

Nature Index Publications List (from 2017 – till date)

Sno	Authors	title	Journal	Year	Vol	Pages Start	Pages end	Impact Factor	Scopus Indexed	SJR
1	Liao, H., Xiao, C., Ravva, M.K. , Wang, Y., Little, M., Jenart, M.V.C., Onwubiko, A., Li, Z., Wang, Z., Brédas, J.-L., McCulloch, I., Yue, W.	Synthesis and properties of isoindigo and benzo[1,2- <i>b</i> :4,5- <i>b'</i>]bis[<i>b</i>] benzothiophene oligomers	Chemical Communications	2018	54	11152	11155	6.16	Indexed	Q1
2	Sujatha, C., Bhatt, C.S., Ravva, M.K. , Suresh, A.K. , Namitharan, K.	Copper-Catalyzed Ring-Expansion Cascade of Azirines with Alkynes: Synthesis of Multisubstituted Pyridines at Room Temperature	Organic Letters	2018	20	3241	3244	6.56	Indexed	Q1
3	Almeida, G., Ashton, O.J., Goldoni, L., Maggioni, D., Petralanda, U., Mishra, N. , Akkerman, Q.A., Infante, I., Snaith, H.J., Manna, L.	The Phosphine Oxide Route toward Lead Halide Perovskite Nanocrystals	Journal of the American Chemical Society	2018	140	14878	14886	14.7	Indexed	Q1
4	Hari Balakrishnan, M., Sathriyan, K., Mannathan, S.	Nickel-Catalyzed Denitrogenative Cross-Coupling Reaction of 1,2,3-Benzotriazin-4(3H)-ones with Organoboronic Acids: An Easy Access to Ortho-Arylated and Alkenylated Benzamides	Organic Letters	2018	20	3815	3818	6.56	Indexed	Q1

5	J.H. Kim, C.Hyun, H.Kim, J. K. Dash , K.Lhm and G.-H Lee	Thickness-insensitive properties of α -MoO ₃ nanosheets by weak interlayer coupling	Nano Letters	2019	-	-	-	12.279	Indexed	Q1
6	Dutta, P.K., Chauhan, J., Ravva, M.K. , Sen, S.	Directing-group-assisted manganese-catalyzed cyclopropanation of indoles	Organic Letters	2019	21	2025	2028	6.56	Indexed	Q1
7	Subhabrata Sen, Jyoti Chauhan, Mahesh Kumar Ravva ,	Harnessing autooxidation of aldehydes: In situ iodoarene catalysed synthesis of substituted 1, 3, 4-oxadiazole, in presence of molecular oxygen	Organic Letters	2019	21	6562	6565	6.56	Indexed	Q1
8	Paternò, G.M., Mishra, N. , Barker, A.J., Dang, Z., Lanzani, G., Manna, L., Petrozza, A.	Broadband Defects Emission and Enhanced Ligand Raman Scattering in OD Cs ₃ Bi ₂ I ₉ Colloidal Nanocrystals	Advanced Functional Materials	2019	29	18052 99	-	15.62	Indexed	Q1
9	Senén D. Mendoza, Eliza S. Nieweglowska, Sutharsan Govindarajan , Lina M. Leon, Joel D. Berry, Anika Tiwari, Vorrapon Chaikeratisak, Joe Pogliano, David A. Agard & Joseph Bondy-Denomy	A bacteriophage nucleus-like compartment shields DNA from CRISPR nucleases	Nature	2019	-	-	-	43.06	Indexed	Q1
10	Hari Balakrishnan, M.; Mannathan, S.	Palladium/Copper-Catalyzed Denitrogenative Alkylidenation and ortho-Alkynylation Reaction of 1,2,3-Benzotriazin-4(3H)-ones	Org. Lett.,	2020	22	542	-	6.55	Indexed	Q1

11	Juvaid, M. M., Sarkar, S., Gogoi, P. K., Ghosh, S. , Annamalai, M., Lin, Y. C., ... & Jani, H.	Direct Growth of Wafer-Scale, Transparent, p-Type Reduced-Graphene-Oxide-like Thin Films by Pulsed Laser Deposition	ACS Nano	2020	14	3290	3298	13.9	Indexed	Q1
12	Jyoti Chauhan, Mahesh K. Ravva, Ludovic Gremaud, and Subhabrata Sen	Blue LED Mediated Intramolecular C–H Functionalization and Cyclopropanation of Tryptamines: Synthesis of Azepino[4, 5-b]indoles and Natural Product Inspired Polycyclic Indoles	Organic Letters	2020				6.555	Indexedf	Q1