

Sergio Mallart

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Enantioselective hydrogenation reactions with a full set of preformed and prepared in situ chiral diphosphine-ruthenium (II) catalysts.. Tetrahedron: Asymmetry, 1994, 5, 675-690.	1.8	181
2	Novel, general synthesis of the chiral catalysts diphosphine-ruthenium (II) diallyl complexes and a new practical in situ preparation of chiral ruthenium (II) catalysts. Tetrahedron: Asymmetry, 1994, 5, 665-674.	1.8	123
3	Asymmetric synthesis. Practical production of D and L threonine. Dynamic kinetic resolution in rhodium and ruthenium catalyzed hydrogenation of 2-acylamino-3-oxobutyrate.. Tetrahedron: Asymmetry, 1991, 2, 555-567.	1.8	121
4	Synthesis of $\hat{\pm}$ -amino acids using transition metal catalysis - alkylation of schiff bases derived from $\hat{\pm}$ -amino acid esters (regio, stereo - selectivity). Tetrahedron, 1988, 44, 5263-5275.	1.9	108
5	General synthesis of novel chiral ruthenium catalysts and their use in asymmetric hydrogenation. Tetrahedron: Asymmetry, 1991, 2, 43-46.	1.8	78
6	Electrophilic amination: first direct transfer of NHBoc with Li t-butyl-n-tosyloxycarbamate.. Tetrahedron Letters, 1991, 32, 2359-2362.	1.4	58
7	Electrophilic amination: Enantioselective syntheses of d-allothreonine and l-threonine. Tetrahedron Letters, 1988, 29, 6765-6767.	1.4	46
8	(R,R) dipamp-ruthenium (II) (2-methylallyl) ₂ : Synthesis and selected use in asymmetric hydrogenation.. Tetrahedron Letters, 1992, 33, 5343-5346.	1.4	45
9	Double diastereodifferentiation in the hydroxylative knovenagel condensation. Tetrahedron Letters, 1993, 34, 8025-8028.	1.4	20
10	Identification of Potent and Long-Acting Single-Chain Peptide Mimetics of Human Relaxin-2 for Cardiovascular Diseases. Journal of Medicinal Chemistry, 2021, 64, 2139-2150.	6.4	18
11	A Short Route to ($\hat{\pm}$)-N-Hydroxylysine and ($\hat{\pm}$)-Laminine by Palladium-Catalyzed Reactions. Synthesis, 1993, 1993, 321-324.	2.3	12
12	Introduction of Non-natural Amino Acids Into T-Cell Epitopes to Mitigate Peptide-Specific T-Cell Responses. Frontiers in Immunology, 2021, 12, 637963.	4.8	8
13	Healthy Donors Exhibit a CD4 T Cell Repertoire Specific to the Immunogenic Human Hormone H2-Relaxin before Injection. Journal of Immunology, 2019, 202, 3507-3513.	0.8	6
14	Potent Lys Patch-Containing Stapled Peptides Targeting PCSK9. Journal of Medicinal Chemistry, 2021, 64, 10834-10848.	6.4	4