Azusa Sato

List of Publications by Year in descending order

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Version: 2024-02-01

26 papers	535 citations	623734 14 h-index	642732 23 g-index
41 all docs	41 docs citations	41 times ranked	321 citing authors

#	Article	IF	Citations
1	Stereoselective construction of functionalized (Z)-fluoroalkenes directed to depsipeptide isosteres. Tetrahedron Letters, 2002, 43, 5845-5847.	1.4	48
2	Stereoselective synthesis of (Z)-fluoroalkenes directed to peptide isosteres: copper mediated reaction of trialkylaluminum with 4,4-difluoro-5-hydroxyallylic alcohol derivatives. Tetrahedron, 2005, 61, 5741-5753.	1.9	46
3	Copper mediated defluorinative allylic alkylation of difluorohomoallyl alcohol derivatives directed to an efficient synthetic method for (Z)-fluoroalkene dipeptide isosteres. Journal of Fluorine Chemistry, 2011, 132, 327-338.	1.7	39
4	An efficient synthetic method for Z-fluoroalkene dipeptide isosteres: Application to the synthesis of the dipeptide isostere of Sta-Ala. Journal of Fluorine Chemistry, 2006, 127, 627-636.	1.7	38
5	Synthesis of Î±-Alkylated (Z)-Î³-Fluoro-Î²,Î³-enoates through Organocopper Mediated Reaction of Î³,Î³-Difluoro-Î±,Î²-enoates: A Different Reactivity of R3Al-Cu(I) and Me2CuLi. Chemistry Letters, 2002, 31, 28-29.	1.3	34
6	Copper-free defluorinative alkylation of allylic difluorides through Lewis acid-mediated Câ€“F bond activation. Tetrahedron Letters, 2011, 52, 2997-3000.	1.4	34
7	The self-disproportionation of the enantiomers (SDE) of methyl n-pentyl sulfoxide via achiral, gravity-driven column chromatography: a case study. Organic and Biomolecular Chemistry, 2014, 12, 4738.	2.8	32
8	Remarkable magnitude of the self-disproportionation of enantiomers (SDE) via achiral chromatography: application to the practical-scale enantiopurification of Î²-amino acid esters. Amino Acids, 2016, 48, 605-613.	2.7	31
9	Enantiomeric Enrichments via the Selfâ€Ðisproportionation of Enantiomers (SDE) by Achiral, Gravityâ€Ðriven Column Chromatography: a Case Study Using Nâ€(1â€Phenylethyl)acetamide for Optimizing the Enantiomerically Pure Yield and Magnitude of the SDE. Helvetica Chimica Acta, 2015, 98, 1147-1159.	1.6	28
10	Introducing a new radical trifluoromethylation reagent. Chemical Communications, 2015, 51, 5967-5970.	4.1	25
11	Selfâ€disproportionation of Enantiomers (SDE) of Chiral Nonracemic Amides via Achiral Chromatography. Israel Journal of Chemistry, 2016, 56, 977-989.	2.3	20
12	Self-disproportionation of enantiomers via achiral gravity-driven column chromatography: A case study of N -acyl-Î±-phenylethylamines. Journal of Chromatography A, 2016, 1467, 270-278.	3.7	19
13	Reaction of Î³,Î³-Dialkoxyallylic Zirconium Species with Aldehyde as Protected Acryloyl Anion. Journal of Organic Chemistry, 2000, 65, 918-921.	3.2	18
14	Formation of a functionalized cyclobutane ring through the reaction of Î³,Î³-dialkoxyallylic zirconium species with acrylamide. Tetrahedron Letters, 1999, 40, 3217-3220.	1.4	17
15	Copper-catalyzed addition reaction of Î³,Î³-dialkoxyallylic zirconium species with imines. Tetrahedron Letters, 2005, 46, 8381-8383.	1.4	16
16	Diastereoselective Regiodivergent Mannich Versus Tandem Mannichâ€Cyclization Reactions. Advanced Synthesis and Catalysis, 2017, 359, 4267-4273.	4.3	14
17	Self-Disproportionation of Enantiomers (SDE) via achiral gravity-driven column chromatography of N -fluoroacyl-1-phenylethylamines. Journal of Fluorine Chemistry, 2017, 196, 37-43.	1.7	14
18	Cu(I)-assisted carbonî—¸carbon bond forming reactions of Î³,Î³-dialkoxyallylic zirconium species: a new versatile homoenolate equivalent of propionate. Tetrahedron Letters, 2000, 41, 10239-10243.	1.4	13

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19	1,4-Addition reaction of Î³, Î³-dialkoxyallylic zirconium species as agem-dialkoxycyclopropyl anion equivalent. Tetrahedron Letters, 1999, 40, 3397-3398.	1.4	12
20	Highly Regioselective Coupling Reactions of Allylic and Propargylic Alcohol Derivatives with Î³,Î³-Dialkoxyallylic Zirconium Species via Zr-to-Cu Transmetalation. Journal of Organic Chemistry, 2005, 70, 709-712.	3.2	10
21	Mediator and Additive Free Trifluoromethylâ€Fluorination of Terminal Alkenes by Persistent Perfluoroalkyl Radical. European Journal of Organic Chemistry, 2019, 2019, 4417-4421.	2.4	8
22	Synthesis of (Z)-fluoroallyl azides through aluminium-mediated defluorinative functionalization reactions. Tetrahedron Letters, 2015, 56, 925-929.	1.4	7
23	Preparation of (Z)-1-fluoro-1-alkenyl carboxylates, carbonates and carbamates through chromium mediated transformation of dibromofluoromethylcarbinyl esters and the reactivity as double acyl group donors. Journal of Fluorine Chemistry, 2012, 133, 38-51.	1.7	6
24	Lewis acid promoted reactions of Î³,Î³-dialkoxyallylic zirconium species with various carbonyl compounds. Tetrahedron, 2005, 61, 10868-10879.	1.9	5
25	Development of Carbon-Carbon Bond-Forming Reactions using Î³, Î³-Dialkoxyallylic Zirconium SPecies. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2007, 65, 54-64.	0.1	1
26	Highly Regioselective Coupling Reactions of Allylic and Propargylic Alcohol Derivatives with Î³,Î³-Dialkoxyallylic Zirconium Species via Zr-to-Cu Transmetalation.. ChemInform, 2005, 36, no.	0.0	0