Atsushi Nakayama

List of Publications by Year
in descending order

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29 papers	607 citations	687363 13 h-index	610901 24 g-index
29 all docs	29 docs citations	29 times ranked	538 citing authors

#	Article	IF	Citations
1	Asymmetric Total Synthesis of a Pentacyclic Lycopodium Alkaloid: Huperzineâ€Q. Angewandte Chemie - International Edition, 2011, 50, 8025-8028.	13.8	88
2	Total Synthesis of [Î¨[C(â•NH)NH]Tpg⁴]Vancomycin and its (4-Chlorobiphenyl)methyl Derivative: Impact of Peripheral Modifications on Vancomycin Analogues Redesigned for Dual <scp>d</scp>-Ala-<scp>d</scp>-Ala and <scp>d</scp>-Ala-<scp>d</scp>-Lac Binding. Journal of the American Chemical Society, 2014, 136, 13522-13525.	13.7	88
3	Total Syntheses and Initial Evaluation of [Î¨[C(â•S)NH]Tpg⁴]vancomycin, [Î¨[C(â•NH)NH]Tpg⁴]vancomycin, [Î¨[CH₂NH]Tpg⁴]vancomycin, and Their (4-Chlorobiphenyl)methyl Derivatives: Synergistic Binding Pocket and Peripheral Modifications for the Glycopeptide Antibiotics. Journal of the American Chemical Society, 2015, 137, 3693-3704.	13.7	77
4	First Asymmetric Total Syntheses of Fawcettimine-Type Lycopodium Alkaloids, Lycoposerramine-C and Phlegmariurine-A. Organic Letters, 2009, 11, 5554-5557.	4.6	55
5	Enzymatic Glycosylation of Vancomycin Aglycon: Completion of a Total Synthesis of Vancomycin and N- and C-Terminus Substituent Effects of the Aglycon Substrate. Organic Letters, 2014, 16, 3572-3575.	4.6	48
6	Total synthesis of palauâ€™amine. Nature Communications, 2015, 6, 8731.	12.8	39
7	Syntheses of Fawcettimine-Type Lycopodium Alkaloids Utilizing the Pauson-Khand Reaction. Synlett, 2012, 23, 2014-2024.	1.8	36
8	Development of 1,3a,6a-triazapentalene-labeled enterobactin as a fluorescence quenching sensor of iron ion. Tetrahedron Letters, 2017, 58, 1961-1964.	1.4	26
9	Highly active and reusable hydrotalcite-supported Pd(0) catalyst for Suzuki coupling reactions of aryl bromides and chlorides. Tetrahedron, 2018, 74, 948-954.	1.9	21
10	Asymmetric Total Syntheses and Structure Revisions of Eurotiumide A and Eurotiumide B, and Their Evaluation as Natural Fluorescent Probes. European Journal of Organic Chemistry, 2018, 2018, 4013-4017.	2.4	16
11	Substituent Effect at the C4-Position of 1,3a,6a-Triazapentalene. Chemical and Pharmaceutical Bulletin, 2016, 64, 830-837.	1.3	15
12	Synthesis of 2,6-Disubstituted-1,3a,6a-Triazapentalenes and Their Fluorescence Properties. Chemistry Letters, 2017, 46, 539-542.	1.3	14
13	Development of a 1,3a,6a-triazapentalene derivative as a compact and thiol-specific fluorescent labeling reagent. Communications Chemistry, 2020, 3, .	4.5	13
14	Synthesis and Evaluation of a 1,3a,6aâ€Triazapentalene (TAP)â€Bonded System. Chemistry - A European Journal, 2018, 24, 17727-17733.	3.3	11
15	Synthesis of functionalized 2,3-dihydropyrroles by oxidative radical cyclization of N-Sulfonyl Î²-enamino esters with alkenes. Tetrahedron, 2016, 72, 2544-2551.	1.9	10
16	Asymmetric Total Syntheses and Structure Elucidations of (+)-Eurotiumide F and (+)-Eurotiumide G. Chemical and Pharmaceutical Bulletin, 2019, 67, 953-958.	1.3	8
17	Concise Total Synthesis of Tronocarpine. Angewandte Chemie - International Edition, 2021, 60, 635-639.	13.8	8
18	A Concise Asymmetric Total Synthesis of (+)-Epilupinine. Organic Letters, 2019, 21, 2620-2624.	4.6	6

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19	Facile Guanidine Formation under Mild Acidic Conditions. Synlett, 2016, 27, 2591-2596.	1.8	5
20	A heterogeneous bifunctional silica-supported Ag₂O/Im⁺Cl^{â^'} catalyst for efficient CO₂ conversion. Catalysis Science and Technology, 2022, 12, 3778-3785.	4.1	5
21	Direct Synthesis of Polycyclic Tropinones by a Condensationâ€"[4+3]â€Cycloaddition Cascade Reaction. Chemistry - A European Journal, 2018, 24, 9508-9513.	3.3	4
22	Selective oxidation of alcohol-d₁ to aldehyde-d₁ using MnO₂. RSC Advances, 2021, 11, 28530-28534.	3.6	4
23	Efficient construction of the hexacyclic ring core of palau'amine: the pKa concept for proceeding with unfavorable equilibrium reactions. Chemical Science, 2021, 12, 12201-12210.	7.4	4
24	Microwave-assisted Tertiary Carbon Radical Reaction for Construction of Quaternary Carbon Center. Chemistry Letters, 2019, 48, 414-417.	1.3	2
25	Stereoselective Synthesis of (2 S ,6 R)â€Diaminoâ€(5 R ,7)â€dihydroxyâ€heptanoic Acid (DADH): An Unusual Amino Acid from Streptomyces sp. SANK 60404. European Journal of Organic Chemistry, 2021, 2021, 1396-1401.	2.4	2
26	Concise Total Synthesis of Tronocarpine. Angewandte Chemie, 2021, 133, 645-649.	2.0	1
27	Stereoselective Syntheses of trans-Anhydromevalonic Acid and trans-Anhydromevalonyl Group-Containing Natural Products. Journal of Natural Products, 2022, , .	3.0	1
28	Development of a novel antioxidant based on a dimeric dihydroisocoumarin derivative. Tetrahedron Letters, 2021, 74, 153176.	1.4	0
29	Asymmetric Total Syntheses and Structure Revision of Eurotiumide A and B, and Evaluation of their Fluorescent Properties as Natural Probes. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2018, 76, 498-501.	0.1	0