Nobuyoshi Yasuda

List of Publications by Year
in descending order

27 papers	964 citations	430874 18 h-index	526287 27 g-index
30 all docs	30 docs citations	30 times ranked	989 citing authors

#	Article	IF	Citations
1	Contemporary Asymmetric Phase Transfer Catalysis: Large-Scale Industrial Applications. Organic Process Research and Development, 2015, 19, 1731-1746.	2.7	129
2	Synthesis of an Anti-Methicillin-ResistantStaphylococcus aureus(MRSA) Carbapenem via Stannatrane-Mediated Stille Coupling. Organic Letters, 2000, 2, 1081-1084.	4.6	82
3	Discovery and Application of Doubly Quaternized Cinchonaâ€Alkaloidâ€Based Phaseâ€Transfer Catalysts. Angewandte Chemie - International Edition, 2014, 53, 8375-8378.	13.8	73
4	Application of cross-coupling reactions in Merck. Journal of Organometallic Chemistry, 2002, 653, 279-287.	1.8	65
5	An Efficient Synthesis of an Î±vÎ²3Antagonist. Journal of Organic Chemistry, 2004, 69, 1959-1966.	3.2	64
6	Highly Regioselective FriedlÃnder Reaction. Organic Letters, 2001, 3, 1101-1103.	4.6	60
7	Alternatives to Vinyl Triflates for Cross-Coupling with Arylboronic Acids. Synlett, 1999, 1999, 471-473.	1.8	52
8	Practical and Cost-Effective Manufacturing Route for the Synthesis of a Î²-Lactamase Inhibitor. Organic Letters, 2014, 16, 174-177.	4.6	44
9	Suzuki-Miyaura Cross-Coupling Reactions of Unprotected Haloimidazoles. Journal of Organic Chemistry, 2014, 79, 8871-8876.	3.2	43
10	Methods for the Synthesis of 5,6,7,8-Tetrahydro-1,8-naphthyridine Fragments for Î±vÎ²3 Integrin Antagonists. Journal of Organic Chemistry, 2004, 69, 8723-8730.	3.2	40
11	Practical Synthesis of Anti-Methicillin-ResistantStaphylococcusAureus(MRSA) Carbapenem L-742,728. Journal of Organic Chemistry, 1998, 63, 5438-5446.	3.2	37
12	Preparation of 2-aryl- and 2-alkenyl-substituted carbapenems under mild suzuki cross-coupling conditions. Tetrahedron Letters, 1993, 34, 3211-3214.	1.4	35
13	Preparation of crystallinep-nitrobenzyl 2-hydroxymethyl carbapenem as a key intermediate for the anti-MRS carbapenem L-786,392. Tetrahedron Letters, 1999, 40, 427-430.	1.4	35
14	Practical Asymmetric Synthesis of a Calcitonin Gene-Related Peptide (CGRP) Receptor Antagonist Ubrogepant. Organic Process Research and Development, 2017, 21, 1851-1858.	2.7	29
15	Model for the Enantioselectivity of Asymmetric Intramolecular Alkylations by Bis-Quaternized Cinchona Alkaloid-Derived Catalysts. Journal of Organic Chemistry, 2017, 82, 8645-8650.	3.2	29
16	Merckâ€™s Reaction Review Policy: An Exercise in Process Safety. Organic Process Research and Development, 2013, 17, 1611-1616.	2.7	26
17	A highly efficient synthesis of 2-[3-aminopropyl]-5,6,7,8-tetrahydronaphthyridine via a double Suzuki reaction and a Chichibabin cyclization. Tetrahedron Letters, 2001, 42, 6811-6814.	1.4	25
18	A simple and scalable method to prepare 1-aza-5-chloro-5-stannabicyclo[3.3.3]undecane. Tetrahedron Letters, 2000, 41, 8677-8681.	1.4	15

#	Article	IF	Citations
19	HIGHLY EFFICIENT SYNTHESIS OF 2-AMINO-3-PYRIDINECARBOXALDEHYDE. Synthetic Communications, 2001, 31, 1573-1579.	2.1	13
20	Improved Preparation of a Key Hydroxylamine Intermediate for Relebactam: Rate Enhancement of Benzyl Ether Hydrogenolysis with DABCO. Organic Process Research and Development, 2018, 22, 273-277.	2.7	13
21	A practical synthesis of 3-[(1R)-1-t-butyldimethylsilyloxyethyl]-4-[(2R)-4-halo-3-oxo-2-butyl]azetidinone, a versatile intermediate for carbapenem antibiotics. Bioorganic and Medicinal Chemistry Letters, 1998, 8, 255-256.	2.2	10
22	Preparation of crystalline p-nitrobenzyl 2-formyl carbapenems by oxidative cleavage. Bioorganic and Medicinal Chemistry Letters, 1999, 9, 1559-1562.	2.2	6
23	Unexpected Propargylic Retro-Brook Rearrangements in Alkynes. Journal of Organic Chemistry, 2019, 84, 10024-10031.	3.2	5
24	Highly Diastereoselective Synthesis of a HCV NS5B Nucleoside Polymerase Inhibitor. Journal of Organic Chemistry, 2019, 84, 4780-4795.	3.2	5
25	Gas chromatographic analysis of the thermally unstable dimethyl methylphosphonate carbanion via trimethylsilyl derivatization. Journal of Chromatography A, 2002, 978, 177-183.	3.7	4
26	Process Chemistry in Antiviral Research. Topics in Current Chemistry, 2016, 374, 77.	5.8	4
27	Cluster Preface: Process Chemistry. Synlett, 0, 24, .	1.8	0