

# Yoichi Nakao

## List of Publications by Year in descending order

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48  
papers

1,226  
citations

394421

19  
h-index

395702

33  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1826  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inâ€¦Vivo Gold Complex Catalysis within Live Mice. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3579-3584.	13.8	129
2	Azumamides Aâ€“E: Histone Deacetylase Inhibitory Cyclic Tetrapeptides from the Marine Sponge <i>Mycale izuensis</i> . <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7553-7557.	13.8	105
3	The Kapakahines, Cyclic Peptides from the Marine Sponge <i>Cribrochalina olemda</i> . <i>Journal of Organic Chemistry</i> , 1996, 61, 7168-7173.	3.2	90
4	Enzyme Inhibitors from Marine Invertebrates. <i>Journal of Natural Products</i> , 2007, 70, 689-710.	3.0	82
5	Total Synthesis of Azumamide A and Azumamide E, Evaluation as Histone Deacetylase Inhibitors, and Design of a More Potent Analogue. <i>Organic Letters</i> , 2007, 9, 1105-1108.	4.6	57
6	Callyspongynic Acid, a Polyacetylenic Acid Which Inhibits $\beta$ -Glucosidase, from the Marine Sponge <i>Callyspongiatruncata</i> 1. <i>Journal of Natural Products</i> , 2002, 65, 922-924.	3.0	52
7	Pseudotheonamides, Serine Protease Inhibitors from the Marine Sponge <i>Theonella swinhoei</i> 1. <i>Journal of the American Chemical Society</i> , 1999, 121, 2425-2431.	13.7	51
8	Identification of Renieramycin A as an Antileishmanial Substance in a Marine Sponge <i>Neopetrosia</i> sp.. <i>Marine Drugs</i> , 2004, 2, 55-62.	4.6	51
9	Inhibition of protein SUMOylation by davidiin, an ellagitannin from <i>Davidia involucrata</i> . <i>Journal of Antibiotics</i> , 2014, 67, 335-338.	2.0	39
10	Penasulfate A, a New $\beta$ -Glucosidase Inhibitor from a Marine Sponge <i>Penares</i> sp.. <i>Journal of Natural Products</i> , 2004, 67, 1346-1350.	3.0	34
11	Ciliatamides Aâ€“C, Bioactive Lipopeptides from the Deep-Sea Sponge <i>Aaptos ciliata</i> . <i>Journal of Natural Products</i> , 2008, 71, 469-472.	3.0	34
12	(Z)-Sarcodictyin A, a New Highly Cytotoxic Diterpenoid from the Soft Coral <i>Bellonella albiflora</i> . <i>Journal of Natural Products</i> , 2003, 66, 524-527.	3.0	33
13	Piceatannol is superior to resveratrol in promoting neural stem cell differentiation into astrocytes. <i>Food and Function</i> , 2016, 7, 4432-4441.	4.6	30
14	A Genetically Encoded FRET Probe to Detect Intranucleosomal Histone H3K9 or H3K14 Acetylation Using BRD4, a BET Family Member. <i>ACS Chemical Biology</i> , 2016, 11, 729-733.	3.4	29
15	A quantitative shRNA screen identifies ATP1A1 as a gene that regulates cytotoxicity by aurilide B. <i>Scientific Reports</i> , 2017, 7, 2002.	3.3	28
16	Inâ€¦Vivo Gold Complex Catalysis within Live Mice. <i>Angewandte Chemie</i> , 2017, 129, 3633-3638.	2.0	25
17	Evaluation of antiangiogenic activity of azumamides by the in vitro vascular organization model using mouse induced pluripotent stem (iPS) cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 2982-2984.	2.2	24
18	Direct Guanylation of Amino Groups by Cyanamide in Water: Catalytic Generation and Activation of Unsubstituted Carbodiimide by Scandium(III) Triflate. <i>Synlett</i> , 2014, 25, 1302-1306.	1.8	22

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19	Histone modification dynamics as revealed by a multicolor immunofluorescence-based single-cell analysis. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	19
20	Halistanol sulfates I and J, new SIRT1-inhibitory steroid sulfates from a marine sponge of the genus <i>Halichondria</i> . <i>Journal of Antibiotics</i> , 2018, 71, 273-278.	2.0	18
21	Disrupting tumor onset and growth via selective cell tagging (SeCT) therapy. <i>Science Advances</i> , 2021, 7, .	10.3	17
22	A Soft Spot for Chemistry—Current Taxonomic and Evolutionary Implications of Sponge Secondary Metabolite Distribution. <i>Marine Drugs</i> , 2021, 19, 448.	4.6	17
23	Efficient biallelic knock-in in mouse embryonic stem cells by in vivo-linearization of donor and transient inhibition of DNA polymerase $\beta$ /DNA-PK. <i>Scientific Reports</i> , 2021, 11, 18132.	3.3	16
24	Insights on pregnane-X-receptor modulation. Natural and semisynthetic steroids from <i>Theonella</i> marine sponges. <i>European Journal of Medicinal Chemistry</i> , 2014, 73, 126-134.	5.5	14
25	Kakeromamide A, a new cyclic pentapeptide inducing astrocyte differentiation isolated from the marine cyanobacterium <i>Moorea bouillonii</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2206-2209.	2.2	14
26	One-pot Evolution of Ageladine...A through a Bio-inspired Cascade towards Selective Modulators of Neuronal Differentiation. <i>Chemistry - A European Journal</i> , 2016, 22, 14707-14716.	3.3	13
27	Sameuramide A, a new cyclic depsipeptide isolated from an ascidian of the family Didemnidae. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 3852-3857.	3.0	12
28	Cancer cell targeting driven by selective polyamine reactivity with glycine propargyl esters. <i>Chemical Communications</i> , 2017, 53, 8403-8406.	4.1	11
29	An epigenetic regulatory element of the Nodal gene in the mouse and human genomes. <i>Mechanisms of Development</i> , 2015, 136, 143-154.	1.7	10
30	<i>In vivo</i> metal-catalyzed SeCT therapy by a proapoptotic peptide. <i>Chemical Science</i> , 2021, 12, 12266-12273.	7.4	10
31	Effect of mycalolides isolated from a marine sponge <i>Mycale aff. nullarosette</i> on actin in living cells. <i>Scientific Reports</i> , 2019, 9, 7540.	3.3	9
32	Identification of zinc finger transcription factor EGR2 as a novel acetylated protein. <i>Biochemical and Biophysical Research Communications</i> , 2017, 489, 455-459.	2.1	8
33	Combinatorial Effects of Soluble, Insoluble, and Organic Extracts from Jerusalem Artichokes on Gut Microbiota in Mice. <i>Microorganisms</i> , 2020, 8, 954.	3.6	8
34	Triggering Growth via Growth Initiation Factors in Nature: A Putative Mechanism for <i>in situ</i> Cultivation of Previously Uncultivated Microorganisms. <i>Frontiers in Microbiology</i> , 2021, 12, 537194.	3.5	8
35	Marine Invertebrates: Sponges. , 2010, , 327-362.		7
36	Assay methods for small ubiquitin-like modifier (SUMO)—SUMO-interacting motif (SIM) interactions <i>in vivo</i> and <i>in vitro</i> using a split-luciferase complementation system. <i>Analytical Biochemistry</i> , 2014, 448, 92-94.	2.4	7

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37	Efficient route to RIKEN click probes for glycoconjugation. <i>Journal of Carbohydrate Chemistry</i> , 2019, 38, 127-138.	1.1	7
38	Synthesis and antileishmanial activity of the core structure of cristaxenicin A. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 4355-4357.	2.2	6
39	Epigenetic effects of insecticides on early differentiation of mouse embryonic stem cells. <i>Toxicology in Vitro</i> , 2021, 75, 105174.	2.4	6
40	Coronarin D, a Metabolite from the Wild Turmeric, <i>Curcuma aromatica</i> , Promotes the Differentiation of Neural Stem Cells into Astrocytes. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 3300-3309.	5.2	6
41	Dolabellol A, a New Halogenated Diterpene Isolated from the Opisthobranch <i>Dolabella auricularia</i> . <i>Chemistry Letters</i> , 2017, 46, 1676-1678.	1.3	5
42	The Efficacy of Marine Natural Products Against <i>Plasmodium falciparum</i> . <i>Journal of Parasitology</i> , 2021, 107, 284-288.	0.7	5
43	Mutualistic relationship between <i>Nitrospira</i> and concomitant heterotrophs. <i>Environmental Microbiology Reports</i> , 2022, 14, 130-137.	2.4	5
44	Total Synthesis and Biological Evaluation of Kakeromamide A and Its Analogues. <i>Frontiers in Chemistry</i> , 2020, 8, 410.	3.6	4
45	Small-Scale Preparation of Fluorescently Labeled Chemical Probes from Marine Cyclic Peptides, Kapakahines A and F. <i>Marine Drugs</i> , 2021, 19, 76.	4.6	3
46	Anti-malarial activity in a Chinese herbal supplement containing <i>Inonotus obliquus</i> and <i>Panax notoginseng</i> . <i>Parasitology International</i> , 2022, 87, 102532.	1.3	1
47	Article title: In Vivo Gold Complex Catalysis within Live Mice ( <i>Angew. Chem.</i> 13/2017). <i>Angewandte Chemie</i> , 2017, 129, 3778-3778.	2.0	0
48	Preparation and Application of a Chemical Probe for Identifying the Targets of the Marine Cyclic Peptide Kapakahine A. <i>Molecules</i> , 2022, 27, 1072.	3.8	0