

# Md Imam Uddin

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

483  
citations

623734

14  
h-index

677142

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

827  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Applications of Azo-Based Probes for Imaging Retinal Hypoxia. ACS Medicinal Chemistry Letters, 2015, 6, 445-449.   | 2.8 | 59        |
| 2  | Synthesis and Structure–Activity Relationships of 5,6,7-Substituted Pyrazolopyrimidines: Discovery of a Novel TSPO PET Ligand for Cancer Imaging. Journal of Medicinal Chemistry, 2013, 56, 3429-3433.                                   | 6.4 | 42        |
| 3  | Synthesis and antimalarial activity of prodigiosenes. Organic and Biomolecular Chemistry, 2014, 12, 4132.  | 2.8 | 40        |
| 4  | A novel design of roof-shaped anthracene-fused chiral prolines as organocatalysts for asymmetric Mannich reactions. Tetrahedron: Asymmetry, 2006, 17, 2963-2969.   | 1.8 | 38        |
| 5  | Synthetic prodigiosenes and the influence of C-ring substitution on DNA cleavage, transmembrane chloride transport and basicity. Organic and Biomolecular Chemistry, 2013, 11, 3834.   | 2.8 | 38        |
| 6  | Molecular Probes for Imaging of Hypoxia in the Retina. Bioconjugate Chemistry, 2014, 25, 2030-2037.  | 3.6 | 38        |
| 7  | Antimicrobial activity of non-natural prodigiosenes. RSC Advances, 2013, 3, 22967.   | 3.6 | 25        |
| 8  | <sup>18</sup> F-Fluorothymidine PET Predicts Response to <sup>V600E</sup> BRAF-Targeted Therapy in Preclinical Models of Colorectal Cancer. Journal of Nuclear Medicine, 2013, 54, 424-430.  | 5.0 | 25        |
| 9  | In Vivo Imaging of Retinal Hypoxia in a Model of Oxygen-Induced Retinopathy. Scientific Reports, 2016, 6, 31011.   | 3.3 | 22        |
| 10 | Microwave-assisted and Ln(OTf) <sub>3</sub> -catalyzed homo-conjugate addition of N-heteroaromatics to activated cyclopropane derivatives. Tetrahedron Letters, 2008, 49, 5867-5870.   | 1.4 | 18        |
| 11 | Rapid, microwave-assisted organic synthesis of selective <sup>V600E</sup> BRAF inhibitors for preclinical cancer research. Tetrahedron Letters, 2012, 53, 4161-4165.   | 1.4 | 18        |
| 12 | Synthesis of heteroleptic pyrrolide/bipyridyl complexes of ruthenium(II). Canadian Journal of Chemistry, 2012, 90, 693-700.  | 1.1 | 15        |
| 13 | Synthesis and biological evaluation of prodigiosene conjugates of porphyrin, estrone and 4-hydroxytamoxifen. Bioorganic and Medicinal Chemistry, 2013, 21, 5995-6002.  | 3.0 | 15        |
| 14 | Real-time imaging of VCAM-1 mRNA in TNF- $\alpha$ activated retinal microvascular endothelial cells using antisense hairpin-DNA functionalized gold nanoparticles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 63-71. | 3.3 | 14        |
| 15 | In Vivo Imaging of Retinal Hypoxia Using HYPOX-4-Dependent Fluorescence in a Mouse Model of Laser-Induced Retinal Vein Occlusion (RVO)., 2017, 58, 3818.   |     | 11        |
| 16 | Nanoengineering of therapeutics for retinal vascular disease. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 95, 323-330.   | 4.3 | 10        |
| 17 | Targeted Imaging of VCAM-1 mRNA in a Mouse Model of Laser-Induced Choroidal Neovascularization Using Antisense Hairpin-DNA-Functionalized Gold-Nanoparticles. Molecular Pharmaceutics, 2018, 15, 5514-5520.                              | 4.6 | 10        |
| 18 | Discovery of Furanone-Based Radiopharmaceuticals for Diagnostic Targeting of COX-1 in Ovarian Cancer. ACS Omega, 2019, 4, 9251-9261.   | 3.5 | 10        |

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|----|--|-----|-----------|
| 19 | Microwave-assisted, one-pot reaction of 7-azaindoles and aldehydes: a facile route to novel di-7-azaindolylmethanes. <i>Tetrahedron Letters</i> , 2014, 55, 169-173.                 | 1.4 | 9         |
| 20 | A Novel Method for the High-Pressure-Promoted, Uncatalyzed Aza-Michael Reaction of Nitrogen Heterocycles with Enones in Water. <i>Synlett</i> , 2008, 2008, 1402-1406.               | 1.8 | 8         |
| 21 | Improved Synthetic Route to C-Ring Ester-Functionalized Prodigiosenes. <i>Synlett</i> , 2010, 2010, 2561-2564.   | 1.8 | 5         |
| 22 | Synthesis of prodigiosene-estrogen conjugates: optimization of protecting group strategies and anticancer properties. <i>Canadian Journal of Chemistry</i> , 2015, 93, 526-535.      | 1.1 | 5         |
| 23 | Visualizing HIF-1 $\beta$ mRNA in a Subpopulation of Bone Marrow-Derived Cells to Predict Retinal Neovascularization. <i>ACS Chemical Biology</i> , 2020, 15, 3004-3012.             | 3.4 | 4         |
| 24 | Synthesis and preliminary evaluation of brominated 5-methyl-2,4-dihydropyrazol-3-one and its derivatives as cytotoxic agents. <i>Bangladesh Journal of Pharmacology</i> , 2008, 3, . | 0.4 | 3         |
| 25 | A novel method for visualizing and tracking endogenous mRNA in a specific cell population in pathological neovascularization. <i>Scientific Reports</i> , 2021, 11, 2565.            | 3.3 | 1         |