Sergio A Dassie

List of Publications by Year
in descending order

40 papers	535 citations	759233 12 h-index	677142 22 g-index
40 all docs	40 docs citations	40 times ranked	591 citing authors

#	Article	IF	Citations
1	An electroanalytical method for monitoring acid hydrolysis reactions using thick-film modified electrodes. Electrochimica Acta, 2021, 380, 137906.	5.2	2
2	Molecular Transport through TiO₂ Mesoporous Thin Films: Correlation with the Partially Blocked Electrode Model. Journal of Physical Chemistry C, 2021, 125, 23521-23532.	3.1	4
3	Facilitated proton transfer reactions via water autoprotolysis across oil | water interfaces. Half-wave potential. Electrochimica Acta, 2020, 332, 135498.	5.2	5
4	Facilitated proton transfer via water autoprotolysis-electron transfer coupled reactions at thick-film modified electrodes. Electrochimica Acta, 2020, 349, 136316.	5.2	2
5	On the photophysics of electrochemically generated silver nanoclusters: spectroscopic and theoretical characterization. Physical Chemistry Chemical Physics, 2020, 22, 16813-16821.	2.8	7
6	A simple surface biofunctionalization strategy to inhibit the biofilm formation by Staphylococcus aureus on solid substrates. Colloids and Surfaces B: Biointerfaces, 2019, 183, 110432.	5.0	7
7	Hanging meniscus rotating disk electrode: A theoretical perspective. Electrochimica Acta, 2019, 327, 135032.	5.2	2
8	Facilitated proton transfer reactions via water autoprotolysis across oil | water interfaces. Spectroelectrochemical analysis. Electrochimica Acta, 2019, 299, 430-440.	5.2	6
9	An integrated experimental-theoretical approach to understand the electron transfer mechanism of adsorbed ferrocene-terminated alkanethiol monolayers. Electrochimica Acta, 2018, 265, 303-315.	5.2	5
10	Magnetic Resonance Imaging in Situ Visualization of an Electrochemical Reaction under Forced Hydrodynamic Conditions. ACS Omega, 2018, 3, 18630-18638.	3.5	2
11	An integrated theoretical-experimental approach to understand facilitated proton transfer-electron transfer coupled reactions at thick-film modified electrodes. Electrochimica Acta, 2018, 283, 1719-1731.	5.2	9
12	Theoretical model of ion transfer-electron transfer coupled reactions at the thick-film modified electrodes. Journal of Electroanalytical Chemistry, 2017, 784, 25-32.	3.8	12
13	Flowâ€Pattern Characterization of Biphasic Electrochemical Cells by Magnetic Resonance Imaging under Forced Hydrodynamic Conditions. ChemPhysChem, 2017, 18, 3469-3477.	2.1	4
14	Facilitated proton transfer-electron transfer coupled reactions at thick-film modified electrodes. Electrochimica Acta, 2017, 258, 727-734.	5.2	9
15	Ion transfer of weak acids across liquid | liquid interfaces. Journal of Electroanalytical Chemistry, 2016, 774, 111-121.	3.8	9
16	Effect of ligand protonation on the facilitated ion transfer reactions across oil | water interfaces. V. Applications of forced hydrodynamic conditions. Journal of Electroanalytical Chemistry, 2016, 765, 100-104.	3.8	10
17	Determination of flow patterns in a rotating disk electrode configuration by MRI. Journal of Electroanalytical Chemistry, 2015, 750, 100-106.	3.8	13
18	Facilitated proton transfer or protonated species transfer reactions across oil | water interfaces. Journal of Electroanalytical Chemistry, 2014, 728, 51-59.	3.8	16

#	Article	IF	Citations
19	Ion transfer across liquid|liquid interface under forced hydrodynamic conditions. I: Digital simulations. Journal of Electroanalytical Chemistry, 2012, 666, 42-51.	3.8	7
20	Thermodynamic and structural analysis of homodimeric proteins: Model of Î²-lactoglobulin. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2012, 1824, 383-391.	2.3	17
21	Binding of the Highly Toxic Tetracycline Derivative, Anhydrotetracycline, to Bovine Serum Albumin. Biological and Pharmaceutical Bulletin, 2011, 34, 1301-1306.	1.4	18
22	Effect of ligand protonation on the facilitated ion transfer reactions across oil/water interfaces. IV. Buffer solution effect. Journal of Electroanalytical Chemistry, 2010, 645, 1-9.	3.8	19
23	Protein Oligomerization: Thermodynamic and Structural Analysis of the Dimerization of Beta-lactoglobulin. Biophysical Journal, 2010, 98, 28a-29a.	0.5	0
24	When do nanowires break? A model for the theoretical study of the long-term stability of monoatomic nanowires. Chemical Physics Letters, 2008, 460, 261-265.	2.6	25
25	Atomistic computer simulations on the generation of bimetallic nanoparticles. Faraday Discussions, 2008, 138, 89-104.	3.2	16
26	Thermodynamic Model for the Analysis of Calorimetric Data of Oligomeric Proteins. Journal of Physical Chemistry B, 2008, 112, 14325-14333.	2.6	13
27	Computer simulation of electrochemical nanostructuring induced by supersaturation conditions. Journal of Electroanalytical Chemistry, 2007, 607, 10-16.	3.8	4
28	Externally Applied Electric Fields on Immiscible Lipid Monolayers:Â Repulsion between Condensed Domains Precludes Domain Migration. Langmuir, 2006, 22, 9664-9670.	3.5	12
29	Differential scanning calorimetry as a tool to estimate binding parameters in multiligand binding proteins. Analytical Biochemistry, 2006, 350, 277-284.	2.4	57
30	Ligand-induced thermostability in proteins: Thermodynamic analysis of ANSâ€“albumin interaction. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2005, 1750, 122-133.	2.3	54
31	Protein Unfolding Coupled to Ligand Binding: Differential Scanning Calorimetry Simulation Approach. Journal of Chemical Education, 2005, 82, 85.	2.3	15
32	Collision as a way of forming bimetallic nanoclusters of various structures and chemical compositions. Journal of Chemical Physics, 2005, 123, 184505.	3.0	87
33	Ion-Transfer Processes across Liquid/Liquid Interfaces Promoted by a Convective Flux.. Bulletin of the Chemical Society of Japan, 2002, 75, 235-240.	3.2	13
34	On the Stability of Ag/Au(111) Expanded Structures. Langmuir, 2002, 18, 6628-6632.	3.5	11
35	Some Theoretical Considerations Concerning Ion Hydration in the Case of Ion Transfer between Water and 1,2-Dichloroethane. Bulletin of the Chemical Society of Japan, 1998, 71, 549-554.	3.2	11
36	Anion Effect on the Solvent Extraction of Alkali Cations with Dibenzo-18-crown-6 in 1,2-Dichloroethane. Voltammetric and Spectroscopic Analysis.. Analytical Sciences, 1998, 14, 231-236.	1.6	8

#	Article	IF	Citations
37	Comparative analysis of the transfer of alkaline and alkaline-earth cations across the water/1,2-dichloroethane interface. Electrochimica Acta, 1995, 40, 2953-2959.	5.2	18
38	Theoretical Study about the Adsorption of Lead on (111), (100), (110) Monocrystalline Surfaces of Gold. Zeitschrift Fur Physikalische Chemie, 1994, 185, 33-50.	2.8	6
39	Facilitated Ion Transfer Reactions across Liquid|Liquid Interfaces assisted by a Neutral Weak Acid: A Theoretical Approach.. ChemElectroChem, 0, , .	3.4	0
40	Facilitated Ion Transfer Reactions Across Liquid|Liquid Interfaces Assisted by a Neutral Weak Acid: A Theoretical Approach. ChemElectroChem, 0, , .	3.4	0