

Osamu Ichihara

List of Publications by Year in descending order

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papers

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citations

279798

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#	ARTICLE	IF	CITATIONS
1	Asymmetric synthesis of R- β -amino butanoic acid and S- β -tyrosine: Homochiral lithium amide equivalents for Michael additions to α,β -unsaturated esters. <i>Tetrahedron: Asymmetry</i> , 1991, 2, 183-186.	1.8	276
2	Captured and Cross-Linked Palladium Nanoparticles. <i>Journal of the American Chemical Society</i> , 2006, 128, 6276-6277.	13.7	123
3	GAMESS As a Free Quantum-Mechanical Platform for Drug Research. <i>Current Topics in Medicinal Chemistry</i> , 2012, 12, 2013-2033.	2.1	118
4	Origins of the high stereoselectivity in the conjugate addition of lithium(β -methylbenzyl)benzylamide to t-butyl cinnamate. <i>Tetrahedron: Asymmetry</i> , 1994, 5, 1999-2008.	1.8	105
5	Asymmetric synthesis of syn- β -alkyl- β -amino acids. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994, , 1141-1147.	0.9	90
6	Asymmetric synthesis of (α)--(1R,2S)-cispentacin and related cis- and trans-2-amino cyclopentane- and cyclohexane-1-carboxylic acids. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994, , 1411-1415.	0.9	83
7	Compound Design by Fragment Linking. <i>Molecular Informatics</i> , 2011, 30, 298-306.	2.5	82
8	Asymmetric syntheses of β -phenylalanine, β -methyl- β -phenylalanines and derivatives. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 1153-1155.	2.0	77
9	Homochiral lithium amides for the asymmetric synthesis of β -amino acids. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 1793-1811.	1.8	75
10	An Expedient Asymmetric Synthesis of (-)-(1R,2S) -Cispentacin. <i>Synlett</i> , 1993, 1993, 461-462.	1.8	74
11	An expeditious asymmetric synthesis of allophenylnorstatine. <i>Tetrahedron</i> , 1994, 50, 3975-3986.	1.9	60
12	Discovery and Structure-Activity Relationship of Potent and Selective Covalent Inhibitors of Transglutaminase 2 for Huntington's Disease. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 1021-1046.	6.4	59
13	Asymmetric synthesis of (+)-negamycin. <i>Tetrahedron: Asymmetry</i> , 1996, 7, 1919-1922.	1.8	58
14	The use of lithium (β -methylbenzyl)allylamide for the asymmetric synthesis of unsaturated β -amino acid derivatives. <i>Tetrahedron: Asymmetry</i> , 1997, 8, 3387-3391.	1.8	56
15	Asymmetric total synthesis of sperabillins B and D via lithium amide conjugate addition. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 2630.	2.8	49
16	Fragment-based Identification of Hsp90 Inhibitors. <i>ChemMedChem</i> , 2009, 4, 963-966.	3.2	49
17	Discovery of a Novel Hsp90 Inhibitor by Fragment Linking. <i>ChemMedChem</i> , 2010, 5, 1697-1700.	3.2	48
18	Fragments: past, present and future. <i>Drug Discovery Today: Technologies</i> , 2010, 7, e163-e171.	4.0	39

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19	Selective deprotection strategies to N-($\hat{1}$ -methylbenzyl)- $\hat{1}^2$ -amino esters and derived $\hat{1}^2$ -lactams. Tetrahedron Letters, 1998, 39, 6045-6048.	1.4	34
20	Asymmetric synthesis of a highly functionalized $\hat{1}^2$ -amino acid: the key amino acid of sperabillins B and D. Tetrahedron Letters, 1999, 40, 9313-9316.	1.4	32
21	Asymmetric syntheses of (+)-negamycin, (+)-3-epi-negamycin and sperabillin C via lithium amide conjugate addition. Tetrahedron, 2011, 67, 216-227.	1.9	28
22	The Importance of Hydration Thermodynamics in Fragmentâ€toâ€Lead Optimization. ChemMedChem, 2014, 9, 2708-2717.	3.2	26
23	A Succinct Asymmetric Synthesis of (2S,3R)-2-Methyl-3-aminopentanoic Acid Hydrochloride. Synlett, 1994, 1994, 117-118.	1.8	25
24	Asymmetric synthesis of $\hat{1}^{\pm}$ -amino carbonyl derivatives using lithium (R)-N-benzyl-N- $\hat{1}^{\pm}$ -methylbenzylamide. Tetrahedron: Asymmetry, 2002, 13, 1555-1565.	1.8	25
25	General Theory of Fragment Linking in Molecular Design: Why Fragment Linking Rarely Succeeds and How to Improve Outcomes. Journal of Chemical Theory and Computation, 2021, 17, 450-462.	5.3	21
26	Asymmetric synthesis of N-protected syn and anti (E)-3-amino-2-hydroxy-4-hexenoate: A practical method for the C- $\hat{1}^{\pm}$ epimerization of anti $\hat{1}^2$ -amino- $\hat{1}^{\pm}$ -hydroxy acids. Tetrahedron, 1999, 55, 533-540.	1.9	19
27	Irreversible 4-Aminopiperidine Transglutaminase 2 Inhibitors for Huntington's Disease. ACS Medicinal Chemistry Letters, 2012, 3, 731-735.	2.8	19
28	Stereoselective conjugate addition reactions of lithium amides to $\hat{1}^{\pm}$, $\hat{1}^2$ -unsaturated chiral iron acyl complexes [($\hat{1}^5$ -C ₅ H ₅)Fe(CO)(PPh ₃)(COCHCHR)]. Journal of Organometallic Chemistry, 2004, 689, 4184-4209.	1.8	17
29	Chiral recognition in the Michael addition reaction between lithium N-3,4-dimethoxybenzyl- $\hat{1}^{\pm}$ -methylbenzylamide and the chiral iron crotonoyl complex [(C ₅ H ₅)Fe(CO)(PPh ₃)(COCHr $\hat{1}^{\pm}$ CHMe)]. Journal of the Chemical Society Chemical Communications, 1990, , 1554-1555.	2.0	15