Osamu Ichihara

List of Publications by Year
in descending order

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29 papers	1,782 citations	279798 23 h-index	477307 29 g-index
32 all docs	32 docs citations	32 times ranked	1333 citing authors

#	Article	IF	Citations
1	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
2	The Importance of Hydration Thermodynamics in Fragmentâ€toâ€Lead Optimization. ChemMedChem, 2014, 9, 2708-2717.	3.2	26
3	GAMESS As a Free Quantum-Mechanical Platform for Drug Research. Current Topics in Medicinal Chemistry, 2012, 12, 2013-2033.	2.1	118
4	Irreversible 4-Aminopiperidine Transglutaminase 2 Inhibitors for Huntington's Disease. ACS Medicinal Chemistry Letters, 2012, 3, 731-735.	2.8	19
5	Discovery and Structureâ€“Activity Relationship of Potent and Selective Covalent Inhibitors of Transglutaminase 2 for Huntingtonâ€™s Disease. Journal of Medicinal Chemistry, 2012, 55, 1021-1046.	6.4	59
6	Compound Design by Fragmentâ€Linking. Molecular Informatics, 2011, 30, 298-306.	2.5	82
7	Asymmetric syntheses of (+)-negamycin, (+)-3-epi-negamycin and sperabillin C via lithium amide conjugate addition. Tetrahedron, 2011, 67, 216-227.	1.9	28
8	Discovery of a Novel Hsp90 Inhibitor by Fragment Linking. ChemMedChem, 2010, 5, 1697-1700.	3.2	48
9	Fragments: past, present and future. Drug Discovery Today: Technologies, 2010, 7, e163-e171.	4.0	39
10	Fragmentâ€based Identification of Hsp90 Inhibitors. ChemMedChem, 2009, 4, 963-966.	3.2	49
11	Homochiral lithium amides for the asymmetric synthesis of Î²-amino acids. Tetrahedron: Asymmetry, 2006, 17, 1793-1811.	1.8	75
12	Captured and Cross-Linked Palladium Nanoparticles. Journal of the American Chemical Society, 2006, 128, 6276-6277.	13.7	123
13	Stereoselective conjugate addition reactions of lithium amides to Î±,Î²-unsaturated chiral iron acyl complexes [(Î·5-C5H5)Fe(CO)(PPh3)(COCHCHR)]. Journal of Organometallic Chemistry, 2004, 689, 4184-4209.	1.8	17
14	Asymmetric total synthesis of sperabillins B and D via lithium amide conjugate addition. Organic and Biomolecular Chemistry, 2004, 2, 2630.	2.8	49
15	Asymmetric synthesis of Î±-amino carbonyl derivatives using lithium (R)-N-benzyl-N-Î±-methylbenzylamide. Tetrahedron: Asymmetry, 2002, 13, 1555-1565.	1.8	25
16	Asymmetric synthesis of a highly functionalized Î²-amino acid: the key amino acid of sperabillins B and D. Tetrahedron Letters, 1999, 40, 9313-9316.	1.4	32
17	Asymmetric synthesis of N-protected syn and anti (E)-3-amino-2-hydroxy-4-hexenoate: A practical method for the C-Î± epimerization of anti Î²-amino-Î±-hydroxy acids. Tetrahedron, 1999, 55, 533-540.	1.9	19
18	Selective deprotection strategies to N-(Î±-methylbenzyl)-Î²-amino esters and derived Î²-lactams. Tetrahedron Letters, 1998, 39, 6045-6048.	1.4	34

#	Article	IF	Citations
19	The use of lithium (Î±-methylbenzyl)allylamide for the asymmetric synthesis of unsaturated Î²-amino acid derivatives. Tetrahedron: Asymmetry, 1997, 8, 3387-3391.	1.8	56
20	Asymmetric synthesis of (+)-negamycin. Tetrahedron: Asymmetry, 1996, 7, 1919-1922.	1.8	58
21	A Succinct Asymmetric Synthesis of (2S,3R)-2-Methyl-3-aminopentanoic Acid Hydrochloride. Synlett, 1994, 1994, 117-118.	1.8	25
22	An expeditious asymmetric synthesis of allophenylnorstatine. Tetrahedron, 1994, 50, 3975-3986.	1.9	60
23	Origins of the high stereoselectivity in the conjugate addition of lithium(Î±-methylbenzyl)benzylamide to t-butyl cinnamate. Tetrahedron: Asymmetry, 1994, 5, 1999-2008.	1.8	105
24	Asymmetric synthesis of (â€“)-(1R,2S)-cispentacin and related cis- and trans-2-amino cyclopentane- and cyclohexane-1-carboxylic acids. Journal of the Chemical Society Perkin Transactions 1, 1994, , 1411-1415.	0.9	83
25	Asymmetric synthesis of syn-Î±-alkyl-Î²-amino acids. Journal of the Chemical Society Perkin Transactions 1, 1994, , 1141-1147.	0.9	90
26	Asymmetric syntheses of Î²-phenylalanine, Î±-methyl-Î²-phenylalanines and derivatives. Journal of the Chemical Society Chemical Communications, 1993, , 1153-1155.	2.0	77
27	An Expeditious Asymmetric Synthesis of (-)-(1R,2S) -Cispentacin. Synlett, 1993, 1993, 461-462.	1.8	74
28	Asymmetric synthesis of R-Î²-amino butanoic acid and S-Î²-tyrosine: Homochiral lithium amide equivalents for Michael additions to Î±,Î²-unsaturated esters.. Tetrahedron: Asymmetry, 1991, 2, 183-186.	1.8	276
29	Chiral recognition in the Michael addition reaction between lithium N-3,4-dimethoxybenzyl-Î±-methylbenzylamide and the chiral iron crotonoyl complex [(C5H5)Fe(CO)(PPh3)(COCHî€†CHMe)]. Journal of the Chemical Society Chemical Communications, 1990, , 1554-1555.	2.0	15