Olegas Eicher-Lorka

List of Publications by Year
in descending order

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28	331	840776 11	839539 18
papers	citations	h-index	g-index

32	32	32	602
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Study of Cysteamine Ionization in Solution by Raman Spectroscopy and Theoretical Modeling. Journal of Physical Chemistry A, 2006, 110, 13394-13404.	2.5	49
2	Raman spectroelectrochemical study of Toluidine Blue, adsorbed and electropolymerized at a gold electrode. Vibrational Spectroscopy, 2008, 47, 105-112.	2.2	32
3	SERS of the Positive Charge Bearing Pyridinium Ring Terminated Self-Assembled Monolayers: Structure and Bonding Spectral Markers. Journal of Physical Chemistry C, 2015, 119, 26481-26492.	3.1	26
4	Raman spectroelectrochemical study of electrode processes at Neutral red- and poly(Neutral red) modified electrodes. Vibrational Spectroscopy, 2009, 51, 238-247.	2.2	22
5	Mediatorless Carbohydrate/Oxygen Biofuel Cells with Improved Cellobiose Dehydrogenase Based Bioanode. Fuel Cells, 2014, 14, 792-800.	2.4	22
6	SERS observation of soft Câ€“H vibrational mode of bifunctional alkanethiol molecules adsorbed at Au and Ag electrodes. Physical Chemistry Chemical Physics, 2010, 12, 4564.	2.8	19
7	Electrical activity of cellobiose dehydrogenase adsorbed on thiols: Influence of charge and hydrophobicity. Bioelectrochemistry, 2017, 115, 26-32.	4.6	15
8	Infrared and Raman bands of phytantriol as markers of hydrogen bonding and interchain interaction. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2005, 62, 945-957.	3.9	14
9	Water-Induced Structural Changes in the Membrane-Anchoring Monolayers Revealed by Isotope-Edited SERS. Journal of Physical Chemistry C, 2016, 120, 22489-22499.	3.1	14
10	Raman spectroelectrochemical study of Meldola blue, adsorbed and electropolymerized at a gold electrode. Journal of Colloid and Interface Science, 2011, 357, 189-197.	9.4	12
11	Electrochemical Shell-Isolated Nanoparticle-Enhanced Raman Spectroscopy: Bonding, Structure, and Ion-Pairing of the Positive Charge Bearing Pyridinium Ring Terminated Monolayer at Smooth Gold Electrode. Journal of Physical Chemistry C, 2018, 122, 1234-1242.	3.1	12
12	A Convenient Preparation of 1-Vinylpyridinium Salts. Synthesis, 1999, 1999, 2131-2137.	2.3	11
13	Potential dependence of SERS spectra of reduced graphene oxide adsorbed on self-assembled monolayer at gold electrode. Chemical Physics Letters, 2013, 590, 141-145.	2.6	10
14	Interaction of 4-imidazolemethanol with a copper electrode revealed by isotope-edited SERS and theoretical modeling. Physical Chemistry Chemical Physics, 2015, 17, 16483-16493.	2.8	10
15	Reflection Absorption Infrared Spectroscopy Characterization of SAM Formation from 8-Mercapto-N-(phenethyl)octanamide Thiols with Phe Ring and Amide Groups. Molecules, 2020, 25, 5633.	3.8	9
16	1-Alkyl-4-dialkylaminopyridinium Halides as Phase-Transfer Catalysts in Dichlorocarbene Reactions. Monatshefte FÃ¼r Chemie, 2002, 133, 313-321.	1.8	8
17	Synthesis and isomerism of hydrazones of 2-(5-thioxo-4,5-dihydro-1,3,4-thiadiazol-2-ylthio)acetohydrazide. Open Chemistry, 2007, 5, 996-1006.	1.9	8
18	SERS characterization of imidazole ring terminated self-assembled monolayer formed from lipoic acid histamide on silver electrode. Journal of Electroanalytical Chemistry, 2013, 700, 77-85.	3.8	8

#	Article	IF	Citations
19	Cholesterol-based tethers and markers for model membranes investigation. Chemistry and Physics of Lipids, 2016, 195, 71-86.	3.2	6
20	Molecular structure of mercury(II) thiocyanate complexes based on DFT calculations and experimental UV-electron spectroscopy and Raman studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 115, 574-582.	3.9	5
21	Synthesis of 4-cyclo(propyl- and butyl)-1-ethylpyridinium bromides and calculation of their proton and carbon chemical shifts. Arkivoc, 2011, 2010, 114-132.	0.5	5
22	TD-DFT study of the electronic absorption spectra of iron(III) monoisothiocyanate. Polyhedron, 2015, 90, 41-46.	2.2	4
23	Pyridyl Sulfobetaines as Phase-transfer Catalysts for Reactions Involving Dichlorocarbene. Chemistry of Heterocyclic Compounds, 2001, 37, 781-782.	1.2	3
24	Title is missing!. Chemistry of Heterocyclic Compounds, 2002, 38, 1363-1367.	1.2	2
25	Synthesis and properties of new biotin compounds containing hexyltriethylene glycol chain. Open Chemistry, 2012, 10, 113-120.	1.9	1
26	Spectroscopic and structural investigations of iron(III) isothiocyanates. A comparative theoretical and experimental study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 129, 43-51.	3.9	1
27	Sulfoalkylation of 1,2-Dihydro-3,6-pyridazine- and 2,3-Dihydro-1,4-phthalazinediones and Their N-Phenyl Derivatives by 1,3-Propanesultone and Bromoalkanesulfonates.. ChemInform, 2003, 34, no.	0.0	0
28	Phase Transfer Catalysis Method of Synthesis of Benzyl- and Benzhydryloxyalkoxyalkynes.. ChemInform, 2003, 34, no.	0.0	0