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 |
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| 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 K. K. Ghosh Journal of Organic Chemistry,  of N-Phenyl-4-substituted- S. Ghosh **1994,** 59, 1369-1374  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* |
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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 |
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| 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* |
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| 18. | | Protonation Studies of Some N-Substituted Hydroxamic Acids. | | K.K. Ghosh,  S. Ghosh | *J. Indian Chem. Soc*.,  **1996,** 73, 79-81. | *-* |
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| 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* |
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| 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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| 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. | - |
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| 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 |
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| 41. | | Effect of Solvents on the Kinetics and Mechanism of the Acidic and Alkaline Hydrolysis of Hydroxamic Acids. | | 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 |
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| 46. | Protonation Study of Cyclic Hydroxamic Acid. | | K.K. Ghosh,  P. Tamrakar | | *Indian J. Chem.*  **2001**, 40A, 524-527. | 01 |
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| 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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| 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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| 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 |
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| 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 | - |
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| 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 |
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| 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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| 88. | Preparation of Ag Nanoparticles in Surfactant Solution | K.K.Ghosh, S.Kolay | *J. Dispersion Sci. Technol.,* **2008**, 29, 676-681. | 09 |
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| 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 |
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