Yoshihiro Natori

List of Publications by Year
in descending order

32 papers	703 citations	687220 13 h-index	552653 26 g-index
40 all docs	40 docs citations	40 times ranked	813 citing authors

#	Article	IF	Citations
1	A Highly Efficacious Carfentanil Vaccine That Blunts Opioid-Induced Antinociception and Respiratory Depression. ACS Chemical Biology, 2021, 16, 277-282.	1.6	16
2	Synthesis and Properties of 4â€²-ThioLNA/BNA. Organic Letters, 2021, 23, 4062-4066.	2.4	6
3	Synthesis of 2â€²-aminouridine derivatives as an organocatalyst for Diels-Alder reaction. Nucleosides, Nucleotides and Nucleic Acids, 2020, 39, 365-383.	0.4	1
4	Homeostatic and pathogenic roles of <scp>GM</scp> 3 ganglioside molecular species in <scp>TLR</scp> 4 signaling in obesity. EMBO Journal, 2020, 39, e101732.	3.5	25
5	Strategy for Designing Selective Lysosomal Acid Î±-Glucosidase Inhibitors: Binding Orientation and Influence on Selectivity. Molecules, 2020, 25, 2843.	1.7	10
6	Palladium-Catalyzed Three-Component Coupling of Ynamides. Organic Letters, 2020, 22, 5299-5303.	2.4	8
7	Synthesis of Drug Vaccine against Heroin Contaminated with Fentanyl and Their Biological Evaluation. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2020, 78, 875-885.	0.0	0
8	A chemically contiguous hapten approach for a heroinâ€“fentanyl vaccine. Beilstein Journal of Organic Chemistry, 2019, 15, 1020-1031.	1.3	22
9	Conjugate vaccine produces long-lasting attenuation of fentanyl vs. food choice and blocks expression of opioid withdrawal-induced increases in fentanyl choice in rats. Neuropsychopharmacology, 2019, 44, 1681-1689.	2.8	56
10	Catalytic asymmetric synthesis of stereoisomers of 1-C-n-butyl-LABs for the SAR study of Î±-glucosidase inhibition. Tetrahedron, 2019, 75, 2866-2876.	1.0	4
11	Efficient Syntheses of Cocaine Vaccines and Their in Vivo Evaluation. ACS Medicinal Chemistry Letters, 2018, 9, 411-416.	1.3	9
12	Synthesis of 4â€²-Thionucleosides as Antitumor and Antiviral Agents. Chemical and Pharmaceutical Bulletin, 2018, 66, 139-146.	0.6	7
13	Efficacious Vaccine against Heroin Contaminated with Fentanyl. ACS Chemical Neuroscience, 2018, 9, 1269-1275.	1.7	44
14	Improved Admixture Vaccine of Fentanyl and Heroin Hapten Immunoconjugates: Antinociceptive Evaluation of Fentanyl-Contaminated Heroin. ACS Omega, 2018, 3, 11537-11543.	1.6	31
15	Glycosylation reactions mediated by hypervalent iodine: application to the synthesis of nucleosides and carbohydrates. Beilstein Journal of Organic Chemistry, 2018, 14, 1595-1618.	1.3	7
16	Palladium-Catalyzed Regioselective Hydroarylation of Ynamides with Aryl Iodides: Easy Synthesis of Various Substituted Enamides Containing Stilbene Derivatives. Synlett, 2017, 28, 2135-2138.	1.0	7
17	Practical Synthesis of 4â€²â€²Thioribonucleosides from <scp>L</scp>â€Arabinose via Novel Reductive Ringâ€Contraction Reaction and Pummererâ€Type Thioglycosylation. Current Protocols in Nucleic Acid Chemistry, 2017, 71, 1.43.1-1.43.12.	0.5	1
18	Docking study and biological evaluation of pyrrolidine-based iminosugars as pharmacological chaperones for Gaucher disease. Organic and Biomolecular Chemistry, 2016, 14, 1039-1048.	1.5	46

#	Article	IF	Citations
19	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.	0.0	7
20	Catalytic asymmetric synthesis of (â^')-E-Î´-viniferin via an intramolecular Câ€“H insertion of diaryldiazomethane using Rh2(S-TFPTTL)4. Tetrahedron Letters, 2015, 56, 4324-4327.	0.7	31
21	Synthesis of a Dihydropyranonucleoside Using an Oxidative Glycosylation ReactionÂ-Mediated by Hypervalent Iodine. Synthesis, 2014, 46, 879-886.	1.2	6
22	Asymmetric synthesis of 2,5-disubstituted 3-hydroxypyrrolidines based on stereodivergent intramolecular iridium-catalyzed allylic aminations. Organic and Biomolecular Chemistry, 2014, 12, 1983.	1.5	23
23	Synthesis and biological evaluation of Î±-1-C-4â€²-arylbutyl-l-arabinoiminofuranoses, a new class of Î±-glucosidase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3298-3301.	1.0	10
24	Design and synthesis of a nucleoside and a phosphonate analogue constructed on a branched-threo-tetrofuranose skeleton. Tetrahedron Letters, 2013, 54, 3949-3952.	0.7	9
25	A New Route to N1-Substituted Uracil Derivatives Using Hypervalent Iodine. Synthesis, 2012, 44, 1163-1170.	1.2	9
26	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.	2.9	72
27	ASYMMETRIC SYNTHESIS OF 1-ALKYL-2-DEOXYIMINOFURANOSES VIA THE IRIDIUM-CATALYZED INTRAMOLECULAR CYCLIZATION OF AN ALLYLIC CARBONATE. Heterocycles, 2012, 86, 1401.	0.4	9
28	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.	1.0	39
29	Synthesis of 5-thiodidehydropyranylcytosine derivatives as potential anti-HIV agents. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 3313-3316.	1.0	12
30	Catalytic enantioselective Câ€“H functionalization of indoles with Î±-diazopropionates using chiral dirhodium(II) carboxylates: asymmetric synthesis of the (+)-Î±-methyl-3-indolylacetic acid fragment of acremoauxin A. Tetrahedron: Asymmetry, 2011, 22, 907-915.	1.8	62
31	Asymmetric Synthesis of Neolignans (â^')-epi-Conocarpan and (+)-Conocarpan via Rh(II)-Catalyzed Câ^'H Insertion Process and Revision of the Absolute Configuration of (â^')-epi-Conocarpan. Journal of Organic Chemistry, 2009, 74, 4418-4421.	1.7	86
32	Enantioselective Synthesis of 3-Arylindan-1-ones via Intramolecular C-H Insertion Reactions of Î±-Diazo-Î²-Ketoesters Catalyzed by Chiral Dirhodium(II) Carboxylates. Heterocycles, 2006, 70, 635.	0.4	26