


Dr. Balaji Ganesan, M.Sc., M.Phil., Ph.D.

Photo 	Nationality: Indian
	Language: Tamil, English
	Autobiography: <p>First, I would like to introduce myself called Balaji Ganesan and I have come from the state of Tamilnadu in India. After completion of the master's program in India, I had joined Kaohsiung Medical University (KMU) in the department of medicinal and applied chemistry for my doctoral study. In KMU, my graduate work has focused on transition metal-catalyzed cyclization of alkyne derivatives for the synthesis of biologically important heterocycles. During my study, I had a chance to learn many new things with good research exposure in many aspects.</p>

Doctoral:

Institute: Kaohsiung Medical University

Research field: Organic Synthesis-Methodology

Thesis supervisor: Dr. Wei-Yu Lin

M.Phil.:

Institute: Madurai Kamaraj University

Research field: Supramolecular Chemistry

Thesis supervisor: Dr. Siva Ayyanar

Master:

Institute: Madurai Kamaraj University

Research field: Chemosensors

Thesis supervisor: Prof. Kasi Pitchumani

Publications:

1. “Visible light-induced *N*-methyl activation of unsymmetric tertiary amines”
Gopi Perumal, Mohanraj Kandasamy, **Balaji Ganesan**, Karthick Govindan, Harsha Sathya, Min-Yuan Hung, Gopal Chandru Senadi, Ya-Ching Wu and Wei-Yu Lin* *Tetrahedron*, **2021**, *80*, 131891.; I.F-2.233)
<https://www.sciencedirect.com/science/article/pii/S0040402020311558>

2. “Continuous flow as a benign strategy for the synthesis of thioesters *via* selective C-N bond cleavage”, Mohanraj Kandasamy, Antolin Jesila Jesu Amalraj, Gopi Perumal, **Balaji Ganesan**, Gopal Chandru Senadi and Wei-Yu Lin* (*J. Flow Chem.* **2020**, *10*, 507-515.; I.F-3.622)
<https://link.springer.com/article/10.1007/s41981-020-00090-w>
3. “Copper-catalyzed synthesis of aminoquinolines from β -(2-aminophenyl)- α,β -ynones using DMF as dual synthon”
Balaji Ganesan, Karthick Govindan, Gopal Chandru Senadi, Mohanraj Kandasamy and Wei-Yu Lin* (*Chem. Commun.*, **2020**, *56*, 6488-6491.; I.F- 6.164; Highlighted inside of cover)
<https://pubs.rsc.org/en/content/articlelanding/2020/CC/D0CC03033C#!divAbstract>
4. “In situ generation of alkynylzinc and its subsequent Negishi reaction in a flow reactor”
Mohanraj Kandhasamy, Yu-Hsuan Huang, **Balaji Ganesan**, Gopal Chandru Senadi and Wei-Yu Lin* (*Eur. J. Org. Chem.*, **2019**, *27*, 4349–4356.; I.F-3.029)
<https://onlinelibrary.wiley.com/doi/10.1002/ejoc.201900471>
5. “Fast and efficient continuous flow method for synthesis of ynones and pyrazoles”
Mohanraj Kandhasamy, **Balaji Ganesan**, Min-Yuan Hung and Wei-Yu Lin* (*Eur. J. Org. Chem.*, **2019**, *20*, 3183–3189.; I.F-3.049)
<https://onlinelibrary.wiley.com/doi/epdf/10.1002/ejoc.201900468>
6. “A copper(II)-catalyzed annulative formylation of o-alkynylanilines with DMF: a single-step strategy for 3-formyl indoles”
Balaji Ganesan, Gopal Chandru Senadi, Bing-Chun Guo, Min-Yuan Hung and Wei-Yu Lin* (*RSC Adv.*, **2018**, *8*, 40968-40973.; I.F-3.049)
<https://pubs.rsc.org/en/content/articlepdf/2018/ra/c8ra09214a>