Balamurugan Rengarajan

List of Publications by Year
in descending order

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26 papers	494 citations	687363 13 h-index	677142 22 g-index
27 all docs	27 docs citations	27 times ranked	571 citing authors

#	Article	IF	Citations
1	Activation of o-Propargyl Alcohol Benzaldehydes under Acetalization Conditions for Intramolecular Electrophile Intercepted Meyerâ€“Schuster Rearrangement. Journal of Organic Chemistry, 2022, 87, 8633-8647.	3.2	3
2	BrÃ¸nsted/Lewis Acid-Promoted Site-Selective Intramolecular Cycloisomerizations of Aryl-Fused 1,6-Diyn-3-ones for Diversity-Oriented Synthesis of Benzo-Fused Fluorenes and Fluorenones and Naphthyl Ketones. Journal of Organic Chemistry, 2021, 86, 333-351.	3.2	16
3	Synthesis of Highly Substituted Biaryls by the Construction of a Benzene Ring via In Situ Formed Acetals. Journal of Organic Chemistry, 2021, 86, 11871-11883.	3.2	4
4	Triflic Acid-Catalyzed Synthesis of Indole-Substituted Indane Derivatives via In Situ Formed Acetal-Facilitated Nucleophilic Addition and 4Ï€-Electron-5-Carbon Electrocyclization Sequence. Journal of Organic Chemistry, 2021, 86, 16278-16292.	3.2	9
5	Synthetic homoserine lactone analogues as antagonists of bacterial quorum sensing. Bioorganic Chemistry, 2020, 98, 103698.	4.1	14
6	Reversible Addition of Cyanide to Triphenylamine Attached Difluoroboron Î²â€Diketonate Facilitated Selective Colorimetric and Fluorimetric Detection of Cyanide Ion. European Journal of Organic Chemistry, 2020, 2020, 993-1000.	2.4	19
7	Efficient Sensing of Trinitrotoluene Using a Photoluminescent Benzo[a]fluorenone Derivative. ChemistrySelect, 2019, 4, 10164-10168.	1.5	6
8	Silverâ€Catalyzed Synthesis of Enones/Î±â€Iodoenones from Tertiary Propargyl Alcohols. ChemistrySelect, 2019, 4, 13610-13614.	1.5	4
9	Triflic acidâ€Mediated Expedient Synthesis of Benzo[a]fluorenes and Fluorescent Benzo[a]fluorenones. Advanced Synthesis and Catalysis, 2018, 360, 1453-1465.	4.3	24
10	Annulation of a Highly Functionalized Diazo Building Block with Indoles under Sc(OTf)₃/Rh₂(OAc)₄ Multicatalysis through Michael Addition/Cyclization Sequence. Journal of Organic Chemistry, 2018, 83, 12171-12183.	3.2	16
11	Catalyst free synthesis of Î±-fluoro-Î²-hydroxy ketones/Î±-fluoro-ynols via electrophilic fluorination of tertiary propargyl alcohols using Selectfluorâ„¢ (F-TEDA-BF₄). Organic and Biomolecular Chemistry, 2017, 15, 2063-2072.	2.8	10
12	Silverâ€Catalyzed Synthesis of Substituted Pyridine Derivatives from Nâ€Propargylic Î±â€Enamino Esters. European Journal of Organic Chemistry, 2017, 2017, 3941-3946.	2.4	14
13	In situ formed acetals facilitated direct Michael addition of unactivated ketones. New Journal of Chemistry, 2017, 41, 1186-1192.	2.8	12
14	Synthesis of Highly Functionalized Pyrrolidine Derivatives from Easily Accessible Diethyl (E)â€4â€Oxohexâ€2â€enedioate. European Journal of Organic Chemistry, 2017, 2017, 6417-6426.	2.4	3
15	Amino Groups of Chitosan Are Crucial for Binding to a Family 32 Carbohydrate Binding Module of a Chitosanase from Paenibacillus elgii. Journal of Biological Chemistry, 2016, 291, 18977-18990.	3.4	17
16	Efficient Synthesis of Functionalized Î²â€Keto Esters and Î²â€Diketones through Regioselective Hydration of Alkynyl Esters and Alkynyl Ketones by Use of a Cationic NHCâ€“Au^I Catalyst. European Journal of Organic Chemistry, 2016, 2016, 5855-5861.	2.4	16
17	The directing group wins over acidity: kinetically controlled regioselective lithiation for functionalization of 2-(2,4-dihalophenyl)-1,3-dithiane derivatives. Organic and Biomolecular Chemistry, 2016, 14, 1670-1679.	2.8	10
18	A Cascade Approach to Naphthalene Derivatives from oâ€Alkynylbenzaldehydes and Enolizable Ketones via inâ€situâ€Formed Acetals. European Journal of Organic Chemistry, 2015, 2015, 4254-4260.	2.4	24

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19	Silver Hexafluoroantimonateâ€Catalyzed Direct Î±â€Alkylation of Unactivated Ketones. Advanced Synthesis and Catalysis, 2015, 357, 1463-1473.	4.3	29
20	In Situ Formed Acetal-Facilitated Synthesis of Substituted Indene Derivatives from o-Alkenylbenzaldehydes. Organic Letters, 2015, 17, 3600-3603.	4.6	23
21	Tandem activation by gold: synthesis of dioxolanes by intermolecular reaction of epoxides and alkynes in acetone. Tetrahedron, 2015, 71, 2280-2289.	1.9	12
22	Synthesis of 1â€Arylnaphthalenes by Goldâ€Catalyzed Oneâ€Pot Sequential Epoxide to Carbonyl Rearrangement and Cyclization with Arylalkynes. Chemistry - an Asian Journal, 2013, 8, 414-428.	3.3	27
23	AuCl3/AgSbF6-catalyzed rapid epoxide to carbonyl rearrangement. Tetrahedron Letters, 2012, 53, 5243-5247.	1.4	40
24	Gold/copper-catalyzed activation of the aci-form of nitromethane in the synthesis of methylene-bridged bis-1,3-dicarbonyl compounds. Chemical Communications, 2011, 47, 11143.	4.1	29
25	Goldâ€Catalysed Activation of Epoxides: Application in the Synthesis of Bicyclic Ketals. European Journal of Organic Chemistry, 2011, 2011, 1557-1569.	2.4	35
26	Gold-Catalyzed Electrophilic Addition to Arylalkynes. A Facile Method for the Regioselective Synthesis of Substituted Naphthalenes. Organic Letters, 2009, 11, 3116-3119.	4.6	78