

Department of Chemistry

Dr. Mohammad Sayed Alam, Professor

1. Molecular structure, spectral (FT-IR, FT-Raman, Uv-Vis, and fluorescent) properties and quantum chemical analyses of azomethine derivative of 4-aminoantipyrine
Alam M. S., Lee D-U.-
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2. Synthesis, biological evaluation and molecular docking study of cyclic diarylheptanoids as potential anticancer therapeutics
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3. Synthesis, reactions and medicinal importance of cyclic sulfone Derivatives: a review
Alam M. A., Shimada K., Jahan A., Khan M. W., Bhuiyan M. M. H., **Alam M. S.**, Matin M. M.
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4. Linear diarylheptanoids as potential anticancer therapeutics: synthesis, biological evaluation, and structure–activity relationship studies
Motiur Rahman A. F. M., Lu Y., Lee H.-J., Jo H., Yin W., **Alam M. S.**, Cha H., Kadi A. A., Kwon Y., Jahng Y.-Arch
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13. Syntheses, crystal structure, Hirshfeld surfaces, fluorescence properties, and DFT analysis of benzoic acid hydrazone Schiff bases
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Professor Dr. Shamsun Naher

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Dr. Abul Kalam Md. Lutfor Rahman, Professor

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Prof. Dr. Md. Aminul Haque

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Dr. Mohammad Mostafizur Rahman, Professor

- Purity analysis of commercially available brands of carbofuran in Gazipur district, Bangladesh
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Dr. A. J Saleh Ahammad, Associate Professor

- Green synthesis of gold and silver nanoparticles by using *Amorphophallus paeoniifolius* tuber extract and evaluation of their antibacterial activity
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- A. J. Saleh Ahammad**, M. K. Alam, T. Islam, M. M. Hasan, R. Karim, A. N. Anju, M. N. I. Mozumder
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4. Hollow reticular shaped highly ordered rice husk carbon for the simultaneous determination of dopamine and uric acid
M. A. Haque, M. M. Hasan, T. Islam, M. A. Razzak, N. H. Alharthi, Abdullah Sindan, Mohammad R. Karim, Shaik Inayath Basha, Md. Abdul Aziz and **A. J. Saleh Ahammad**
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