

Sergio Mallart

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14
papers

670
citations

10
h-index

14
g-index

14
ext. papers

734
ext. citations

4.2
avg, IF

2.43
L-index

#	Paper	IF	Citations
14	Enantioselective hydrogenation reactions with a full set of preformed and prepared in situ chiral diphosphine-ruthenium (II) catalysts.. <i>Tetrahedron: Asymmetry</i> , 1994 , 5, 675-690		153
13	Novel, general synthesis of the chiral catalysts diphosphine-ruthenium (II) diallyl complexes and a new practical in situ preparation of chiral ruthenium (II) catalysts. <i>Tetrahedron: Asymmetry</i> , 1994 , 5, 665-674		112
12	Asymmetric synthesis. Practical production of D and L threonine. Dynamic kinetic resolution in rhodium and ruthenium catalyzed hydrogenation of 2-acylamino-3-oxobutyrate.. <i>Tetrahedron: Asymmetry</i> , 1991 , 2, 555-567		101
11	Synthesis of α -amino acids using transition metal catalysis - alkylation of schiff bases derived from α -amino acid esters (regio, stereo - selectivity). <i>Tetrahedron</i> , 1988 , 44, 5263-5275	2.4	89
10	General synthesis of novel chiral ruthenium catalysts and their use in asymmetric hydrogenation. <i>Tetrahedron: Asymmetry</i> , 1991 , 2, 43-46		67
9	Electrophilic amination: first direct transfer of NHBoc with Li t-butyl-n-tosyloxycarbamate.. <i>Tetrahedron Letters</i> , 1991 , 32, 2359-2362	2	40
8	Electrophilic amination: Enantioselective syntheses of d-allothreonine and l-threonine. <i>Tetrahedron Letters</i> , 1988 , 29, 6765-6767	2	38
7	(R,R) dipamp-ruthenium (II) (2-methylallyl) ₂ : Synthesis and selected use in asymmetric hydrogenation.. <i>Tetrahedron Letters</i> , 1992 , 33, 5343-5346	2	30
6	Double diastereodifferentiation in the hydroxylative knovenagel condensation. <i>Tetrahedron Letters</i> , 1993 , 34, 8025-8028	2	17
5	A Short Route to (α)-N-Hydroxylysine and (α)-Laminine by Palladium-Catalyzed Reactions. <i>Synthesis</i> , 1993 , 1993, 321-324	2.9	10
4	Healthy Donors Exhibit a CD4 T Cell Repertoire Specific to the Immunogenic Human Hormone H2-Relaxin before Injection. <i>Journal of Immunology</i> , 2019 , 202, 3507-3513	5.3	4
3	Identification of Potent and Long-Acting Single-Chain Peptide Mimetics of Human Relaxin-2 for Cardiovascular Diseases. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 2139-2150	8.3	4
2	Potent Lys Patch-Containing Stapled Peptides Targeting PCSK9. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 10834-10848	8.3	3
1	Introduction of Non-natural Amino Acids Into T-Cell Epitopes to Mitigate Peptide-Specific T-Cell Responses. <i>Frontiers in Immunology</i> , 2021 , 12, 637963	8.4	2