Tatsushi Imahori

List of Publications by Year
in descending order

32	1,055	361413 20	454955 30
papers	citations	h-index	g-index

47	47	47	1221
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Azobenzene derivatives show anti-cancer activity against pancreatic cancer cells only under nutrient starvation conditions via G0/G1 cell cycle arrest. Tetrahedron, 2021, 85, 132077.	1.9	3
2	Synthesis and Stereochemical Properties of Chiral Hetero[7]helicenes Structured by a Benzodiheterole Ring Core. Chemistry Letters, 2017, 46, 1214-1216.	1.3	9
3	Stereoselective Intramolecular Dearomatizative [4+2] Cycloaddition of Linked Ethynylnaphtholâ€“Benzofuran Systems. European Journal of Organic Chemistry, 2017, 2017, 6914-6918.	2.4	27
4	Catalytic Aromatic Borylation via in situ-Generated Borenium Species. Heterocycles, 2017, 95, 158.	0.7	23
5	Docking study and biological evaluation of pyrrolidine-based iminosugars as pharmacological chaperones for Gaucher disease. Organic and Biomolecular Chemistry, 2016, 14, 1039-1048.	2.8	46
6	Development of Stereoselective Synthesis of Biologically Active Nitrogen-heterocyclic Compounds: Applications for Syntheses of Natural Product and Organocatalyst. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2016, 74, 335-349.	0.1	7
7	Stimuli-responsive Cooperative Catalysts Based on Dynamic Conformational Changes toward Spatiotemporal Control of Chemical Reactions. Chemistry Letters, 2015, 44, 223-223.	1.3	0
8	Synthesis, stereochemical characteristics, and coordination behavior of 2,2â€™-binaphthyl-1,1â€™-biisoquinoline as a new axially chiral bidentate ligand. Arkivoc, 2015, 2015, 161-175.	0.5	0
9	Stimuli-responsive Cooperative Catalysts Based on Dynamic Conformational Changes toward Spatiotemporal Control of Chemical Reactions. Chemistry Letters, 2014, 43, 1524-1531.	1.3	31
10	Base-catalyzed Schmittel cycloisomerization of o-phenylenediyne-linked bis(arenol)s to indeno[1,2-c]chromenes. Tetrahedron Letters, 2013, 54, 7107-7110.	1.4	52
11	Palladium-catalyzed Tandem Cyclodehydrogenation of o-Phenylenediyne-linked Bis(arenol)s to Produce Benzodifuran-containing Condensed Heteroaromatic Ring Systems. Chemistry Letters, 2013, 42, 1134-1136.	1.3	18
12	Î±-1-C-Butyl-1,4-dideoxy-1,4-imino-<scp>l</scp>-arabinitol as a Second-Generation Iminosugar-Based Oral Î±-Glucosidase Inhibitor for Improving Postprandial Hyperglycemia. Journal of Medicinal Chemistry, 2012, 55, 10347-10362.	6.4	72
13	Asymmetric Synthesis of 2-Propylisofagomine Using Allylic Hydroxy Group Accelerated Ring-Closing Enyne Metathesis. Heterocycles, 2012, 84, 929.	0.7	9
14	An Alternative Approach to para-Câ€“H Arylation of Phenol: Palladium-Catalyzed Tandem Î³-Arylation/Aromatization of 2-Cyclohexen-1-one Derivatives. Organic Letters, 2012, 14, 1172-1175.	4.6	56
15	Azobenzeneâ€Tethered Bis(Trityl Alcohol) as a Photoswitchable Cooperative Acid Catalyst for Moritaâ€“Baylisâ€“Hillman Reactions. Chemistry - A European Journal, 2012, 18, 10802-10807.	3.3	57
16	Synthesis and Stereochemical Behavior of a New Chiral Oxa[7]heterohelicene. Chemistry Letters, 2011, 40, 1343-1345.	1.3	29
17	The synthesis and biological evaluation of 1-C-alkyl-l-arabinoiminofuranoses, a novel class of Î±-glucosidase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 738-741.	2.2	39
18	Development of a new Lewis base-tolerant chiral LBA and its application to catalytic asymmetric protonation reaction. Chemical Communications, 2010, 46, 6980.	4.1	30

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19	Acceleration Effect of an Allylic Hydroxy Group on Ringâ€Closing Enyne Metathesis of Terminal Alkynes: Scope, Application, and Mechanistic Insights. Chemistry - A European Journal, 2008, 14, 10762-10771.	3.3	56
20	Synthesis of both enantiomers of hydroxypipecolic acid derivatives equivalent to 5-azapyranuronic acids and evaluation of their inhibitory activities against glycosidases. Bioorganic and Medicinal Chemistry, 2008, 16, 8273-8286.	3.0	38
21	In vitro inhibition of glycogen-degrading enzymes and glycosidases by six-membered sugar mimics and their evaluation in cell cultures. Bioorganic and Medicinal Chemistry, 2008, 16, 7330-7336.	3.0	58
22	Acceleration effect of allylic hydroxy group on ring-closing enyne metathesis of terminal alkynes: scope and application to the synthesis of isofagomine. Tetrahedron Letters, 2008, 49, 265-268.	1.4	34
23	A New Entry to Carbocyclic Nucleosides: Oxidative Coupling Reaction of Cycloalkenylsilanes with a Nucleobase Mediated by Hypervalent Iodine Reagent. Organic Letters, 2008, 10, 3449-3452.	4.6	22
24	Asymmetric Synthesis of the Antiepileptic Drug Levetiracetam. Heterocycles, 2008, 76, 1627.	0.7	12
25	Deprotonative Zincation of Heteroaromatics Using ZnI2 and tert-Bu-P4 Base. Heterocycles, 2008, 76, 1057.	0.7	7
26	Asymmetric Synthesis of All Stereoisomers of Isofagomine Using [2,3]-Wittig Rearrangement. Heterocycles, 2007, 72, 633.	0.7	21
27	Fluorous Synthesis of Yuehchukene by Î±â€Lithiation of Perfluoroalkylâ€Tagged 1â€(Arylsulfonyl)indole with Mesityllithium. European Journal of Organic Chemistry, 2007, 2007, 4635-4637.	2.4	22
28	NMR Spectroscopic Observation of a Metal-Free Acetylide Anion. Chemistry - an Asian Journal, 2006, 1, 581-585.	3.3	12
29	A Novel Deprotonative Functionalization of Aromatics with Phosphazene Base. ChemInform, 2005, 36, no.	0.0	0
30	Functionalization of Alkynes Catalyzed byt-Bu-P4 Base. Advanced Synthesis and Catalysis, 2004, 346, 1090-1092.	4.3	87
31	A New Strategy for Deprotonative Functionalization of Aromatics:â€‰ Transformations with Excellent Chemoselectivity and Unique Regioselectivities Using t-Bu-P4 Base. Journal of the American Chemical Society, 2003, 125, 8082-8083.	13.7	76
32	Regiocontrolled deprotonative-zincation of bromopyridines using aminozincates. Chemical Communications, 2001, , 2450-2451.	4.1	99