Annexure- I

list of publications year 1989 - 2019

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**1989**

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| **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 |
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| 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 |
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| 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 |
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| 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. | *-* |
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| 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 K. K. Ghosh Journal of Organic Chemistry, of N-Phenyl-4-substituted- S. Ghosh **1994,** 59, 1369-1374benzohydroxamic 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* |
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| 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. | *-* |
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| 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. | *-* |
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| 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. | *-* |
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| 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 |
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| 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 |
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| 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 |
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| 34. | Kinetics of Alkaline Hydrolysis of N-p-Tolycinamohydroxamic Acid. | K. K. Ghosh,S.S. Thakur | *Indian J. Chemistry,***1998,** 37A, 1016-1019. | 01 |
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| 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 |
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| 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 |
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| 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 |
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| 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 |
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| 53. | Microbial Growth-Promotion Activity of 3- Hydroxymonoazine and N-Hydroxydiazine type Heterocyles | R. Saito, K.K. GhoshK.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 |
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| 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 |
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| 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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| 66. | -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 |
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| 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 |
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| 79. | SN2 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 |
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| 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 |

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| 98. | Micellization Behaviour Of [C16-12-C16], 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 |
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