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Aggregation of Rhodamine B in Water

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#	Paper	IF	Citations
81	Thermodynamics study of the dimerization equilibria of rhodamine B and 6G in different ionic strengths by photometric titration and chemometrics method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005 , 62, 649-56	4.4	36
80	pH dependence of the interaction between rhodamine B and the water-soluble poly(sodium 4-styrenesulfonate). <i>Journal of Physical Chemistry B</i> , 2006 , 110, 11809-12	3.4	77
79	The Nature of Aqueous Solutions of a Cationic Calix[4]arene: A Comparative Study of Dye-Calixarene and Dye-Surfactant Interactions. <i>Sensors</i> , 2006 , 6, 962-977	3.8	38
78	Spectrophotometric and thermodynamic study on the dimerization equilibrium of ionic dyes in water by chemometrics method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006 , 65, 73-8	4.4	49
77	Fluorescence lifetime standards for time and frequency domain fluorescence spectroscopy. <i>Analytical Chemistry</i> , 2007 , 79, 2137-49	7.8	338
76	Heterogeneous translational dynamics of rhodamine B in polyelectrolyte multilayer thin films observed by single molecule microscopy. <i>Langmuir</i> , 2009 , 25, 8330-9	4	9
75	Acid-base behavior of rhodamine B in a reversed micellar medium of cetyltrimethylammonium chloride in 1-hexanol-cyclohexane/water. <i>Analytical Sciences</i> , 2010 , 26, 1247-54	1.7	7
74	The influence of beta-cyclodextrin on acid-base and tautomeric equilibrium of fluorescein dyes in aqueous solution. <i>Carbohydrate Research</i> , 2010 , 345, 1882-90	2.9	20
73	Ultrasound-modulated fluorescence from rhodamine B aqueous solution. <i>Journal of Biomedical Optics</i> , 2010 , 15, 021321	3.5	16
72	A first principles study of fluorescence quenching in rhodamine B dimers: how can quenching occur in dimeric species?. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 11238-44	3.6	82
71	pH-Control of the Photocatalytic Degradation Mechanism of Rhodamine B over Pb ₃ Nb ₄ O ₁₃ . <i>Journal of Physical Chemistry C</i> , 2011 , 115, 8014-8023	3.8	88
70	FRET-based biosensor for oleic acid in nanomolar range with quantum dots as an energy donor. <i>Bioconjugate Chemistry</i> , 2011 , 22, 338-45	6.3	21
69	Rhodamine B aggregation in self-assembled multilayers induced by polyelectrolyte and interfacial fluorescence recognition for DNA. <i>Talanta</i> , 2011 , 85, 1187-92	6.2	11
68	Enhancement of luminescence of Rhodamine B by gold nanoparticles in thin films on glass for active optical materials applications. <i>Optical Materials</i> , 2011 , 34, 360-364	3.3	35
67	Two-step resonance energy transfer between dyes in layered silicate films. <i>Journal of Colloid and Interface Science</i> , 2011 , 364, 497-504	9.3	24
66	Influence of the electric field on supramolecular structure and properties of amyloid-specific reagent Congo red. <i>European Biophysics Journal</i> , 2011 , 40, 1187-96	1.9	10
65	Adsorption of chromium(VI) and Rhodamine B by surface modified tannery waste: kinetic, mechanistic and thermodynamic studies. <i>Journal of Hazardous Materials</i> , 2011 , 186, 1088-96	12.8	118

64	Electrophoretic mobility measurements of fluorescent dyes using on-chip capillary electrophoresis. <i>Electrophoresis</i> , 2011 , 32, 3286-94	3.6	56
63	Removal of a Basic Dye from Aqueous Solution by a Natural Kaolinitic Clay [Adsorption and Kinetic Studies. <i>Adsorption Science and Technology</i> , 2012 , 30, 171-182	3.6	2
62	Energy Transfer of CdSe/ZnS Nanocrystals Encapsulated with Rhodamine-Dye Functionalized Poly(acrylic acid). <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012 , 248, 24-29	4.7	14
61	Active media based on SiO ₂ matrices with incorporated molecules of rhodamine dyes. <i>Journal of Sol-Gel Science and Technology</i> , 2012 , 63, 389-394	2.3	5
60	Rhodamine solid complexes as fluorescence probes to monitor the dispersion of cyclodextrins in polymeric nanocomposites. <i>Dyes and Pigments</i> , 2012 , 94, 427-436	4.6	16
59	A red-emissive aminobenzopyrano-xanthene dye: elucidation of fluorescence emission mechanisms in solution and in the aggregate state. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 2131-40	3.6	33
58	Preparation, characterization, and utilization of multi-functional magnetic-fluorescent composites for bio-imaging and magnetic hyperthermia therapy. <i>RSC Advances</i> , 2013 , 3, 7838	3.7	20
57	The design of contact lens based ocular drug delivery systems for single-day use: Part (I) Structural factors, surrogate ophthalmic dyes and passive diffusion studies. <i>Journal of Biomaterials Applications</i> , 2014 , 29, 341-53	2.9	9
56	Electrochemical Self-Assembly of Nanostructured CuSCN/Rhodamine B Hybrid Thin Film and Its Dye-Sensitized Photocathodic Properties. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 16581-16590	3.8	25
55	Spectroscopic properties of Rhodamine B entrapped in hybrid porous nanolayers at high dye concentration. <i>Chemical Physics</i> , 2014 , 439, 121-127	2.3	13
54	Significant enhancement of photoreactivity of graphitic carbon nitride catalysts under acidic conditions and the underlying H(+)-mediated mechanism. <i>Chemosphere</i> , 2015 , 141, 127-33	8.4	17
53	Toward the design of bio-solar cells: high efficiency cascade energy transfer among four donor-acceptor dyes self-assembled in a highly ordered protein/DNA matrix. <i>RSC Advances</i> , 2015 , 5, 72416-72422	3.7	9
52	Facile Fabrication of Bi ₂ WO ₆ /Ag ₂ S Heterostructure with Enhanced Visible-Light-Driven Photocatalytic Performances. <i>Nanoscale Research Letters</i> , 2016 , 11, 126	5	40
51	Stability of J-aggregated species in an indocarbocyanine dye in Langmuir-Blodgett Films. <i>Journal of Luminescence</i> , 2016 , 179, 287-296	3.8	13
50	Rhodamine-doped nanoporous polymer films as high-performance anti-reflection coatings and optical filters. <i>Nanoscale</i> , 2016 , 8, 17675-17685	7.7	9
49	Monitoring of chlorsulfuron in biological fluids and water samples by molecular fluorescence using rhodamine B as fluorophore. <i>Talanta</i> , 2016 , 160, 431-436	6.2	2
48	Shear-Driven Flow Ice Chromatography as a Possible Tool Probing Ice/Water Interface. <i>Analytical Sciences</i> , 2016 , 32, 805-8	1.7	3
47	Synthesis of new rhodamine dyed copolymer nanodispersions for textiles-agglomeration and control with copolymer resins. <i>Dyes and Pigments</i> , 2016 , 133, 424-434	4.6	5

46	Photophysics of Rhodamine B in the nanosized water droplets: A concentration dependence study. <i>Journal of Molecular Liquids</i> , 2016 , 220, 395-403	6	16
45	Enhanced photocatalytic performance in Bi ₂ WO ₆ /SnS heterostructures: Facile synthesis, influencing factors and mechanism of the photocatalytic process. <i>Journal of Colloid and Interface Science</i> , 2016 , 466, 388-99	9.3	54
44	Dye Aggregates as New Stabilizers for (Mini)emulsions. <i>Langmuir</i> , 2017 , 33, 1239-1247	4	8
43	Graphene wrapped Copper Phthalocyanine nanotube: Enhanced photocatalytic activity for industrial waste water treatment. <i>Applied Surface Science</i> , 2017 , 418, 156-162	6.7	54
42	Highly luminescent hybrid materials based on smectites with polyethylene glycol modified with rhodamine fluorophore. <i>Applied Clay Science</i> , 2017 , 138, 25-33	5.2	11
41	Improving the fidelity of two-photon absorption reference standards. 2017 ,		
40	Effect of chain length of oil on location of dye within AOT nanometer-sized droplet microemulsions at constant water content. <i>Journal of Molecular Liquids</i> , 2017 , 233, 398-402	6	11
39	Effect of poly (sodium 4-styrenesulfonate) on the ionization constants of acid-base indicator dyes in aqueous solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 527, 132-144 ^{5.1}		3
38	Solid surface fluorescence methodology for fast monitoring of 2,4-dichlorophenoxyacetic acid in seed samples. <i>Microchemical Journal</i> , 2017 , 135, 60-65	4.8	6
37	Absorption, fluorescence, and acid-base equilibria of rhodamines in micellar media of sodium dodecyl sulfate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 170, 138-44 ^{4.4}		13
36	Preparation and Optimization of Fluorescent Thin Films of Rosamine-SiO ₂ /TiO ₂ Composites for NO ₂ Sensing. <i>Materials</i> , 2017 , 10,	3.5	7
35	Spectroscopic investigation on catalytic and bactericidal properties of biogenic silver nanoparticles synthesized using <i>Soymida febrifuga</i> aqueous stem bark extract. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 3590-3601	6.8	14
34	Nanoconjugates of a calixresorcinarene derivative with methoxy poly(ethylene glycol) fragments for drug encapsulation. <i>Beilstein Journal of Nanotechnology</i> , 2018 , 9, 2057-2070	3	6
33	Self-Cleaning of Photocatalytic Mortar with Glass Aggregate and Calcium Sulfoaluminate-Belite Cement. <i>Transportation Research Record</i> , 2019 , 2673, 704-715	1.7	1
32	Exfoliated kaolinite nanolayers as an alternative photocatalyst with superb activity. <i>Journal of Environmental Chemical Engineering</i> , 2019 , 7, 103174	6.8	33
31	Comment on "A novel environmental-friendly nanobiocomposite synthesis by EDTA and Chitosan functionalized magnetic graphene oxide for high removal of rhodamine B: Adsorption mechanism and separation property" [Chemosphere, 218 (2019) 715-725]. <i>Chemosphere</i> , 2019 , 233, 983-984	8.4	2
30	Effect of the reverse micelle and oil content in reverse micelle on nonlinear optical properties of Rhodamine B. <i>Journal of Molecular Structure</i> , 2019 , 1191, 237-243	3.4	7
29	Removal of Zwitterionic Rhodamine B Using Foam Separation. <i>Journal of Oleo Science</i> , 2020 , 69, 563-567 ^{1.6}		3

28	The Innovation Comes from the Sea: Chitosan and Alginate Hybrid Gels and Films as Sustainable Materials for Wastewater Remediation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
27	Effect of montmorillonite clay on the fluorescence resonance energy transfer between two cationic dyes Acridine Orange and Rhodamine B in solution. <i>Materials Today: Proceedings</i> , 2021 , 46, 6275-6285	1.4	14
26	Electron transfer reactions in rhodamine: Potential use in photodynamic therapy. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021 , 409, 113131	4.7	3
25	Optimization of Sibipiruna activated carbon preparation by simplex-centroid mixture design for simultaneous adsorption of rhodamine B and metformin. <i>Journal of Hazardous Materials</i> , 2021 , 411, 125166	12.8	15
24	Influence of solution electrical conductivity and ionic composition on the performance of a gas-liquid pulsed spark discharge reactor for water treatment. <i>Journal of Applied Physics</i> , 2021 , 130, 123301	2.5	1
23	ROS and GSH Dual-Responsive GEM Prodrug Micelles for ROS-Triggered Fluorescence Turn on Bioimaging and Cancer Therapy. <i>Advanced Materials Interfaces</i> , 2020 , 7, 2000294	4.6	3
22	Rhodamine Conjugated Gelatin Methacryloyl Nanoparticles for Stable Cell Imaging.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 6908-6918	4.1	5
21	Exciton Diffusion, Antenna Effect, and Quenching Defects in Superficially Dye-Doped Conjugated Polymer Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 23299-23312	3.8	0
20	Polymeric Langmuir-Blodgett films functionalized by pH-sensitive dyes. <i>Himia, Fizika Ta Tehnologija Poverhni</i> , 2020 , 11, 72-99	0.4	
19	Domination of methylene blue over rhodamine B during simultaneous photocatalytic degradation by TiO ₂ nanoparticles in an aqueous binary solution under UV irradiation. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 1	1.6	0
18	A Self-locked β-Cyclodextrin-rhodamine B Spirolactam with Photoswitching Properties. <i>Chemistry - an Asian Journal</i> , 2021 , 17, e202101282	4.5	
17	Stability of Rhodamine Lactone Cycle in Solutions: Chain-Ring Tautomerism, Acid-Base Equilibria, Interaction with Lewis Acids, and Fluorescence. <i>Colorants</i> , 2022 , 1, 58-90		0
16	Molecular diffusion in ternary poly(vinyl alcohol) solutions. <i>Frontiers of Chemical Science and Engineering</i> , 1	4.5	
15	Fluorescence spectroscopy based characterisation method for aggregation behaviour of rhodamine B (RhB) in water, ethanol, and propanol. <i>Laser Physics</i> , 2022 , 32, 075602	1.2	0
14	Studies related to changes in ionic strength due to addition of sodium chloride to an aqueous solution of cationic dye methylene blue (MB): Electronic spectra analysis for dimerization equilibria. <i>Journal of Molecular Liquids</i> , 2022 , 361, 119614	6	0
13	Performance Assessment and Optimization of Forward Osmosis-Low Pressure Ultrafiltration Hybrid System Using Machine Learning for Rhodamine B Removal. <i>SSRN Electronic Journal</i> ,	1	
12	β-MnO ₂ Nanowire Structure Obtained at Low Temperature with Aspects in Environmental Remediation and Sustainable Energy Applications. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 6821	2.6	
11	Dynamics and thermodynamics for competitive adsorptive removal of methylene blue and rhodamine B from binary aqueous solution onto durian rind. 2022 , 194,		0

- 10 Performance assessment and optimization of forward osmosis/low pressure ultrafiltration hybrid system using machine learning for rhodamine B removal. **2022**, 543, 116102 ○
- 9 Applications of Spectroscopic Techniques to the study of Monomer/Dimer Equilibria for Methylene Blue in Aqueous Solutions Containing Ionic Liquid: Probing the Structural Interactions Involving Water and Ionic Liquids. **2022**, 122058 ○
- 8 Ultrafast charge transfer dynamics of Rhodamine B with graphene oxide. 1
- 7 Construction of Z-scheme heterojunction based on BiOBr-nanoflakes embedded sulfonic-acid-functionalized g-C₃N₄ for enhanced photocatalytic removal of hazardous pollutants in aqueous media. **2023**, 142, 104637 ○
- 6 Fluorescent H-aggregates of pure rhodamine B (RhB) in glycerol, ethylene glycol, methanol and butanol under ambient condition. **2023**, 1275, 134606 ○
- 5 PHOTOCATALYTIC FOAMS FOR WATER TREATMENT: A SYSTEMATIC REVIEW AND META-ANALYSIS. **2022**, 109238 ○
- 4 Highly porous biobased graphene-like carbon adsorbent for dye removal: Preparation, adsorption mechanisms and optimization. **2023**, 11, 109278 ○
- 3 Numerical Simulation of The Spectroscopic Properties of The Laser Dye for Low Concentrations. **2022**, 33, 100-104 ○
- 2 Preparing a Ca-Bi-O System by the Precipitation Method and Studying Its Intermediate Structural Properties for Applications in Water Treatment. **2023**, 11, 79 ○
- 1 Highly bright full-color emission from dye-doped silica nanoparticles with prevention of dye self-quenching. **2023**, 139, 113803 ○