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Publications:

1. *Kinetics in microemulsion V. Glucose oxidase catalysed oxidation of β -D-glucose in aqueous, micellar and water-in-oil microemulsion media*; S. Gupta, **Lana Mukhopadhyay** and S.P. Moulik, *Ind. J. Biochem. Biophys.*, 2003, **40**, 340-349.
2. *Behaviour of acridine orange in aqueous and in water/AOT/decane w/o microemulsion medium in presence of additives*; S. Gupta, **Lana Mukhopadhyay**, *Ind. J. Chem.*, 1997, **36A**, 31-37.
3. *Thermodynamics of formation of biological microemulsions (with Cinnamic alcohol, aerosol OT, Tween 20 and water) and kinetics of alkaline fading of crystal violet in them*; **Lana Mukhopadhyay**, N. Mitra, P.K. Bhattacharya and S.P. Moulik, *J. Colloid. Interface Sci.*, 1997, **186**, 1-8.
4. *Biological microemulsion V: Mutual mixing of oils, amphiphiles and water in ternary and quaternary combinations*; N. Mitra, **Lana Mukhopadhyay**, P.K. Bhattacharya and S.P. Moulik, *Ind. J. Biochem. Biophys.*, 1996, **33**, 206-212.
5. *Activity of alkaline phosphatase in water-in-oil microemulsions containing vegetable oil*; S. Gupta, **Lana Mukhopadhyay** and S.P. Moulik, *Ind. J. Biochem. Biophys.*, 1995, **32**, 261-265.
6. *Kinetics in microemulsion medium. 4. Alkaline fading of crystal violet in aqueous (H_2O /Aerosol OT/Isooctane and H_2O /Aerosol OT/Decane) and Nonaqueous (Ethylene Glycol/Aerosol OT/Isooctane) Microemulsions*; **Lana Mukhopadhyay**, N. Mitra, P.K. Bhattacharya and S.P. Moulik, *Langmuir*, 1995, **11**, 2866-2871.
7. *Kinetics in microemulsion medium 2. Hydrolysis of p-nitrophenyl phosphate with Alkaline phosphate in w/o microemulsion medium using the surfactant AOT*; S. Gupta, **Lana Mukhopadhyay** and S.P. Moulik, *Colloids and Surfaces B: Biointerfaces*, 1994, **3**, 191-201.
8. *Biological Microemulsion: Part IV – Phase behaviour and Dynamics of microemulsions prepared with vegetable oils mixed with Aerosol-OT, Cinnamic alcohol and water*; N. Mitra, **Lana Mukhopadhyay**, P.K. Bhattacharya and S.P. Moulik, *Ind. J. Biochem. Biophys.*, 1994, **31**, 115-120.
9. *Effect of butanol and cholesterol on the conductance of AOT-aided Water/Xylene microemulsion*; **Lana Mukhopadhyay**, P.K. Bhattacharya and S.P. Moulik, *Ind. J. Chem.*, 1993, **32A**, 485-490.
10. *Surfactant stabilised colloidal cholesterol*; **Lana Mukhopadhyay**, P.K. Bhattacharya, A.R. Das and S.P. Moulik, *Colloid and Polymer Sc.*, 1993, **271**, 793-798.
11. *Additive effects on the percolation of water/AOT/Decane microemulsion with reference to the mechanism of conduction*; **Lana Mukhopadhyay**, P.K. Bhattacharya and S.P. Moulik, *Colloids and Surfaces*, 1990, **50**, 295-308.
12. *Thermodynamics of water induced precipitation of cholesterol and its acetate, benzoate and stearate derivatives dissolved in 1, 4-dioxane and 2-propanol*; **Lana Mukhopadhyay**, P.K. Bhattacharya and S.P. Moulik, *Ind. J. Biochem. Biophys.*, 1989, **26**, 340-342.
13. *Water-induced precipitation of cholesterol dissolved in organic solvents in the absence and presence of surfactants and salts*; *Ind. J. Biochem. Biophys.*, 1989, **26**, 178-185.