



डॉ अरुण बंद्योपाध्याय, एफएनएससी, एफएससीट  
निदेशक

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To,  
The SUN PHARMA Science Foundation  
Research Award 2021

Category of the award: Pharmaceutical Sciences' for Design and Development of New Drug

Citation of the last five Years of independent research work carried out by Dr. Arindam Talukdar, Principal Scientist at CSIR-Indian Institute of Chemical Biology (IICB), Kolkata

Cited Papers	Authors who cited	Year	Name of Journal	Volume	Page no.
<b>Kundu B et al., J Med Chem, 2019; Total Citations: 27; Listed: 2</b>					
Copper(I)-Catalyzed Nitrile-Addition/N-Arylation Ring-Closure Cascade: Synthesis of 5,11-Dihydro-6H-indolo[3,2-c]quinolin-6-ones as Potent Topoisomerase-I Inhibitors	Wen-Yun Hsueh	2021	Journal of Medicinal Chemistry	64	1435-1453
Design and synthesis of novel conformationally constrained 7,12-dihydrodibenzo[b,h][1,6] naphthyridine and 7H-Chromeno[3,2-c] quinoline derivatives as topoisomerase I inhibitors: In vitro screening, molecular docking and ADME predictions.	Ramakant A. Kardile	2021	Bioorganic Chemistry	115	105174
<b>Mukherjee A et al., J Med Chem, 2020; Total Citations: 5; Listed: 2</b>					
Small molecule approaches to treat autoimmune and inflammatory diseases (Part II): Nucleic acid sensing antagonists and inhibitors	Xiaoqing Wang et al.	2021	Bioorganic & Medicinal Chemistry Letters	44	128101
Into the Fray! A Beginner's Guide to Medicinal Chemistry.	Clinton G. L. Veale et al.	2021	ChemMedChem	16	1199-1225
<b>Kundu B et al., J Med Chem, 2021; Total Citations: 0; Listed: 0</b>					
<b>Paul B et al., E. J Med Chem, 2018; Total Citations: 7; Listed: 2</b>					
Modulation of the Innate Immune Response by Targeting Toll-like Receptors: A Perspective on Their Agonists and Antagonists	Stefano Federico	2020	Journal of Medicinal Chemistry	63	13466-13513
Role of ginkgolides in inflammatory immune response of neurological diseases: a review of current literatures	Chunrong Li et al	2020	Frontiers in systems neuroscience	14	1-11
<b>Roy S et al., E. J Med Chem, 2017; Total Citations: 6; Listed: 1</b>					
Recent advance in oxazole-based medicinal chemistry	HZ Zhang	2018	Eur J Medicinal Chemistry	144	444-492
<b>Pal S et al., E. J Med Chem, 2021; Total Citations: 2; Listed: 1</b>					
Synthesis & Structure-Photophysics Evaluation on 2-N-Aminoquinazolines-Small-Molecule Fluorophores for Solution and Solid State	Miho Motoyama	2021	Chemistry- An Asian Journal	16	2087-2099

<b>Kundu B et al., E. J Med Chem, 2020; Total Citations: 1; Listed: 1</b>					
Quinoline anticancer agents active on DNA and DNA-interacting proteins: from classical to emerging therapeutic targets	A Lauria	2021	European Journal of Medicinal Chemistry	220	113555
<b>Pal S et al., Computational and Structural Biotechnology Journal 2019; Total Citations: 47; Listed: 2</b>					
Identification of potential leukocyte antigen-related protein (PTP-LAR) inhibitors through 3D QSAR pharmacophore-based virtual screening and molecular dynamics simulation	Shan Du et al	2020	J Biomol Struct Dyn	38	4232-4245
Structure-based drug design of peroxisome proliferator-activated receptor gamma inhibitors: ferulic acid and derivatives	R Senthil et al	2021	Journal of Biomolecular Structure and Dynamics	39	1295-1311
<b>Mukherjee A et al ACS Omega 2019; Total Citations: 9; Listed: 2</b>					
Quercetin nanoformulations: a promising strategy for tumor therapy	Xinlong Zang	2021	Food & Function	12	6664-6681
Design and optimization of quercetin-based functional foods.	Wing-Fu La	2021	Critical Reviews in Food Science and Nutrition	17	1-17

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