ANNEXURE- I

LIST OF PUBLICATIONS YEAR 1989 - 2020

PROF. KALLOL K. GHOSH
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1989

S.No.	TITLE	AUTHOR	JOURNAL	CITATION
1.	An Investigation into the Mechanism of Acid-Catalysed Hydrolysis of N-Benzylbenzohydroxamic Acid.	K.K. Ghosh, S.G. Tandon	*Bull. Chem. Soc., Japan,* **1989,** 62, 1304-1307.	08
	1991			
2.	Kinetic Solvent-Isotope Effect on Acid-Catalysed Hydrolysis of Hydroxamic Acids.	K.K. Ghosh, S.G. Tandon	*React. Kinet. Catal. Letter*. **1991,** 45, 79-84.	06
	1992			
3.	Kinetic Model for Acid-Catalysed Hydrolysis of Benzohydroxamic Acid.	K.K. Ghosh, K.K. Krishnani	*J. Phys. Org. Chem.*, **1992,** 5, 39-43.	18
	1993			
4.	Kinetic and Mechanistic Study of Acid-Catalysed Hydrolysis of m-Cl Benzohydroxamic Acid.	K.K.Ghosh, K. K. Krishnani, S.K. Rajput	*Indian J. Chem.*, **1993,** 32A, 139-142.	01

5.	Medium Effects in the Acid-Catalysed Hydrolysis of Benzohydroxamic Acid in Binary Aqueous Mixtures.	K.K. Ghosh, K.K. Krishnani	*React. Kinet. Catal. Letter*, **1993**, 49, 403-409.	03
6.	Kinetic Study of the Acid-Catalysed Hydrolysis of 4-Methoxy-benzohydroxamic Acid.	K.K.Ghosh, K. K. Krishnani, S.K. Rajput	*New J. Chem.* **1993,**17,363-365.	03
7.	Substitutent Effect on the Acid-Catalysed Hydrolysis of N-Phenylbenzohydroxamic Acid.	K.K. Ghosh, K.K. Krishnani	*J. Chem Research*, **1993,** 469 (S).	03
8.	Kinetic Solvent Deuterium Effect on Hydrolysis of Unsubstituted Hydroxamic Acid.	K.K. Ghosh, K.K. Krishnani	*J. Ravishankar University*, **1993,** 6B, 37-41.	-
	1994			
9.	Kinetic Salt Effects on the Acid-Catalysed Hydrolysis of Hydroxamic Acids.	K.K. Ghosh, K.K. Krishnani	*J. Ravishankar University*, **1994,** 7B, 1-8.	-
10.	Micellar Effects upon the Acidic Hydrolysis of Para Substituted N-Phenylbenzohydroxamic Acid.	K.K. Ghosh, S.K. Sar	*Indian J. Chemistry*, **1994,** 33A, 51-54.	03
11.	Acid-Catalysed Hydrolysis of N-Phenyl-4-substituted-benzohydroxamic Acids.	K. K. Ghosh, S. Ghosh	*J. Org. Chem.*, **1994,** 59, 1369-1374	23
12.	Kinetics and Mechanism of Alkaline Hydrolysis of Heterocyclic Hydroxamic Acid.	K.K. Ghosh, S. Ghosh	*Indian J. Chem.* **1994,** 33B, 1066-1096.	-
13.	Micellar Effects upon the Acid Hydrolysis of N-p-Chlorophenylbenzohydroxamic Acid	K.K. Ghosh, S.K. Sar	*J. Indian Chem. Soc.*, **1994,** 71,579-581.	*03*

	1995			
14.	Medium Effects on Alkaline Hydrolysis of N-Phenylbenzohydroxamic Acid.	K.K. Ghosh, S. Ghosh	*J. Indian Chem. Soc.*, **1995,** 72, 19-23.	05
15.	Kinetics of Alkaline Hydrolysis of N-Phenylbenzohydroxamic Acid.	K.K. Ghosh, S. Ghosh	*J. Indian Chem. Soc.*, **1995,** 72, 603-607.	
16.	Kinetic Studies of Alkaline Hydrolysis of N-Phenylbenzohydroxamic Acid in the Presence of Micelles.	K.K. Ghosh, S.K. Sar	*J. Indian Chem. Soc.*, **1995,** 72, 597-601.	*04*
17.	Excess Acidity Analysis for the Acidic Hydrolysis of Some para substituted N-benzylbenzohydroxamic Acid.	K.K. Ghosh, S. Ghosh	*Indian J. Chem.*, **1995,** 34B, 315-319.	-
	1996			
18.	Protonation Studies of Some N-Substituted Hydroxamic Acids.	K.K. Ghosh, S. Ghosh	*J. Indian Chem. Soc*., **1996,** 73, 79-81.	-
19.	Mineral Acid Catalysed Hydrolysis and Protonation Equilibria of Salicylhydroxamic Acid.	K. K. Ghosh, S. Ghosh, S.S. Thakur	*Indian J. Chemistry*, **1996,** 35B, 121-126.	-
20.	Micellar Catalyses in the Acidic Hydrolysis of Benzohydroxamic acid.	K.K. Ghosh, S. Roy	*J. Surf. Sci. & Technol*, **1996,** 10, 41-46.	-
21.	Mechanism of OH^- Promoted Hydrolysis of Acetohydroxamic Acid.	K. K. Ghosh, S.S. Thakur	*Indian J. Chemistry*, **1996,** 35B, 798-802.	*04*
22.	Kinetic and Spectroscopic Studies of Substituted N-Benzyl benzohydroxamic Acids.	K.K.Ghosh, S.K. Rajput, S. Ghosh	*J. Indian Chem. Soc.*, **1996,** 73, 540-541	01
23.	Kinetics and Mechanism of Mineral Acid Catalysed Hydrolysis of N-Methylbenzohydroxamic Acids.	K.K.Ghosh, S.K. Rajput, S. K. Sar	*J. Indian Chem. Soc.*, **1996,** 73, 684-686.	02

24.	Micellar Rate Effects on Alkaline Hydrolysis of Hydroxamic Acids.	K.K. Ghosh, S. Roy	*Bull. Chem. Soc., Japan*, **1996,** 69, 3417-3422.	07
25.	Micellar Hydrolysis of Hydroxamic Acid in Cationic Surfactants.	K.K. Ghosh, S. Roy	Proceed of National Conference on Colloids and Emulsions of Natural and Synthetic System (Feb. 2-4), **1996**, P.21, Tripura.	-
	1997			
26.	Effect of Micelles on Acidic Hydrolysis of N-Phenylbenzohydroxamic Acid.	K.K.Ghosh, S. K. Sar	*Reaction Kinetics & Catalysis Letter.*, **1997,** 61, 193-199.	01
27.	Bronsted Acid Catalysed Hydrolysis of N-p-Chlorophenyl Benzohydroxamic Acid.	K.K.Ghosh, S. K. Sar	*J. Indian Chem. Soc.*, **1997,** 74, 187-189.	03
28.	Spectrophotometric Determination of Vanadium (V) as Complex with PBHA in the Non-ionic Micellar Media	K.K.Ghosh, S. K. Sar, M. K. Deb	*J. Indian Chem. Soc.*, **1997,** 74, 662-663.	-
29.	Substituent Effects in the Micellar Hydrolysis of N-Phenylbenzo-hydroxamic Acid under Acidic Conditions.	K.K. Ghosh, S. Roy	*Indian J. Chemistry*, **1997,** 36B, 324-329.	05
30.	Kinetic and Mechnaistic Aspects of Acid Hydrolysis of Hydroxamic Acids. **(Review Article)**	K.K. Ghosh	*Indian J. Chemistry*, **1997,** 36B, 1089-1102.	27
	1998			
31.	Effect of Cationic and Non-ionic Surfactants upon the Acidic Hydrolysis of N-Benzylbenzohydroxamic Acid.	K.K.Ghosh, S. K. Sar	*J. Indian Chem. Soc.*, **1998,** 75, 39-41.	09

32.	Thermodynamics of Micelle Formation of Some Cationic Surfactants as a Function of Temperature and Solvent.	K.K. Ghosh, S. Roy	*Indian J. Chemistry*, **1998,** 37B, 875-880.	09
33.	Micellar Mediated Acid Hydrolysis of N-*p*-Tolylbenzohydroxamic Acid.	K.K. Ghosh, A. Pandey	*Indian J. Chemistry*, **1998,** 37A, 871-876.	03
34.	Kinetics of Alkaline Hydrolysis of N-p-Tolycinamohydroxamic Acid.	K. K. Ghosh, S.S. Thakur	*Indian J. Chemistry*, **1998,** 37A, 1016-1019.	01
		1999		
35.	Kinetics and Mechanism of Alkaline Hydrolysis of Hydroxamic Acids.	K. K. Ghosh, S.S. Thakur	*J. Indian Chem. Soc.*, **1999,** 76, 28-30.	02
36.	Kinetics of Alkaline Hydrolysis of Hydroxamic Acid in Mixed Micelles of Binary Surfactant Systems.	K.K. Ghosh, A. Pandey	*J. Indian Chem. Soc.*, **1999,** 76,191-194.	03
37.	Kinetic Solvent Effect on the Hydrolysis of the N-Benzylbenzohydroxamic Acid in Some Binary Aqueous Solvent Mixtures.	K.K.Ghosh	*J. Mol. Liquids* **1999,** 81, 135-145.	03
38.	Protonation Equilibrium of 4-Substituted Benzohydroxamic Acids in Mineral Acids.	K.K.Ghosh, P. Tamrakar, S.K. Rajput	*J. Org. Chem.* **1999,** 64, 3053-3059	10
39.	Effects of Reactive and Non-Reactive Counterion Surfactants Upon Acid Hydrolysis of Hydroxamic Acid.	K.K. Ghosh, A. Pandey, S. Roy	*J. Phys Org. Chem.* **1999,**12, 493-498	*07*
40.	Metal Complexation and DNA-Cleavage Activities of N-Substituted Hydroxamic Acids.	K.K. Ghosh, P. Tamrakar, V. R. Jadhav	*Indian J. of Chem.*, **1999,** 38A, 712-715.	01
41.	Effect of Solvents on the Kinetics and Mechanism of the Acidic and Alkaline	K.K.Ghosh, K.K. Krishnani S. Ghosh	*Indian J. of Chem.*, **1999,** 38B, 337-342.	01

42.	Kinetic Effects of Surfactant/Polymer Mixtures Upon Acidic Hydrolysis of Hydroxamic Acids.	K.K. Ghosh A. Pandey	*J. Dispersion Sci. Technol* **1999,** 20, 1635-1646.	02
43.	Spectrophotometric Determination of Arsenic, Antimony and Bismuth with Iodide and TX-100 in Tank and Inustrial Waste Waters. Iodide and TX-100 in Tank and Inustrial	S. Roy, M. K. Deb, K. K. Ghosh	*Indian J. Environmental Protection* **1999,** 19, 822-827.	01
		2000		
44.	Micellar Kinetics of Hydrolysis of Hydroxamic Acids in Zwitterionic Sulfobetaine Surfactants.	K.K. Ghosh, A. Pandey, S. Roy	*Colloid Surf. A:Physicochem. Eng. Aspects* **2000**, 163, 293-300.	17
45.	Acidic Hydrolysis of Hydroxamic Acids in Mixed Cationic-cationic, Cationic-Nonionic and Anionic-Nonionic Micelles	K.K. Ghosh, A. Pandey	*Indian J. Chem. Sect. "B"* **2000**, 39B, 509-516.	02
		2001		
46.	Protonation Study of Cyclic Hydroxamic Acid.	K.K. Ghosh, P. Tamrakar	*Indian J. Chem.* **2001**, 40A, 524-527.	01
47.	Chemical Reactivity of Desferrioxamine Mesylate Modulated by Micellar Solutions.	K.K. Ghosh, L. K. Tiwary	*Indian J. Chem.* **2001**, 40A, 74-78.	02
48.	Solvatochromic Parameters and Linear Solvation Energy Relationships for Hydrolysis of Hydroxamic Acid.	K.K. Ghosh, P. Tamrakar, S.S. Thakur	*Indian J. Chem.* **2001**, 40A, 340-344.	03

49.	Kinetics and Mechanism of the Hydrolysis of Hydroxamate Siderophore	K.K. Ghosh, S.S. Thakur	*J. of Indian Chemical Society.* **2001**, 78, 185-188.	03
50.	Microemulsions as Reaction Media for a Hydrolysis Reaction.	K. K. Ghosh, L.K. Tiwary	*J. Dispersion Sci. Technol.* **2001**, 22, 343-348.	19
51.	Effect of Cationic Surfactants on the Alkaline Hydrolysis of Desferal.	K. K. Ghosh, L.K. Tiwary	*J. Surf. Sci. Technol.* **2001**, 17, 109-115.	-

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52.	An Extremely High Insulin-Mimetic Activity of Bis (1,4-dihydro-2-Methyl-1-phenyl-4- thioxo-3-pyridinolato) zinc (II) complex.	A. Katoh, T. Tsukahara, R. Saito, K. K. Ghosh, Y. Yoshikawa, Y. Kojima, A. Tamura, H. Sakurai	*Chemistry Letters*, **2002**, 114-115.	23
53.	Microbial Growth-Promotion Activity of 3- Hydroxymonoazine and N-Hydroxydiazine type Heterocyles	R. Saito, K.K. Ghosh K.Harada, A. Katoh	*Yakugaku Zasshi (Pharmaceutical Society of Japan),* **2002**, 122, 703-705.	03
54.	Kinetic Solvent Effects on Reaction Rates for The Acidic Hydrolysis of Dihydroxamic-Acid.	K.K. Ghosh, S.K. Patle	*Indian J. Chem.* **2002**, 41A, 758-762.	03
55.	Base-Catalysed Reaction of Acetohydroxamic Acid in Micellar Media Containing β-Cyclodextrin.	K. K. Ghosh, P.Sharma	*J. Indian Chemical Society*, **2002**, 79, 895-897.	03
56.	Cyclodextrin-Surfactant Mediated Reactions	K.K. Ghosh, P.Sharma	*J. Surf. Sci. Technol.,* **2002**, 18, 93-99.	03

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57.	Influence of Sodium Bis (2 Ethyl-1-Hexyl) Sulfosuccinate/ isooctane/ water Microemulsions on the Hydrolysis of Salicylhydroxamic Acid.	K.K. Ghosh, L.K. Tiwary	*Journal Mol. Liquids*, **2003**, 102, 183-195.	08
58.	A Comparison Between the Acid Catalysed Reactions of some Dihydroxamic Acids, Monohydroxamic Acids and Desferal.	K.K. Ghosh, S.K.Patle, P. Sharma, S.K. Rajput	*Bull,Chem.Soc. Japan*, **2003**, 76, 283-290.	12
59.	Spectrophotometric Determination of Protonation Constant of N-Phenylbenzohydroxamic Acid in Mineral Acids.	K.K. Ghosh, P.Tamrakar	*Indian J. Chemistry*, **2003**,42A,1081-1085.	-
60.	Linear Free Energy Relationships in the Protonation Equilibria and Acid-Base Catalysed Reaction of 4-Substituted Benzohydroxamic Acids.	K.K.Ghosh, P.Tamrakar	*Z-Phys. Chem*, **2003,** 217, 1153-1168.	02
61.	Acid-Base Equilibria of Hydroxamic Acids: Spectroscopic Investigations (**Review Article)**	K.K.Ghosh	*Indian J. Chem,* **2003**, 42A, 2683-2697.	01
62.	Reactivities of Hydroxamic Acid in Surfactant-Poly (ethylene glycol) Couples	K.K. Ghosh, P. Sharma	*Colloids & Surfaces A,* **2003**, 231, 113	10
63.	Micellar Effects upon the Reaction of p-Nitrophenyl Acetate with N-Hydroxy Amides.	K.K. Ghosh, D. Sinha, M. L. Satnami	*J.Surface Sci. Technol.,* **2003**, 19, 159-16	03

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64.	Kinetics and Mechanism of the Mineral Acid Catalyzed Reactions of Hydroxamic Acids.	K.K. Ghosh, J. Vaidya, D. Sinha	*Z. Phys. Chem.,* **2004**, 218, 563-573	05
65.	Dephosphorylation of Paraoxon by Hydroxamate ions in Micellar Media.	K.K. Ghosh, M.L. Satnami, D.Sinha	*Tetrahedron Letters.,* **2004**, 45, 9103-9105	38
66.	α-Effect of Hydroxamate-ions in Micellar Mediated Reactions of *p*-Nitrophenyl acetate.	K.K. Ghosh, Y. Simanenko, M. L. Satnami, S. K. Sar.	*Indian J. Chem*., **2004**, 43B, 1990-1994.	15
67.	O-Nucleophilicity of Hydroxamate Ions in Reactions with Ethyl 4-Nitrophenyl Ethylphosphonate, Diethyl 4-Nitrophenyl phosphate and 4-Nitrophenyl 4-Toluene- sulfonate	Y. S. Simanenko, T. M. Prokop'eva, A. F. Popov, C.A. Bunton, E. A. Karpichev,V. A. Savelova, K. K. Ghosh	*Russ. J. Org. Chem*., **2004**, 40, 1337-1350	20
68.	Kinetic Studies on the Catalyzed Reaction of Hydroxamic Acids in β-Cyclodextrin/Surfactant Mixed Systems	K.K. Ghosh, P. Sharma, S. Tamrakar, S. K. Sar	*React. Kinet. Catal. Lett.,* **2004**, 81, 161-168.	*07*

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69.	Spectrophotometric Study of the Interaction of *β*-Cyclodextrin with Hydroxamic Acids.	K. K. Ghosh P. Sharma	*J. Dispersion Sci. Technol.,* **2005**, 26, 723-728	08
70.	Solvent Effects on the Nucleophilic Substitution Reactions of *p*-Nitrophenyl Acetate with Hydroxamate ions	K.K. Ghosh, M.L.Satnami, D.Sinha, J.Vaidya	*J. Mol. Liquids,* **2005**, 116, 55-60	15

71.	Nucleophilic Dephosphorylation of *p*-Nitrophenyl Diphenyl Phosphate in Cationic Micellar Media	K. K. Ghosh, D. Sinha, M. L. Satnami, D. K. Dubey, P. R. Dafonte, G. L. Mundhara	*Langmuir*, **2005**, 21, 8664.	61
72.	Solution Properties of Cationic and Anionic Surfactants: Effect of Solvents and Polymers	K. K. Ghosh J. Vaidya, S. Bal	*J. Indian Chem. Soc.*, **2005**, 82,743-745	03

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73.	The α-Effect in Micelles: Nucleophilic Substitution Reaction of *p*-Nitrophenyl Acetate with N-phenylbenzohydroxamate Ion.	K. K. Ghosh, J. Vaidya M. L. Satnami	*Int. J. Chem. Kinet*., **2006**, 38, 26-31	23
74.	Reactivity and Mechanistic Studies of Base Catalysed Reactions of Some Dihydroxamic Acids	K.K. Ghosh, S.K.Patle S.S. Thakur	*Chem. Eng. Commun.*, **2006**, 193, 363-369	-
75.	Studies of Nucleophilic Substitution Reactions of *p*-Nitrophenyl Acetate with some Dihydroxamate Ions in Cationic Micellar Media	K. K. Ghosh, S. Bal, M. L Satnami, R. Palepu	*J. Dispersion Sci. Technol.*, **2006,** 27**,** 349-355	05
76.	Kinetic Study of Hydrolytic Decomposition of Organophosphates and Thio- phosphates by N-Hydro-xyamides in Cationic Micellar Media.	K. K. Ghosh, D. Sinha, M. L. Satnami, A. K. Shrivastava D. K. Dubey, G. L. Mundhara	*Indian J. Chem.*, **2006,** 45B, 726-730	04

77.	Nucleophilic Substitution Reactions of Carboxylate and Phosphate Esters with Hydroxamate Ions in Microemulsions.	K. K. Ghosh, M. L. Satnami	*Colloids & Surfaces A: Physicochem. Chem. Eng. Aspects.* **2006,** 274, 125-129	20
78.	Kinetics of the Reaction of Methyl 4-Nitrobenzenesulfonate + Br^- in Ethanol Amine Based Surfactants	M. M. Mohareb, K. K. Ghosh, R. M. Palepu	*Int. J. Chem. Kinet.* **2006**, 38, 303-308	07
79.	S_N2 Reaction of a Sulfonate Ester in the Presence of Alkyltriphenyl-Phosphonium Bromides and Mixed Cationic-Cationic Systems.	M. M. Mohareb, K. K. Ghosh, G. Orlova, R. M. Palepu	*J. Phys. Org. Chem.,* **2006**, 19, 281-290.	16
80.	Enhanced Nucleophilic Reactivity of Hydroxamate Ions in Some Novel Micellar Systems for the Cleavage of Parathion	K. K. Ghosh, D. Sinha, M. L. Satnami, D. K. Dubey, A. Shrivastava, R. Palepu, P.Dafonte	*J. Colloid & Interface Sci.,* **2006,** 301, 564-568	24
81.	Catalytic Cleavage of p-Nitrophenyl Diphenyl Phosphinate by Hydroxamate Ion	S. Bal, S. Kolay, A.Shrivastava, D.K. Dubey, K. K. Ghosh	*Indian J. Chem*., **2006**, 45A, 1825-1830	01
82.	Effect of polymer and surfactant-polymer couples on the acid-catalyst hydrolysis of phenyl urea.	S. K. Sar, R. Mandavi, P. K. Pandey, K. K. Ghosh	*J. desp.Sci. technol.,* **2006,** *27, 435-438*	03

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82.	Kinetics of Reaction of Oximate α-Nucleophiles with *p*-Nitrophenyl	K.K.Ghosh, S.Kolay, M.L.Satnami,	*J. Dispersion Sci. Technol.,* **2007** , 28,	06

	Acetate in Alkyltriphenyl-Phosphonium bromide Micelles	S.Moore, R.Palepu, P.R.Dafonte	213-218	
83.	Alkyl Triphenylphosphonium Bromide Surfactant Mediated Reactions of *p*-Nitrophenyl Acetate	S.Moore, R. M. Palepu, S. Bal, K. K. Ghosh, P.R.Dafonte	*Tenside Surfactant Detergents,* **2007**,44,176-181	04
84.	Kinetic Studies of Micelle Assisted Reaction of *p*-Nitrophenyl Acetate with Benzohydroxamate Ion in Water-Ethylene glycol Mixtures.	S. Bal, M. L.Satnami, S. Kolay, R. M. Palepu, P. R. Dafonte, K.K.Ghosh	*J. Surface Sci. Technol.,* **2007**, 23, 33-48.	09
85.	Determination of pK_a's of Hydroxamic Acids by Nucleophilic Substitution Reaction	K. K. Ghosh A.Shrivastava,	*Indian J. Chem.-A,* **2007**, 46 A, 1630-1634	05

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86.	Micellization of Alkyltriphenyl-phosphonium Bromides in Ethylene Glycol And Diethylene Glycol – Water Mixtures : Thermodynamic And Kinetic Investigation	S.Kolay, K.K. Ghosh, A. Mac Donald, J. Moulins, R. M. Palepu	*J. Solution Chemistry,* **2008**, 37, 59-72.	22
87.	Micellization of Cetyltriphenyl-phosphonium bromide Surfactant in Binary Aqueous Solvents	K. K. Ghosh, A. Shrivastava	*J. Surfactant Detergents,* **2008**, 11, 287-292	21
88.	Preparation of Ag Nanoparticles in Surfactant Solution	K.K.Ghosh, S.Kolay	*J. Dispersion Sci. Technol.,* **2008**, 29, 676-681.	09
89.	Effect of Cationic Gemini Surfactants on the Hydrolysis of Carboxylate and Phosphate Esters using Hydroxamate ions	K.K. Ghosh, S.Kolay, S. Bal, M.L. Satnami, P. Quagliotto, P. R. Dafonte	*Colloid Polymer Science,* **2008**, 286, 293-303.	25

90.	Micellar Effects on Hydrolysis of Parathion	A. Shrivastava , K. K. Ghosh	*J. Dispersion Sci.Tech*., **2008**, 29, 1381-1384.	01
91.	Comparative Nucleophilic Reactivities in Carboxylate, Phosphinate and Thiophosphate Esters Cleavage	K. K. Ghosh, S. Bal, S. Kolay, A. Shrivastava	*J. Phys. Org. Chem*., **2008**, 21, 492-497.	08
92.	Solvent Effect on The α-Effect for Reaction of *p*-Nitrophenyl Diphenyl Phosphinate with N-Methyl 4-Methoxy Benzohydroxamic Acid	A. Shrivastava , K. K. Ghosh	*J Mol. Liquids*, **2008**, 141, 99-101.	13
93.	Micellar Properties of Benzyldimethyl-Dodecylammonium Bromide In Aquo-Organic Solvent Media.	K. K. Ghosh, V. Baghel	*Indian J. Chem.* **2008**, 47 A, 1230-1233	14
94.	Micellization of Cetyltributyl-Phosphonium Bromide In Some Binary Aqueous Solvents Mixtures	S. Tiwari, K. K. Ghosh	*Tensides Surfact.Det.*, **2008,** 11, 287-292.	05
95.	Kinetics of α-Chymotrypsin Catalyzed Hydrolysis of 4- Nitrophenyl Acetate in Ethanolamine Surfactants	K. K Ghosh, S. K. Verma	*Indian J. Biochem. Biophys.,* **2008,**	17

2009

96.	Kinetic Study of the Reactions of *p*-Nitrophenyl Acetate and *p*-Nitrophenyl Benzoate with Oximate Nucleophiles	S. Tiwari, S. Kolay, K. K. Ghosh, K. Kuca, J. Marek	*Int. J. Chem. Kinetics*, **2009,** 41, 57-64.	20
97.	Effects of Head Group of Cationic Surfactants on The Hydrolysis of *P*-Nitrophenyl Acetate Catalyzed by α-Chymotrypsin	K. K. Ghosh, S. K. Verma	*Int. J. Chem. Kinetics*, **2009**, 41, 377-381	21

98.	Micellization Behaviour Of [C_{16}-12-C_{16}], 2Br^- Gemini Surfactant in Binary Aqueous-Solvent Mixtures	S.Kolay, K.K. Ghosh, P. Quagliotto	*Colloids Surf. A: Physicochem. Eng. Aspects,* **2009**, 348, 234-239	31
99.	Comparative Study of Nucleophilic Efficacy of Pralidoxime iowards Phosphorus, Sulfur and Thiophosphorus Based Esters	S. Tiwari, K. K. Ghosh, J. Marek, K. Kuca	*Reaction Kinetics Catalysis Letters* **2009**, 98, 91-97	11
100.	Micellization Behavior Of [C_{16}-4-C_{16}], 2Br^- Gemini Surfactant in Binary Aqueous-Solvent Mixtures	D. Tikariha, K. K. Ghosh, P. Quagliotto	*Indian J. Chemistry,* **2009,** 48A, 1522-1526	33

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101.	Functionalized Surfactant Mediated Reactions of Carboxylate, Phosphate and Sulphonate Esters	S. Tiwari, K. K. Ghosh, J. Marek, K. Kuca	*J. Phys. Org. Chem*. **2010,** 23, 519-525.	25
102.	Spectrophotometric Determination of the Acidity Constants of Some Oxime Based α-Nucleophiles	S.Tiwari, K. K. Ghosh, J. Marek, K. Kuca	*J. Chem. Eng. Data.* **2010,** 55, 1153-1157.	16
103.	Micellization of Cetyldiethylethanol Ammonium Bromide in Mixed Aqueous Organic Solvents	D. Tikariha, K. K. Ghosh	*J. Disp. Sci. Technol.* **2010,** 31, 1249-1253.	9
104.	Micellization of Gemini Surfactants in Polymer Solutions	D. Tikariha, K. K. Ghosh, P. Quagliotto	*Tensides Surfact. Det.* **2010,** 47, 162-167.	05
105.	Cationic Micellar Catalyzed Hydrolysis of Pesticide Fenitrothion using α-Nucleophiles.	S. Tiwari, K. K. Ghosh J. Marek, K. Kuca	*Lett Drug Des Discov.,* **2010**, 7, 194-199.	17
106.	Oxime K027-Novel Candidate for the Universal Reactivator of Nerve Agent and Pesticides Inhibited	K. Kuca, K. Musilck, D. Jun, M. Pohanka, K. K. Ghosh, M.	*J. Enzyme Inhibition Med.Chem.*, **2010,** 25, 509-512.	24

	Acetylcholinsterase.	Hrabinova		
107.	Mixed Micellar Properties of Cationic Monomeric and Gemini Surfactants.	D. Tikariha, K. K. Ghosh, P. Quagliotto, S. Ghosh	*J. Chem. Eng. Data* **2010**, 55, 4162-4167	33
108.	α-Chymotrypsin Catalyzed Hydrolysis of *P*-Nitrophenyl Acetate in Cationic Microemulsions.	S. K. Verma and K. K Ghosh	*Colloids Suf A: Physico. Eng. Asp.* **2010,** 368, 154-158.	10
109.	Catalytic Activity Of Enzyme in Water/Organic Cosolvent Mixtures for the Hydrolysis of *P*-Nitrophenyl Acetate and *P*-Nitrophenyl Benzoate	S. K. Verma and K. K Ghosh	*Indian J. Chem.* **2010,** 49A (8), 1041-1046	14
110.	Nucleophilic Attack of Salicyl-hydroxamate Ion at C=O and P=O Centre in Cationic Micellar media	M. L. Satnami, S. Dhritlahre, R. Nagwanshi, I. Karbhal, K.K. Ghosh, F. Nome	*J. Phys. Chem. B,* **2010**, 114, 16759-16765	18
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