energy Materials, 2014, 4, 1400345.	19.5	164
4	Benignâ€byâ€Design Solventless Mechanochemical Synthesis of Threeâ€, Twoâ€, and Oneâ€Dimensional Hybrid Perovskites. Angewandte Chemie - International Edition, 2016, 55, 14972-14977.	13.8	142
5	Organization of an Amphiphilic Azobenzene Derivative in Monolayers at the Airâˆ'Water Interface. Journal of Physical Chemistry B, 2002, 106, 2583-2591.	2.6	96
6	Partial Stacking of a Water-Soluble Porphyrin in Complex Monolayers with Insoluble Lipid. Langmuir, 1996, 12, 6554-6560.	3.5	75
7	Conditions of applicability of the superposition principle in potential multipulse techniques: implications in the study of microelectrodes. Journal of Electroanalytical Chemistry, 1995, 394, 1-6.	3.8	67
8	Mechanochemical synthesis of three double perovskites: Cs₂AgBiBr₆, (CH₃NH₃)₂TlBiBr₆ and Cs₂AgSbBr₆. Nanoscale, 2019, 11, 16650-16657.	5.6	65
9	The optical gas-sensing properties of an asymmetrically substituted porphyrin. Journal of Materials Chemistry, 2002, 12, 2659-2664.	6.7	63
10	Use of cyclic voltammetry for studying two-dimensional phase transitions: Behaviour at low scan rates. Journal of Electroanalytical Chemistry, 1994, 373, 31-37.	3.8	56
11	Influence of Molecular Organization of Asymmetrically Substituted Porphyrins on Their Response to NO2Gas. Langmuir, 2002, 18, 7594-7601.	3.5	50
12	Tailoring the ORR and HER electrocatalytic performances of gold nanoparticles through metalâ€"ligand interfaces. Journal of Materials Chemistry A, 2019, 7, 20425-20434.	10.3	45
13	Citrate-Stabilized Gold Nanoparticles as High-Performance Electrocatalysts: The Role of Size in the Electroreduction of Oxygen. Journal of Physical Chemistry C, 2019, 123, 9807-9812.	3.1	40
14	Revisiting the Brewster Angle Microscopy: The relevance of the polar headgroup. Advances in Colloid and Interface Science, 2012, 173, 12-22.	14.7	39
15	Reversible Trilayer Formation at the Airâˆ'Water Interface from a Mixed Monolayer Containing a Cationic Lipid and an Anionic Porphyrin. Journal of Physical Chemistry B, 2004, 108, 4457-4465.	2.6	33
16	Characterization and Structure of Molecular Aggregates of a Tetracationic Porphyrin in LB Films with a Lipid Anchor. Journal of Physical Chemistry B, 2000, 104, 9966-9972.	2.6	32
17	Organization of a Water-Soluble Porphyrin in Mixed Monolayers with Phospholipids Studied by Brewster Angle Microscopy. Langmuir, 1998, 14, 4175-4179.	3.5	31
18	Effect of Na⁺ and Ca²⁺ Ions on a Lipid Langmuir Monolayer: An Atomistic Description by Molecular Dynamics Simulations. ChemPhysChem, 2008, 9, 2538-2543.	2.1	29

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19	Diagnostic criteria for characterization of CE and CEC mechanisms in polarography. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1984, 172, 173-179.	0.1	28
20	Molecular Organization of LB Multilayers of Phospholipid and Mixed Phospholipid/Viologen By FTIR Spectroscopy. Journal of Physical Chemistry B, 2002, 106, 6507-6514.	2.6	28
21	J-Aggregation of a Water-Soluble Tetracationic Porphyrin in Mixed LB Films with a Calix[8]arene Carboxylic Acid Derivative. Langmuir, 2007, 23, 3794-3801.	3.5	28
22	7,7â€²-Diazaisoindigo: a novel building block for organic electronics. Journal of Materials Chemistry C, 2016, 4, 1208-1214.	5.5	28
23	Relaxing the Goldschmidt Tolerance Factor: Sizable Incorporation of the Guanidinium Cation into a Two-Dimensional Ruddlesdenâ€“Popper Perovskite. Chemistry of Materials, 2020, 32, 4024-4037.	6.7	28
24	Ion Interactions and Electrostatic Effects on TMPyP/DMPA Monolayers. Langmuir, 1998, 14, 1853-1860.	3.5	27
25	pH-dependence of half-wave potential for kinetic waves. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1983, 146, 279-284.	0.1	25
26	Systematic errors in the calculation of kinetic parameters by the polarographic method. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1985, 190, 47-54.	0.1	24
27	Study of the Two-Dimensional Phase Formed by Salts of the Cation Radical of Heptyl Viologen on Mercury in Aqueous Media. Langmuir, 1997, 13, 3860-3865.	3.5	24
28	Electrochemical Properties of Langmuirâ^'Blodgett Mixed Films Consisting of a Water-Soluble Porphyrin and a Phospholipid. Journal of Physical Chemistry B, 1998, 102, 2523-2529.	2.6	24
29	Conformational Changes of a Calix[8]arene Derivative at the Airâ^'Water Interface. Journal of Physical Chemistry B, 2005, 109, 3998-4006.	2.6	24
30	Mechanosensitive Gold Colloidal Membranes Mediated by Supramolecular Interfacial Self-Assembly. Journal of the American Chemical Society, 2017, 139, 1120-1128.	13.7	24
31	Triple-pulse voltammetry and polarography. Analytical Chemistry, 1993, 65, 215-222.	6.5	23
32	Effects of a novel antimycobacterial compound on the biophysical properties of a pulmonary surfactant model membrane. International Journal of Pharmaceutics, 2013, 450, 268-277.	5.2	23
33	Electrochemical Behavior of LB Films Containing a Mixture of Viologen and a Phospholipid. Journal of Physical Chemistry B, 1998, 102, 6799-6803.	2.6	22
34	Additive differential pulse voltammetry, instead of double differential pulse voltammetry. Electrochemistry Communications, 2001, 3, 324-329.	4.7	22
35	Anodic Electrodeposition of NiTSPP from Aqueous Basic Media. Langmuir, 2005, 21, 5468-5474.	3.5	22
36	Molecular organization and effective energy transfer in iridium metallosurfactantâ€“porphyrin assemblies embedded in Langmuirâ€“Schaefer films. Physical Chemistry Chemical Physics, 2011, 13, 2834-2841.	2.8	22

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37	Diagnosis of irreversible electron transfers and reversible CEC, CE, and EC processes from differential pulse polarographic criteria. Analytical Chemistry, 1988, 60, 2269-2273.	6.5	21
38	Characterization and fast optical response to NO2 of porphyrin LB films. Materials Science and Engineering C, 2002, 22, 433-438.	7.3	21
39	Phase Transition of a DPPC Bilayer Induced by an External Surface Pressure:Â From Bilayer to Monolayer Behavior. A Molecular Dynamics Simulation Study. Langmuir, 2006, 22, 5818-5824.	3.5	21
40	Soret emission from water-soluble porphyrin thin films: effect on the electroluminescence response. Journal of Materials Chemistry, 2009, 19, 4255.	6.7	21
41	Interplay of mycolic acids, antimycobacterial compounds and pulmonary surfactant membrane: A biophysical approach to disease. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 896-905.	2.6	21
42	Improvement of optical gas sensing using LB films containing a water insoluble porphyrin organized in a calixarene matrix. Journal of Materials Chemistry, 2007, 17, 2914-2920.	6.7	20
43	A DMPA Langmuir Monolayer Study:â€‰ From Gas to Solid Phase. An Atomistic Description by Molecular Dynamics Simulation. Langmuir, 2008, 24, 1823-1828.	3.5	20
44	Chiral Textures inside 2D Achiral Domains. Journal of the American Chemical Society, 2011, 133, 19028-19031.	13.7	20
45	Unravelling the 2D self-assembly of Fmoc-dipeptides at fluid interfaces. Soft Matter, 2018, 14, 9343-9350.	2.7	20
46	Differential pulse polarography for a dimerization process. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1985, 191, 303-310.	0.1	19
47	Aggregate formation in mixed monolayers at the airâ€"water interface of metal-complex tetracationic water-soluble porphyrins attached to a phospholipid matrix. Physical Chemistry Chemical Physics, 2002, 4, 2329-2336.	2.8	19
48	Dis-aggregation of an insoluble porphyrin in a calixarene matrix: characterization of aggregate modes by extended dipole model. Physical Chemistry Chemical Physics, 2008, 10, 1569.	2.8	19
49	Effect of the Molecular Methylene Blue Aggregation on the Mesoscopic Domain Morphology in Mixed Monolayers with Dimyristoylâ˜Phosphatidic Acid. Journal of Physical Chemistry C, 2009, 113, 5711-5720.	3.1	19
50	Tunable Soretâ€Band Splitting of an Amphiphilic Porphyrin by Surface Pressure. ChemPhysChem, 2008, 9, 1511-1513.	2.1	18
51	J-aggregation of a sulfonated amphiphilic porphyrin at the airâ€"water interface as a function of pH. Journal of Colloid and Interface Science, 2011, 356, 775-782.	9.4	18
52	Benignâ€byâ€Design Solventless Mechanochemical Synthesis of Threeâ€, Twoâ€, and Oneâ€Dimensional Hybrid Perovskites. Angewandte Chemie, 2016, 128, 15196-15201.	2.0	18
53	Electrochemical reduction of 7-aminodesacetoxy[5-thio-(1-N-methyltetrazoyl)]cephalosporanic acid and its determination by differential-pulse polarography. Analyst, The, 1984, 109, 1507-1508.	3.5	17
54	Control of the Lateral Organization in Langmuir Monolayers via Molecular Aggregation of Dyes. Journal of Physical Chemistry C, 2010, 114, 16685-16695.	3.1	17

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55	Analysis of iâ˜'t curves as a criterion to determine reaction mechanisms. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1984, 177, 59-68.	0.1	16
56	An electrochemical study of the dimerization of mesityl oxide. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1985, 195, 321-334.	0.1	16
57	General analytical solution for a reversible i/t response to a double potential step at spherical electrodes in the absence/presence of amalgamation effects. Canadian Journal of Chemistry, 1994, 72, 2378-2387.	1.1	16
58	Reorientation of the Cation Radical of Heptyl Viologen on Mercury in Water/DMSO Mixed Media. Langmuir, 1999, 15, 618-623.	3.5	16
59	Self-Assembly of Acridine Orange into H-Aggregates at the Air/Water Interface: Tuning of Orientation of Headgroup. Langmuir, 2011, 27, 14888-14899.	3.5	16
60	From Two-Dimensional to Three-Dimensional at the Air/Water Interface: The Self-Aggregation of the Acridine Dye in Mixed Monolayers. Langmuir, 2013, 29, 4796-4805.	3.5	16
61	Ion-Mediated Aggregation of Gold Nanoparticles for Light-Induced Heating. Applied Sciences (Switzerland), 2017, 7, 916.	2.5	16
62	Reduction of dicarbonyl compounds on the DME. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1984, 177, 39-50.	0.1	15
63	Diagnostic criteria for characterization of mechanisms corresponding to the second reduction polarographic wave of carbonyl compounds in acidic medium. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1985, 189, 195-202.	0.1	15
64	Cyclic and linear sweep voltammetry of cefazolin and cefmetazole: electroanalytical applications. Analyst, The, 1989, 114, 1611-1615.	3.5	15
65	Study of the electrochemical reduction of isonicotinic acid at a mercury electrode. Journal of Electroanalytical Chemistry, 1992, 324, 269-289.	3.8	15
66	Voltammetric Study of the Two-Dimensional Phase Formed by the Cation Radical of Methyl Viologen on Mercury in the Presence of Iodide Ions. Langmuir, 1995, 11, 1791-1796.	3.5	15
67	Two-Dimensional Condensation and Reorientation of the Bromide Salt of the Heptyl Viologen Cation Radical at the Hg/DMSO Interface. Journal of Physical Chemistry B, 1999, 103, 3669-3676.	2.6	15
68	Reversible Collapse of Insoluble Monolayers: New Insights on the Influence of the Anisotropic Line Tension of the Domain. Journal of Physical Chemistry B, 2009, 113, 13249-13256.	2.6	15
69	Reduction of dicarbonyl compounds on the DME. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1984, 177, 51-58.	0.1	14
70	Study of the adsorption and surface reduction of cefazolin by cyclic voltammetry. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 257, 281-292.	0.1	14
71	Electrochemical reduction of cefsulodin. Analyst, The, 1988, 113, 23-26.	3.5	14
72	Structural Investigation of Langmuir and Langmuirâ˜'Blodgett Monolayers of Semifluorinated Alkanes. Journal of Physical Chemistry B, 2006, 110, 6095-6100.	2.6	14

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73	Molecular organization of a water-insoluble iridium(III) complex in mixed monolayers. Journal of Colloid and Interface Science, 2007, 315, 278-286.	9.4	14
74	Langmuir Monolayers of an Inclusion Complex Formed by a New Calixarene Derivative and Fullerene. Langmuir, 2012, 28, 12114-12121.	3.5	14
75	UVâ€"Vis Reflectionâ€"Absorption Spectroscopy at airâ€"liquid interfaces. Advances in Colloid and Interface Science, 2015, 225, 134-145.	14.7	14
76	Mechanochemical synthesis of one-dimensional (1D) hybrid perovskites incorporating polycyclic aromatic spacers: highly fluorescent cation-based materials. Journal of Materials Chemistry C, 2018, 6, 7677-7682.	5.5	14
77	Formation of Two-Dimensional Phases of 4,4'-Bipyridine Cation Radical over Mercury in the Presence of Iodide Ions. Langmuir, 1994, 10, 723-729.	3.5	13
78	Molecular Interaction of Rifabutin on Model Lung Surfactant Monolayers. Journal of Physical Chemistry B, 2012, 116, 11635-11645.	2.6	13
79	Competitive homogeneous chemical reactions occurring between two electron transfers. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 243, 293-307.	0.1	12
80	Ellipsometric study of a phospholipid monolayer at the airâ€"water interface in presence of large organic counter ions. Thin Solid Films, 2005, 488, 247-253.	1.8	12
81	Elastic Nanocomposite Structures Formed by Polyacetyleneâ€"Hemicyanine Mixed Films at the Airâ€"Water Interface. Journal of Physical Chemistry C, 2013, 117, 21838-21848.	3.1	12
82	Insights about Î±-tocopherol and Trolox interaction with phosphatidylcholine monolayers under peroxidation conditions through Brewster angle microscopy. Colloids and Surfaces B: Biointerfaces, 2013, 111, 626-635.	5.0	12
83	Use of iâ€"t polarographic curves for the calculation of the rate constant of the intermediate chemical reaction of an ECE mechanism. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1984, 172, 167-172.	0.1	11
84	Description and interpretation of the exponentially shaped waves yielded in the polarographic reduction of cephalosporins at high concentrations in acid media. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 282, 189-200.	0.1	11
85	Reverse Differential Pulse Voltammetry and Polarography. Analytical Chemistry, 1995, 67, 2619-2624.	6.5	11
86	Relationship Between the pHâ€Dependence of the Halfâ€Wave Potential and the Limiting Current in Second Reduction Waves of CE Mechanisms. Bulletin Des SociÃ©tÃ©s Chimiques Belges, 1987, 96, 255-263.	0.0	11
87	Evaluation of the Structureâ€"Activity Relationship of Rifabutin and Analogs: A Drugâ€"Membrane Study. ChemPhysChem, 2013, 14, 2808-2816.	2.1	11
88	Diacetylene Mixed Langmuir Monolayers for Interfacial Polymerization. Langmuir, 2015, 31, 5333-5344.	3.5	11
89	Global analysis of kinetic current in DC polarography. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 243, 309-320.	0.1	10
90	Inhibition of the electrode reduction of an adsorbed species by the competitive adsorption of a surfactant. Journal of Electroanalytical Chemistry, 1992, 324, 359-374.	3.8	10

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91	The transfer coefficient of the electrochemical reduction of cephalosporins and cefamycins. Electroanalysis, 1993, 5, 325-331.	2.9	10
92	General analytical solution for a reversible i-t response to a triple potential step at an SMDE in the absence/presence of amalgamation. Journal of Electroanalytical Chemistry, 1996, 408, 33-45.	3.8	10
93	Application of the superposition principle to the study of a charge transfer reaction in cyclic chronopotentiometry. Part II. Journal of Mathematical Chemistry, 1996, 20, 169-181.	1.5	10
94	Methylene Blue Adsorption on a DMPA Lipid Langmuir Monolayer. ChemPhysChem, 2010, 11, 2241-2247.	2.1	10
95	Reduction of C=C double bonds on a mercury electrode. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1983, 158, 341-356.	0.1	9
96	Polarographic determination of the catalytic rate constants of dehydration of some dicarbonyl compounds in strong acid medium. Electrochimica Acta, 1984, 29, 1493-1494.	5.2	9
97	Application of Matsuda's pulse polarography theory to electrode processes coupled to very fast chemical reactions: Study of the CE mechanism by differential pulse polarography. Electrochimica Acta, 1992, 37, 1129-1134.	5.2	9
98	Double differential pulse voltammetry. Journal of Electroanalytical Chemistry, 1994, 365, 97-105.	3.8	9
99	Langmuir-Blodgett films containing water-soluble molecules: the methylene blue-dimyristoyl phosphatidic acid system. Thin Solid Films, 1996, 284-285, 162-165.	1.8	9
100	Study of non-faradaic 2D phase transitions by use of cyclic voltammetry and capacitance-potential curves. Journal of Electroanalytical Chemistry, 1997, 424, 113-119.	3.8	9
101	Application of the cyclic semi-integral voltammetry and cyclic semi-differential voltammetry to the determination of the reduction mechanism of a Niâ€"porphyrin. Journal of Electroanalytical Chemistry, 2002, 523, 160-168.	3.8	9
102	Chronoamperometric Study of the Films Formed by 4,4â€˜-Bipyridyl Cation Radical Salts on Mercury in the Presence of Iodide Ions:Â Consecutive Two-Dimensional Phase Transitions. Langmuir, 2005, 21, 369-374.	3.5	9
103	Segregation of lipid in Ir-dye/DMPA mixed monolayers as strategy to fabricate 2D supramolecular nanostructures at the airâ€"water interface. Journal of Materials Chemistry, 2008, 18, 1681.	6.7	9
104	The Effect of the Reduction of the Available Surface Area on the Hemicyanine Aggregation in Laterally Organized Langmuir Monolayers. Journal of Physical Chemistry C, 2011, 115, 9059-9067.	3.1	9
105	UV-Vis reflection spectroscopy under variable angle incidence at the airâ€"liquid interface. Physical Chemistry Chemical Physics, 2014, 16, 4012.	2.8	9
106	Mimicking the bioelectrocatalytic function of recombinant CotA laccase through electrostatically self-assembled bioconjugates. Nanoscale, 2019, 11, 1549-1554.	5.6	9
107	Aâ€Site Cation Engineering in 2D Ruddlesdenâ€"Popper (BA) 2 (MA 1â€•x A x) 2 Pb 3 I 10 Perovskite Films. Advanced Optical Materials, 2021, 9, 2100114.	7.3	9
108	Reduction of dicarbonyl compounds on the DME. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1984, 177, 69-75.	0.1	8

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109	Normal pulse polarography: analytical expressions for the kinetic current and ireversible electrode reactions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1985, 182, 173-178.	0.1	8
110	Determination of the rate constants for a CECE reduction mechanism. Electrochimica Acta, 1987, 32, 1495-1497.	5.2	8
111	Differential pulse polarography as applied to the first and second peak yielded by radical-radical dimerization processes. Analytical Chemistry, 1991, 63, 1574-1580.	6.5	8
112	Influence of temperature on the two-dimensional condensation of 4,4â€²-bipyridine and its cation radical over mercury in an acidic nitrate medium. Journal of Electroanalytical Chemistry, 1993, 359, 325-331.	3.8	8
113	Multiple potential step at an SMDE in the absence/presence of amalgamation. Journal of Electroanalytical Chemistry, 1997, 422, 55-60.	3.8	8
114	2D Chiral Structures in Quinoline Mixed Langmuir Monolayers. Journal of Physical Chemistry C, 2014, 118, 10844-10854.	3.1	8
115	Folding of cytosine-based nucleolipid monolayer by guanine recognition at the air-water interface. Journal of Colloid and Interface Science, 2019, 537, 694-703.	9.4	8
116	Fluorinated CdSe/ZnS quantum dots: Interactions with cell membrane. Colloids and Surfaces B: Biointerfaces, 2019, 173, 148-154.	5.0	8
117	Amphiphilic polymers for aggregation-induced emission at air/liquid interfaces. Journal of Colloid and Interface Science, 2021, 596, 324-331.	9.4	8
118	Reverse pulse voltammetry and polarography: a general analytical solution. Canadian Journal of Chemistry, 1994, 72, 2369-2377.	1.1	7
119	A Revised Study on Formation at Air-Water Interface of Metallotetraphenylporphyrin Monolayers. Journal of Colloid and Interface Science, 1995, 175, 83-87.	9.4	7
120	Two-Dimensional Condensation of Metallotetraphenylporphyrins at the Mercury-DMSO Interface. The Journal of Physical Chemistry, 1995, 99, 14083-14088.	2.9	7
121	The cyclic voltammetric behaviour of 4,4â€²-bipyridine over mercury in an acid medium. Electrochimica Acta, 1996, 41, 819-825.	5.2	7
122	Numerical determination of extended semi integrals and semi differentials by using spline cubic functions. Applications to an EE reversible mechanism in cyclic voltammetry. Journal of Electroanalytical Chemistry, 2000, 485, 7-12.	3.8	7
123	Oxygen storage/release in cobalt porphyrin electrodeposited films. Electrochimica Acta, 2009, 54, 1791-1797.	5.2	7
124	Semifluorinated thiols in Langmuir monolayers. Journal of Colloid and Interface Science, 2010, 346, 153-162.	9.4	7
125	Organization and structure of mixed Langmuir films composed of polydiacetylene and hemicyanine. Journal of Colloid and Interface Science, 2017, 508, 583-590.	9.4	7
126	Optimization of Amino Acid Sequence of Fmoc-Dipeptides for Interaction with Lipid Membranes. Journal of Physical Chemistry B, 2019, 123, 3721-3730.	2.6	7

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127	Design and Self-Assembly of Sugar-Based Amphiphiles: Spherical to Cylindrical Micelles. Langmuir, 2022, 38, 7535-7544.	3.5	7
128	Cyclic voltammetric study of mixed monolayers of methylene blue and Triton X-100 formed spontaneously on mercury. Journal of Electroanalytical Chemistry, 1993, 358, 127-142.	3.8	6
129	Effects of temperature and anion type on the two-dimensional condensation of the 4,4â€²-bipyridine cation radical on mercury. Journal of Electroanalytical Chemistry, 1995, 390, 21-27.	3.8	6
130	Electrochemical Reduction of Lucigenin on Mercury in Aqueous Media. Journal of the Electrochemical Society, 1996, 143, 2132-2136.	2.9	6
131	Chronoamperometric Study of the Films Formed by Salts of Heptyl Viologen Cation Radical on Mercury:Â Desorptionâ˘'Nucleation and Reorientationâ˘'Nucleation Mechanisms. Langmuir, 2003, 19, 2338-2343.	3.5	6
132	Direct observation by using Brewster angle microscopy of the diacetylene polimerization in mixed Langmuir film. Journal of Colloid and Interface Science, 2015, 459, 53-62.	9.4	6
133	Insight into the Role of Guanidinium and Cesium in Triple Cation Lead Halide Perovskites. Solar Rrl, 2021, 5, 2100586.	5.8	6
134	Voltammetric study of cefsulodin: surface reduction of the isonicotinamide substituent via an ECE mechanism. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 284, 445-463.	0.1	5
135	Two-dimensional phase transition in the electroreduction of heptyl viologen on polycrystalline silver in aqueous media. Journal of Electroanalytical Chemistry, 2001, 497, 168-171.	3.8	5
136	Electroreduction of Heptyl Viologen on Polycrystalline Silver. Journal of the Electrochemical Society, 2002, 149, E440.	2.9	5
137	Formation of a 2D phase in the electrochemical reduction of 4,4â€²-bipyridine on mercury in the presence of iodide ions via a desorption-nucleation, reorientation-nucleation mechanisms. Journal of Electroanalytical Chemistry, 2004, 564, 179-183.	3.8	5
138	Mediator and catalytic effects of porphyrin modified electrodes on redox LB films. Electrochimica Acta, 2006, 51, 3714-3718.	5.2	5
139	Langmuir monolayer properties of 4-methylbenzenethiol capped gold nanoparticles. Materials Science and Engineering C, 2006, 26, 154-162.	7.3	5
140	Controlling the molecular organization of porphyrins by hosting in amphiphilic matrix. Journal of Porphyrins and Phthalocyanines, 2009, 13, 597-605.	0.8	5
141	Tuning of the Hydrophobic and Hydrophilic Interactions in 2D Chiral Domains. Journal of Physical Chemistry C, 2012, 116, 19925-19933.	3.1	5
142	Electrochemical reduction of 4,4-dimethyl-1-phenyl-1-penten-3-one. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 241, 297-308.	0.1	4
143	Influence of the molecular association of 6-methyladenine on its electrochemical reduction. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1989, 269, 129-142.	0.1	4
144	Using Mathcad's cubic spline functions for numerical fitting of data to tabulated functions. Journal of Chemical Education, 1993, 70, A312.	2.3	4

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145	Determination of porphyrin dimer in a mixed monolayer of porphyrin/phospholipid transferred on ITO electrodes. Electrochemistry Communications, 2000, 2, 276-280.	4.7	4
146	Reversible binding of molecular dioxygen to CoTSPP electrodeposited films from aqueous basic media. Electrochemistry Communications, 2006, 8, 638-642.	4.7	4
147	Diffusion intensity in normal pulse polarography. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1985, 182, 169-172.	0.1	3
148	Polarographic analysis of mechanisms involving competition between dimerization and electron transfer reactions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 281, 61-71.	0.1	3
149	Overall analysis of the kinetic current of Î±-keto acids. Application to the first reduction wave of glyoxylic acid. Electrochimica Acta, 1994, 39, 107-113.	5.2	3
150	Study of a new C60 derivative at the airâ€“water interface. Thin Solid Films, 2004, 449, 215-221.	1.8	3
151	Reduction of Cî—»C double bonds on a mercury electrode. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1984, 170, 281-292.	0.1	2
152	Competitive chemical reactions in DC polarography: Influence of fast protonation equilibria on CE and ECE mechanisms. Collection of Czechoslovak Chemical Communications, 1991, 56, 68-77.	1.0	2
153	Splitting of the DPP signal yielded by a single-step charge-transfer process with a very low transfer coefficient. Application to the determination of kinetic parameters for the reduction of Cd2+ and Zn2+ in dimethylsulphoxide. Journal of Electroanalytical Chemistry, 1992, 333, 153-164.	3.8	1
154	Molecular organization and electrochemical reduction of a Ni(II)Porphyrin complex in LB films. Electrochemistry Communications, 2002, 4, 639-643.	4.7	1
155	Effect of the Barometric Phase Transition of a DMPA Bilayer on the Lipid/Water Interface. An Atomistic Description by Molecular Dynamics Simulation. Journal of Physical Chemistry B, 2007, 111, 13726-13733.	2.6	1
156	Stable white light emission from an externally modified organic light-emitting device. Displays, 2010, 31, 181-185.	3.7	1
157	Aggregation and structural study of the monolayers formed by an amphiphilic thiapentacarbocyanine. RSC Advances, 2015, 5, 32227-32238.	3.6	1
158	Octadecyl-viologen Photooxidation in Surface Films: Macroscopic Contraction of Langmuir Monolayer by UV Irradiation. Langmuir, 2016, 32, 11405-11413.	3.5	1
159	Tailoring a compact and stable Langmuir bi-dimensional PbX-based layered perovskite film at the airâ€“water interface and on solid support. Journal of Colloid and Interface Science, 2017, 498, 194-201.	9.4	1
160	Subtle chemical modification for enrichment of Fmoc-amino acid at a phospholipid interface. RSC Advances, 2019, 9, 37188-37194.	3.6	1
161	Transition from Twoâ€Electron to Oneâ€Electron Processes in DC Polarography. Competition Between Firstâ€and Secondâ€Order Reactions. Bulletin Des SociÃ©tÃ©s Chimiques Belges, 1990, 99, 575-577.	0.0	0
162	Effect of Triton X-100 on the electrochemical reduction of N-methylnicotinic acid at a mercury electrode. Collection of Czechoslovak Chemical Communications, 1991, 56, 85-89.	1.0	0