

# Atsushi Nakayama

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	A heterogeneous bifunctional silica-supported Ag <sub>2</sub> O/Im <sup>+</sup> Cl <sup>+</sup> catalyst for efficient CO <sub>2</sub> conversion. <i>Catalysis Science and Technology</i> , 2022, 12, 3778-3785.	4.1	5
2	Stereoselective Syntheses of <i>trans</i> -Anhydromevalonic Acid and <i>trans</i> -Anhydromevalonyl Group-Containing Natural Products. <i>Journal of Natural Products</i> , 2022, , .	3.0	1
3	Concise Total Synthesis of Tronocarpine. <i>Angewandte Chemie</i> , 2021, 133, 645-649.	2.0	1
4	Concise Total Synthesis of Tronocarpine. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 635-639.	13.8	8
5	Selective oxidation of alcohol- <i>d</i> <sub>1</sub> to aldehyde- <i>d</i> <sub>1</sub> using MnO <sub>2</sub> . <i>RSC Advances</i> , 2021, 11, 28530-28534.	3.6	4
6	Stereoselective Synthesis of (2 <i>S</i> ,6 <i>R</i> )-Diamino-(5 <i>R</i> ,7)-dihydroxy-heptanoic Acid (DADH): An Unusual Amino Acid from <i>Streptomyces</i> sp. SANK 60404. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 1396-1401.	2.4	2
7	Development of a novel antioxidant based on a dimeric dihydroisocoumarin derivative. <i>Tetrahedron Letters</i> , 2021, 74, 153176.	1.4	0
8	Efficient construction of the hexacyclic ring core of palau'amine: the pKa concept for proceeding with unfavorable equilibrium reactions. <i>Chemical Science</i> , 2021, 12, 12201-12210.	7.4	4
9	Development of a 1,3a,6a-triazapentalene derivative as a compact and thiol-specific fluorescent labeling reagent. <i>Communications Chemistry</i> , 2020, 3, .	4.5	13
10	Asymmetric Total Syntheses and Structure Elucidations of (+)-Eurotiumide F and (+)-Eurotiumide G. <i>Chemical and Pharmaceutical Bulletin</i> , 2019, 67, 953-958.	1.3	8
11	A Concise Asymmetric Total Synthesis of (+)-Epilupinine. <i>Organic Letters</i> , 2019, 21, 2620-2624.	4.6	6
12	Microwave-assisted Tertiary Carbon Radical Reaction for Construction of Quaternary Carbon Center. <i>Chemistry Letters</i> , 2019, 48, 414-417.	1.3	2
13	Highly active and reusable hydrotalcite-supported Pd(0) catalyst for Suzuki coupling reactions of aryl bromides and chlorides. <i>Tetrahedron</i> , 2018, 74, 948-954.	1.9	21
14	Direct Synthesis of Polycyclic Tropinones by a Condensation <sup>[4+3]</sup> Cycloaddition Cascade Reaction. <i>Chemistry - A European Journal</i> , 2018, 24, 9508-9513.	3.3	4
15	Synthesis and Evaluation of a 1,3a,6a-Triazapentalene (TAP)-Bonded System. <i>Chemistry - A European Journal</i> , 2018, 24, 17727-17733.	3.3	11
16	Asymmetric Total Syntheses and Structure Revisions of Eurotiumide A and Eurotiumide B, and Their Evaluation as Natural Fluorescent Probes. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4013-4017.	2.4	16
17	Asymmetric Total Syntheses and Structure Revision of Eurotiumide A and B, and Evaluation of their Fluorescent Properties as Natural Probes. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2018, 76, 498-501.	0.1	0
18	Synthesis of 2,6-Disubstituted-1,3a,6a-Triazapentalenes and Their Fluorescence Properties. <i>Chemistry Letters</i> , 2017, 46, 539-542.	1.3	14

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19	Development of 1,3a,6a-triazapentalene-labeled enterobactin as a fluorescence quenching sensor of iron ion. <i>Tetrahedron Letters</i> , 2017, 58, 1961-1964.	1.4	26
20	Facile Guanidine Formation under Mild Acidic Conditions. <i>Synlett</i> , 2016, 27, 2591-2596.	1.8	5
21	Substituent Effect at the C4-Position of 1,3a,6a-Triazapentalene. <i>Chemical and Pharmaceutical Bulletin</i> , 2016, 64, 830-837.	1.3	15
22	Synthesis of functionalized 2,3-dihydropyrroles by oxidative radical cyclization of N-Sulfonyl $\beta^2$ -enamino esters with alkenes. <i>Tetrahedron</i> , 2016, 72, 2544-2551.	1.9	10
23	Total Syntheses and Initial Evaluation of [ $\beta^1$ -C( $\beta^5$ )NH]Tpg <sup>4</sup> vancomycin, [ $\beta^1$ -C( $\beta^4$ )NH]Tpg <sup>4</sup> vancomycin, [ $\beta^1$ -CH <sub>2</sub> NH]Tpg <sup>4</sup> vancomycin, and Their (4-Chlorobiphenyl)methyl Derivatives: Synergistic Binding Pocket and Peripheral Modifications for the Glycopeptide Antibiotics. <i>Journal of the American Chemical Society</i> , 2015, 137, 3693-3704.	13.7	77
24	Total synthesis of palau <sup>TM</sup> amine. <i>Nature Communications</i> , 2015, 6, 8731.	12.8	39
25	Total Synthesis of [ $\beta^1$ -C( $\beta^4$ )NH]Tpg <sup>4</sup> Vancomycin and its (4-Chlorobiphenyl)methyl Derivative: Impact of Peripheral Modifications on Vancomycin Analogues Redesigned for Dual $\beta^1$ -Ala- $\beta^1$ -Ala and $\beta^1$ -Ala- $\beta^1$ -Lac Binding. <i>Journal of the American Chemical Society</i> , 2014, 136, 13522-13525.	13.7	88
26	Enzymatic Glycosylation of Vancomycin Aglycon: Completion of a Total Synthesis of Vancomycin and N- and C-Terminus Substituent Effects of the Aglycon Substrate. <i>Organic Letters</i> , 2014, 16, 3572-3575.	4.6	48
27	Syntheses of Fawcettimine-Type Lycopodium Alkaloids Utilizing the Pauson-Khand Reaction. <i>Synlett</i> , 2012, 23, 2014-2024.	1.8	36
28	Asymmetric Total Synthesis of a Pentacyclic Lycopodium Alkaloid: Huperzine <sup>®</sup> . <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8025-8028.	13.8	88
29	First Asymmetric Total Syntheses of Fawcettimine-Type Lycopodium Alkaloids, Lycoposerramine-C and Phlegmariurine-A. <i>Organic Letters</i> , 2009, 11, 5554-5557.	4.6	55