

# Ramesh Ramapanicker

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Diastereoselective Synthesis of 1-Deoxygalactonojirimycin, 1-Deoxyaltronojirimycin, and <i>N</i> -Boc-(2 <i>S</i> ,3 <i>S</i> )-3-Hydroxy-pipecolic Acid via Proline Catalyzed $\alpha$ -Aminoxylation of Aldehydes. <i>Journal of Organic Chemistry</i> , 2015, 80, 4776-4782.	3.2	20
2	Click chemistry route to covalently link cellulose and clay. <i>Cellulose</i> , 2015, 22, 1615-1624.	4.9	19
3	<i>N</i> -Propyl-2-(trifluoromethylsulfonamidopropyl)pyrrolidine: An Organocatalyst for Asymmetric Michael Addition of Aldehydes to $\alpha$ -Nitroalkenes at Ambient Conditions. <i>Journal of Organic Chemistry</i> , 2019, 84, 1523-1533.	3.2	14
4	Enantiospecific Synthesis of (-)-Cuspareine and (-)-Galipinine. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 1902-1906.	2.6	13
5	Synthesis of bis- $\alpha$ -amino acids through proline catalyzed asymmetric $\alpha$ -amination of higher homologs of Garner's aldehyde. <i>Tetrahedron</i> , 2014, 70, 9554-9563.	1.9	12
6	Divergent synthesis of various iminocyclitols from <i>D</i> -ribose. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 8512-8523.	2.8	12
7	Proline catalyzed, one-pot three component Mannich reaction and sequential cyclization toward the synthesis of 2-substituted piperidine and pyrrolidine alkaloids. <i>Tetrahedron Letters</i> , 2015, 56, 2023-2026.	1.4	12
8	Synthesis of stable C-linked ferrocenyl amino acids and their use in solution-phase peptide synthesis. <i>Journal of Peptide Science</i> , 2015, 21, 887-892.	1.4	11
9	Chelation controlled reduction of <i>N</i> -protected $\alpha$ -amino ketones toward the synthesis of HPA-12 and analogues. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 623-631.	1.8	10
10	Controlling Growth to One Dimension in Nanoislands of Ferrocene-Sugar Derivatives. <i>Journal of Physical Chemistry C</i> , 2016, 120, 9223-9228.	3.1	10
11	Synthesis of $\alpha$ -oxo $\alpha$ -aryl and $\alpha$ -aryl $\alpha$ -amino Acids from Aromatic Aldehydes and Serine. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 7120-7128.	2.4	9
12	Enantioselective Synthesis of 2-Aminomethyl and 3-Amino Pyrrolidines and Piperidines through 1,2-Diamination of Aldehydes. <i>Journal of Organic Chemistry</i> , 2018, 83, 8161-8169.	3.2	9
13	Diastereoselective synthesis of D-threo-sphinganine, L-erythro-sphinganine and ( $\alpha$ )-spisulosine through asymmetric $\alpha$ -hydroxylation of a higher homologue of Garner's aldehyde. <i>Tetrahedron</i> , 2017, 73, 1568-1575.	1.9	8
14	Enantioselective Michael Addition of Aldehydes to $\alpha$ -Nitrostyrenes Catalyzed by (S)- <i>N</i> -( <i>D</i> -Propyl)- <i>N</i> -trifluoromethyl- <i>N</i> -phenylpropan-2-amine. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 4745-4751.	3.1	8
15	A bromo-capped diruthenium( <i>N</i> )-heterocyclic carbene compound for <i>in situ</i> bromine generation with NBS: catalytic olefin aziridination reactions. <i>Dalton Transactions</i> , 2018, 47, 11917-11924.	3.3	7
16	Amphiphilic conjugates of ferrocene with amino acids and peptides: Design, synthesis, and studies on their aggregation behavior. <i>Journal of Peptide Science</i> , 2021, 27, e3332.	1.4	7
17	Selection of Adlayer Patterns of 1,3-Dithia Derivatives of Ferrocene by the Nature of the Solvent. <i>Journal of Physical Chemistry C</i> , 2018, 122, 19067-19074.	3.1	6
18	Understanding the Adsorption Energetics of Growth Polymorphs of Ferrocene Derivatives: Microscopic Thermal Desorption Analysis. <i>Journal of Physical Chemistry C</i> , 2019, 123, 18488-18494.	3.1	6

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19	Enantioselective Synthesis of (<i>R</i>)-Antofine and (<i>R</i>)-Cryptopleurine. ChemistrySelect, 2018, 3, 12591-12594.	1.5	5
20	Diastereoselective synthesis of furanose and pyranose substituted glycine and alanine derivatives via proline-catalyzed asymmetric Î±-amination of aldehydes. Carbohydrate Research, 2016, 435, 37-49.	2.3	4
21	Synthesis of peptides containing oxo amino acids and their crystallographic analysis. Journal of Peptide Science, 2019, 25, e3148.	1.4	4
22	Revealing the Limits of Intermolecular Interactions: Molecular Rings of Ferrocene Derivatives on Graphite Surface. Journal of Physical Chemistry Letters, 2020, 11, 297-302.	4.6	3
23	Asymmetric synthesis of six tetrahydroisoquinoline natural products through Î±-amination of an aldehyde. Tetrahedron, 2021, 88, 132121.	1.9	3
24	Stereoselective Synthesis of Hydroxy Diamino Acid Derivatives and the Caprolactam Unit of Bengamide A through Organocatalytic Î±-Hydroxylation and Reductive Amination of Aldehydes. European Journal of Organic Chemistry, 2016, 2016, 5502-5510.	2.4	2
25	Synthesis of 1â€Deoxyâ€8,8aâ€“diâ€“epiâ€“castanospermine, 1â€Deoxyâ€6,7,8aâ€“triâ€“epiâ€“castanospermine, and Formal Synthesis of Pumilotoxin 251D. ChemistrySelect, 2016, 1, 4458-4462.	1.5	2
26	Asymmetric Michael addition reactions of aldehydes to Î²-nitrostyrenes catalyzed by (S)-N-(D-prolyl-L-prolyl)-1-triflicamido-3-phenylpropan-2-amine. Tetrahedron, 2021, 87, 132095.	1.9	2
27	Unusual Reactions of the 1,3-Dithiane Derivative of the Garner Aldehyde and Related Compounds. Synthesis, 2013, 45, 1997-2002.	2.3	1