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H-index: 32, 3440 citations

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Webpage: [https://the-gasam.wixsite.com/ourgroup?](https://the-gasam.wixsite.com/ourgroup?fbclid=IwAR19-vYLvzNfc9jyGUH_AgXT9FotmLi4gXBJPp2yrkzmgwzSNj_hHiN24Tc)

[fbclid=IwAR19-](https://the-gasam.wixsite.com/ourgroup?fbclid=IwAR19-vYLvzNfc9jyGUH_AgXT9FotmLi4gXBJPp2yrkzmgwzSNj_hHiN24Tc)

[vYLvzNfc9jyGUH_AgXT9FotmLi4gXBJPp2yrkzmgwzSNj_hHiN24Tc](https://the-gasam.wixsite.com/ourgroup?fbclid=IwAR19-vYLvzNfc9jyGUH_AgXT9FotmLi4gXBJPp2yrkzmgwzSNj_hHiN24Tc)

<https://scholar.google.com/citations?user=LPR-UQ0AAAAJ&hl=vi>

Education:

PhD (2004/4~2007/6) Organic Chemistry, University of Greifswald, Germany

B.S. (1997/9~2001/6) Faculty of Chemistry, Vietnam National University at Hanoi

Experience:

Postdoc (2007/6~2010/6) RWTH-Aachen & TU Munich, Germany

Research associate (2010/9~2017/6) ICES, A*STAR, Singapore

Selective Honors & Awards:

1. Alexander-von-Humboldt (AvH) Postdoc Scholarship, Germany (2008~2010)
2. PhD. Scholarship, Ministry of Education and Training (2004)

Research Areas:

Organic Synthesis, Applied Catalysis, Medicinal Chemistry, Green Chemistry

Selective Publications:

1. “Facile Ru-catalysed synthesis of quinazolin-4(3H)-ones by tandem cyclization of 2-nitrobenzonitrile and alcohol derivatives under air”, *Org. Biomol. Chem.*, **2025**, 23, 603-607.
2. “Methanol Activation: Strategies for Utilization of Methanol as C1 Building Block in Sustainable Organic Synthesis”, *ChemSusChem*, **2025**, 18, e202401974.
3. “Design and synthesis of novel β -carboline-bisindole hybrids as potential anticancer agents”, *ChemMedChem*, **2024**, 19, e202400316.
4. “Facile iodine-promoted synthesis of bis(1-imidazo[1,5-a]pyridyl)arylmethanes and exploration of applications”, *Chem. Commun.*, **2023**, 59, 1947-1950.
5. “Efficient Ruthenium Catalyzed N-methylation of Amines using Methanol”, *ACS Catal.*, **2015**, 5, 4082-4088.