

## Publications

- 129 NNO Pincer-Supported Pd(II)-Catalyzed Reductive N-Alkylation of Challenging Nitroarenes with Alcohols via Borrowing Hydrogen Strategy  
S. Pranesh Kavin, R. Ramesh\*, S. Balaji  
*J. Org. Chem.*, 89(2024), 11161–11172 <https://doi.org/10.1021/acs.joc.4c00621>  
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- 128 One-Pot Sustainable Synthesis of Highly Substituted Pyrimidines via Acceptorless Dehydrogenative Annulation of Alcohols Using Pincer Ni(II)–NNS Catalysts  
S. Clinton, R. Ramesh,\* and Jan Grzegorz Malecki  
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- 127 Analysis of Antiproliferative activity of New Half-sandwich Arene Ru (II) thiophene based aroylhydrazone complexes.  
P. Ramya, A. Abirami, and R. Ramesh\*  
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- 126 Dinuclear arene ruthenium (II) arylthiourea complexes: Synthesis, structure, cancer cell growth inhibition and apoptosis induction studies.  
S. Balaji, M. K. M. Subarkhan, G. Balamurugan and R. Ramesh\*  
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- 125 Promoting the Anticancer Activity with Multidentate Furan-2-Carboxamide Functionalized Aroyl Thiourea Chelation in Binuclear Half-Sandwich Ruthenium(II) Complexes  
T. Sathiya Kamatchi, M.M. Khan and R. Ramesh\*  
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- 124 Exploring the Cytotoxicity of Dinuclear Ru (II) p-cymene Complexes Appended N, N'-Bis (4-substituted benzoyl) hydrazines: Insights into the Mechanism of Apoptotic Cell Death  
A. Abirami, U. Devan, R. Ramesh\*, A. Antony Joseph Velanganni, and J.G. Małecki,  
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- 123 Nickel Pincer Complexes Catalysed Sustainable Synthesis of 3,4-dihydro-2H-1,2,4-benzothiadiazine-1,1-dioxides via Acceptorless Dehydrogenative Coupling of Primary Alcohols

P. Anandaraj and R. Ramesh\* **J. Org. Chem.**, 89 (2024) 2494-2504  
<https://doi.org/10.1021/acs.joc.3c02508> IF:4.1; ISSN: 1520-6904.

- 122 Arene Ruthenium(II)-Catalyzed Sustainable Synthesis of 2,4-2 Disubstituted Quinazolines *via* Acceptorless Dual Dehydrogenative Coupling of Alcohols S. Saranya, V. Tamilthendral, P. Anandaraj, and R. Ramesh\* **J. Org. Chem.**, 88 (2023) 16967-16977. <https://doi.org/10.1021/acs.joc.3c01808> ; IF:4.1; ISSN: 1520-6904.
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