

Molecular exciton theory calculations based on experimental
3BL azo dye–surfactants interactions

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A highly sensitive electrochemical method for the determination of Sudan I at polyvinylpyrrolidone modified acetylene black paste electrode based on enhancement effect of sodium dodecyl sulphate. International Journal of Environmental Analytical Chemistry, 2009, 89, 233-244.	1.8	35
2	Analysis of immunoreaction with localized surface plasmon resonance biosensor. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 75, 1163-1167.	2.0	8
3	Preparation and surface activities of modified gelatin-glucose conjugates. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 408, 97-103.	2.3	17
4	The study of Sunset Yellow anionic dye interaction with gemini and conventional cationic surfactants in aqueous solution. Dyes and Pigments, 2012, 95, 768-775.	2.0	50
5	Photophysics of hydrogen bonded diarylethene dimers in the liquid phase. Chemical Physics Letters, 2013, 555, 206-211.	1.2	9
6	Class-III Delocalization and Exciton Coupling in a Bimetallic Bis-Ligand Radical Complex. Chemistry - A European Journal, 2013, 19, 9606-9618.	1.7	32
7	Spectroscopic study of ordered hybrid complexes formation between dye aggregates and ReVO ₄ :Eu ³⁺ (Re=Y, Gd, La) nanoparticles. Journal of Molecular Liquids, 2014, 199, 244-250.	2.3	14
8	Adsorption and Corrosion Inhibition Studies of Some Selected Dyes as Corrosion Inhibitors for Mild Steel in Acidic Medium: Gravimetric, Electrochemical, Quantum Chemical Studies and Synergistic Effect with Iodide Ions. Molecules, 2015, 20, 16004-16029.	1.7	109
9	Oxyethylene chain length affects the physicochemical properties of sugar-based anionic surfactants with phosphates groups. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 485, 118-124.	2.3	16
10	Effects of orthovanadate-based nanoparticles of various sizes on the aggregation behavior of polymethine dyes in aqueous solutions. Chemical Physics Letters, 2015, 621, 46-51.	1.2	9
11	Spectral-luminescent properties of pH-sensitive azo fluorophore in complexes with quaternary ammonium disinfectants. Colloid and Polymer Science, 2015, 293, 3145-3156.	1.0	3
12	Molecular Arrangement in Cyanine Dye J-Aggregates Formed on CeO ₂ Nanoparticles. Journal of Physical Chemistry C, 2018, 122, 20996-21003.	1.5	12
13	Cause, Regulation and Utilization of Dye Aggregation in Dye-Sensitized Solar Cells. Molecules, 2020, 25, 4478.	1.7	30
14	Factors influencing the adsorption and photocatalysis of direct red 80 in the presence of a TiO ₂ : Equilibrium and kinetics modeling. Journal of Chemical Research, 2021, 45, 694-701.	0.6	8
15	ORDERED ADSORPTION OF ORGANIC MOLECULES ON INORGANIC NANOPARTICLES. Visnik Nacional Noi Akademii Nauk Ukraini, 2015, , 34-42.	0.0	1
16	Divergent Synthesis of Ultrabright and Dendritic Xanthenes for Enhanced Click Chemistry-Based Bioimaging. Chemistry - A European Journal, 0, , .	1.7	0
17	Spectroscopic characterization and assessment of microbiological potential of 1,3,4-thiadiazole derivative showing ESIPT dual fluorescence enhanced by aggregation effects. Scientific Reports, 2022, 12, .	1.6	6