

# Muhammed Yousufuddin

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,146  
citations

471509

17  
h-index

580821

25  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1345  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Stereospecific Synthesis of Unprotected N-H and N-Me Aziridines from Olefins. <i>Science</i> , 2014, 343, 61-65.	12.6	249
2	3D Luminescent Amide-Functionalized Cadmium Tetrazolate Framework for Selective Detection of 2,4,6-Trinitrophenol. <i>Crystal Growth and Design</i> , 2016, 16, 842-851.	3.0	167
3	Practical Organocatalytic Synthesis of Functionalized Non $\text{C}_{2v}$ -Symmetrical Atropisomeric Biaryls. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 566-571.	13.8	112
4	Practical Singly and Doubly Electrophilic Aminating Agents: A New, More Sustainable Platform for Carbon-Nitrogen Bond Formation. <i>Journal of the American Chemical Society</i> , 2017, 139, 11184-11196.	13.7	60
5	A new 3D luminescent Zn(II)-organic framework containing a quinoline-2,6-dicarboxylate linker for the highly selective sensing of Fe(III) ions. <i>Dalton Transactions</i> , 2019, 48, 1766-1773.	3.3	49
6	Neutron Diffraction Studies on a 4-Coordinate Hydrogen Atom in an Yttrium Cluster. <i>Journal of the American Chemical Society</i> , 2008, 130, 3888-3891.	13.7	47
7	Targeted water soluble copper-tetrazolate complexes: interactions with biomolecules and catecholase like activities. <i>Dalton Transactions</i> , 2015, 44, 20154-20167.	3.3	44
8	Catalyst-Controlled Diastereoselective Synthesis of Cyclic Amines via C-H Functionalization. <i>Journal of the American Chemical Society</i> , 2017, 139, 18288-18294.	13.7	40
9	The Syntheses and Structures of $\text{Ph}_4\text{EN}_3$ (E = P, As, Sb), an Example for the Transition from Ionic to Covalent Azides within the Same Main Group. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 2691-2695.	1.2	34
10	A Neutron Diffraction Study of $[\text{OsClH}_3(\text{PPh}_3)_3]$ : A Complex Containing a Highly "Stretched" Dihydrogen Ligand. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7227-7230.	13.8	25
11	Synthesis and X-ray and Neutron Structures of $\text{Zr}\{(\frac{1}{4}\text{-H})_2\text{BC}_8\text{H}_{14}\}_4$ . <i>Inorganic Chemistry</i> , 2005, 44, 2459-2464.	4.0	22
12	Titanium-Mediated Synthesis of Spirocyclic $\text{NH}$ -Azetidines from Oxime Ethers. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14219-14223.	13.8	20
13	Transition metal-free direct dehydrogenative arylation of activated $\text{C}(\text{sp}^3)$ -H bonds: synthetic ambit and DFT reactivity predictions. <i>Chemical Science</i> , 2018, 9, 7992-7999.	7.4	14
14	Dearomatizing spirocyclization reactions of alkynyl cyanamides. <i>Tetrahedron Letters</i> , 2016, 57, 3096-3099.	1.4	11
15	Synthesis of Structurally Diverse 3-, 4-, 5-, and 6-Membered Heterocycles from Diisopropyl Iminomalonates and Soft $\text{C}$ -Nucleophiles. <i>Journal of Organic Chemistry</i> , 2019, 84, 7066-7099.	3.2	10
16	Total Synthesis of the Nagelamides " Synthetic Studies toward the Reported Structure of Nagelamide D and Nagelamide E Framework. <i>Journal of Organic Chemistry</i> , 2020, 85, 12971-12987.	3.2	8
17	Intramolecular $\text{N}$ -Me and $\text{N}$ -H aminoetherification for the synthesis of $\text{N}$ -unprotected 3-amino-O-heterocycles. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 557-560.	2.8	8
18	Thio acid-mediated conversion of azides to amides " Exploratory studies en route to oroidin alkaloids. <i>Tetrahedron Letters</i> , 2017, 58, 3913-3918.	1.4	6

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19	Arylboronic Acid-Catalyzed <i>C</i> -Allylation of Unprotected Oximes: Total Synthesis of <i>N</i> -Me-Euphococcine. <i>Organic Letters</i> , 2020, 22, 2486-2489.	4.6	6
20	Synthesis, crystal structures, and DFT calculations of tungsten (IV) and tungsten (VI) phosphino polyhydrides. <i>Inorganica Chimica Acta</i> , 2020, 508, 119638.	2.4	1
21	Investigating the non-classical M-H2 bonding in OsClH3(PPh3)3. <i>Journal of Alloys and Compounds</i> , 2021, 894, 162445.	5.5	1
22	Titanium-Mediated Synthesis of Spirocyclic NH-Azetidines from Oxime Ethers. <i>Angewandte Chemie</i> , 2019, 131, 14357-14361.	2.0	0
23	Crystal structures of 4-[( <i>E</i> )-3-[(imino- $\lambda^5$ -azanylidene)amino]prop-1-enyl]- <i>N,N</i> -dimethylimidazole-1-sulfonamide and 2-[(imino- $\lambda^5$ -azanylidene)amino]-4-[( <i>E</i> )-3-[(imino- $\lambda^5$ -azanylidene)amino]prop-1-enyl]- <i>N,N</i> -dimethylimidazole-1-sulfonamide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 695-699.	0.5	0
24	Crystal Structure and DFT Calculations of Bis(tetrahydridoborato)bis(cyclopentadienyl)zirconium(IV). <i>Journal of Chemical Crystallography</i> , 0, , 1.	1.1	0