

Gulraiz Ahmad

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis of Functionalized Thiophene Based Pyrazole Amides via Various Catalytic Approaches: Structural Features through Computational Applications and Nonlinear Optical Properties. <i>Molecules</i> , 2022, 27, 360.	3.8	10
2	Synthesis of Functionalized N-(4-Bromophenyl)furan-2-carboxamides via Suzuki-Miyaura Cross-Coupling: Anti-Bacterial Activities against Clinically Isolated Drug Resistant <i>A. baumannii</i> , <i>K. pneumoniae</i> , <i>E. cloacae</i> and MRSA and Its Validation via a Computational Approach. <i>Pharmaceuticals</i> , 2022, 15, 841.	3.8	2
3	Facile synthesis of 4-aryl-N-(5-methyl-1H-pyrazol-3-yl)benzamides via Suzuki Miyaura reaction: Antibacterial activity against clinically isolated NDM-1-positive bacteria and their Docking Studies. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103270.	4.9	20
4	N-((1,1-Biaryl)-4-yl)-1-naphthamide based scaffolds synthesis, their cheminformatics analyses, and screening as bacterial biofilm inhibitor. <i>Journal of Basic Microbiology</i> , 2021, , .	3.3	2
5	N-Arylation of Protected and Unprotected 5-Bromo-2-aminobenzimidazole as Organic Material: Non-Linear Optical (NLO) Properties and Structural Feature Determination through Computational Approach. <i>Molecules</i> , 2021, 26, 6920.	3.8	8
6	Facile Synthesis of 5-Aryl-N-(pyrazin-2-yl)thiophene-2-carboxamides via Suzuki Cross-Coupling Reactions, Their Electronic and Nonlinear Optical Properties through DFT Calculations. <i>Molecules</i> , 2021, 26, 7309.	3.8	9
7	Suzuki-Miyaura Reactions of (4-bromophenyl)-4,6-dichloropyrimidine through Commercially Available Palladium Catalyst: Synthesis, Optimization and Their Structural Aspects Identification through Computational Studies. <i>Processes</i> , 2020, 8, 1342.	2.8	16
8	Palladium and Copper Catalyzed Sonogashira cross Coupling an Excellent Methodology for C-C Bond Formation over 17 Years: A Review. <i>Catalysts</i> , 2020, 10, 443.	3.5	91
9	Role of Pyridine Nitrogen in Palladium-Catalyzed Imine Hydrolysis: A Case Study of (E)-1-(3-bromothiophen-2-yl)-N-(4-methylpyridin-2-yl)methanimine. <i>Molecules</i> , 2019, 24, 2609.	3.8	18
10	Synthesis, in-vitro cholinesterase inhibition, in-vivo anticonvulsant activity and in-silico exploration of N-(4-methylpyridin-2-yl)thiophene-2-carboxamide analogs. <i>Bioorganic Chemistry</i> , 2019, 92, 103216.	4.1	41
11	Density functional theory supported studies of structural and electronic properties of substituted-phenol derivatives synthesized by efficient O- or C-arylation via Chan-Lam or Suzuki cross-coupling reactions. <i>Turkish Journal of Chemistry</i> , 2019, 43, 1306-1321.	1.2	4
12	Synthesis of 3,4-Biaryl-2,5-Dichlorothiophene through Suzuki Cross-Coupling and Theoretical Exploration of Their Potential Applications as Nonlinear Optical Materials. <i>Symmetry</i> , 2018, 10, 766.	2.2	10
13	Facile synthesis of N-(4-bromophenyl)-1-(3-bromothiophen-2-yl)methanimine derivatives via Suzuki cross-coupling reaction: their characterization and DFT studies. <i>Chemistry Central Journal</i> , 2018, 12, 84.	2.6	16
14	Efficient Synthesis of Novel Pyridine-Based Derivatives via Suzuki Cross-Coupling Reaction of Commercially Available 5-Bromo-2-methylpyridin-3-amine: Quantum Mechanical Investigations and Biological Activities. <i>Molecules</i> , 2017, 22, 190.	3.8	24
15	Selective C-Arylation of 2,5-Dibromo-3-hexylthiophene via Suzuki Cross Coupling Reaction and Their Pharmacological Aspects. <i>Molecules</i> , 2015, 20, 5202-5214.	3.8	15