

LIST OF PUBLICATIONS

1. Condensation of 4-aryl-4-oxobutanoic acids with bezylamines: Synthetic and structural studies on 1-arylmethyl-3-[(E)-1-arylmethylidene]-5-phenyl-2, 3-dihydro-1H-2- pyrrolones.
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2. Copper sulphate” *Electronic Encyclopedia of Reagents for Organic Synthesis* (e-EROS) Paquette, L. A. Ed. Wiley, NY, **2007**.
H. S. P. Rao, **S. Rafi**.
3. Chair to boat interconversion and face to face interactions in isomeric aryl substituted cyclopentaquinolizines.
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4. Synthesis and stereochemistry of 2-arylperhydrocyclopenta[b]pyridine-1-ols, the 8-azaestrone fragments.
H. S. P. Rao, **S. Rafi**.
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5. The Blaise reaction
H. S. P. Rao, **S. Rafi**, K. Padmavathy.
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6. Facile and efficient synthesis of ethyl 3-oxo-5-(phenylsulfanyl)pentanoate, a precursor for Nazarov reagent.
H. S. P. Rao, **S. Rafi**, K. Padmavathy.
Lett. Org. Chem. **2008**, 5, 527-529.
6. New synthetic methodology for methyl ketones based on the Blaise Reaction.
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7. Synthesis of 13-membered crown ethers via olefin metathesis and its stereochemistry.
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(Under preparation).