

## Personal Profile



NAME	Dr Pradip Kumar Maji
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Highest qualification	M. Sc, PhD
TEACHING EXPERIENCE	14 yrs
TOPICS TAUGHT	Organic Chemistry
RESEARCH EXPERIENCE	7 yrs
REASEARCH AREA	<ul style="list-style-type: none"><li>❖ Synthetic Organic Chemistry</li><li>❖ Synthesis of biologically active heterocyclic compounds</li><li>❖ Multicomponent Synthesis</li><li>❖ Metal Catalysis</li><li>❖ Green Chemistry</li></ul>
Award and Recognition (if any)	<b>NIL</b>
Membership (if any)	Member of American Chemical Society
Other activity (if any)	Reviewer of journal  1. Current Organic Chemistry (Bentham Science publication)  2. Synthetic Communication (Taylor and Francis)
List of Publications (chronological order-latest to oldest) (books, book chapters, journal and conference publications)	17. Recent Progress in the Synthesis of Pyrimidine Heterocycles: A review <b>P. K. Maji</b> , <i>Current Organic Chemistry</i> , <b>2020</b> , <b>DOI : 10.2174/1385272824999200507123843</b>  16. Synthesis of Pyrimidine-Annulated Five-Membered Heterocycles: An Overview <b>P. K. Maji</b> , <i>Current Organic Chemistry</i> , <b>2019</b> , 23, 2204-2269.

15. Efficient one pot synthesis of chromenonaphtharidine derivatives by CuI/InCl<sub>3</sub> catalyzed aza Diels-Alder reaction. **P. K. Maji**, A. Mahalanobish, *Heterocycles*, **2018**, 96, 43-49
14. Copper accelerated one- pot Sequential tandem synthesis of tetrahydropurino[8,9-a]isoquinoline-9,11-dione. **P. K. Maji**, A. Mahalanobish, *Heterocycles*, **2017**, 94,1847-1855
13. Bu<sub>3</sub>SnH Assisted Radical Cyclization Towards the Synthesis of Pyrimidine-annulated Spirocyclic and [6,6] Fused Sulfur Heterocycles. K. C. Majumdar, **P. K. Maji**, S. K. Chattopadhyay. *Lett. Org. Chem.* 2014, 11(7), 487-492.
12. Recent Progress in Metal Assisted Multicomponent Syntheses of Heterocycles. P. K. Maji, R Ul Islam and S. K. Bera. *Heterocycles*, **2014**, 89, 869-962.
11. Recent development in palladium-mediated synthesis of Nitrogen heterocycles. K. C. Majumdar, B. Chattopadhyay, **P. K. Maji**, S. K. Chattopadhyay and S.Samanta. *Heterocycles*, **2010**, 81(4), 795 - 866.
10. Recent development in palladium-mediated synthesis of Oxygen heterocycles. K. C. Majumdar, B. Chattopadhyay, **P. K. Maji**, S. K. Chattopadhyay and S. Samanta. *Heterocycles*, **2010**, 81(3), 517-584.
9. Palladium-catalyzed intramolecular arylation to pyrimidine: A novel and expedient avenue to benzanulated Pyrido[2,3-d]pyrimidine and Pyrido[3,2-d]pyrimidines. K. C. Majumdar, B. Sinha, **P. K. Maji**, S. K. Chattopadhyay. *Tetrahedron* **2009**, 65, 2751-2756.
8. Thiophenol mediated intramolecular radical cyclization: An efficient method for synthesis of benzoxocine derivatives. K. C. Majumdar, K. Ray, P. Debnath, **P. K. Maji** and N. Kundu. *Tetrahedron Lett.* **2008**, 39, 5597-5600.
7. Regioselective Synthesis of Pyrimidine-annulated [6,6]pyranopyran via Claisen Rearrangement and n-Bu<sub>3</sub>SnH mediated 6-endo Aryl Radical Cyclization. K. C. Majumdar, P. Debnath, **P. K. Maji**.

*Can. J. Chem.* **2008**, 846-854.

6. Sequential thermal and catalysed Claisen rearrangement towards the synthesis of thiocumarin-annulated furopyrans. K. C. Majumdar, **P. K. Maji**, A. K. Pal. *Lett. Org. Chem.* **2008**, 5, 218-223.
5. Thiol-mediated 8-endo-trig radical cyclization: an easy access to medium-sized cyclic ethers. K. C. Majumdar, **P. K. Maji**, K. Roy and P. Debnath. *Tetrahedron Letter*, **2007**, 48, 9124-9127.
4. Thiol-Mediated Radical Cyclisation: Regioselective Unusual Formation of Indol-Annulated Sulfur Heterocycles by Tandem Cyclisation. K. C. Majumdar, P. Debnath, S. Alam and **P. K. Maji**. *Tetrahedron Letter*, **2007**, 48, 7031-7033.
3. Thiol-Catalysed Claisen Rearrangement and Radical Cyclisation: Formation of Furo- and Pyrano- Coumarin Derivatives. K. C. Majumdar, P. Debnath and **P. K. Maji**. *Tetrahedron Letter*, **2007**, 48, 5265-5268.
2. Synthesis of Pyrimidine-annulated heterocycles: facile sulfoxide rearrangement of 1,3-dimethyl-5-aryloxybut-2-ynylthio)pyrimidine-2,4-dione. K. C. Majumdar, **P. K. Maji**, A. K. Pal. *Lett. Org. Chem.* **2007**, 2, 134-136.
1. Synthesis of Oxepin- and Oxocin- Annulated Pyrimidine Derivatives by Claisen Rearrangement and Ring Closing Metathesis/Ring Closing Enyne Metathesis. K. C. Majumdar, **P. K. Maji**, H. Rahaman and B. Roy. *Lett. Org. Chem.* **2006**, 3, 845-847.