

# Masayuki Igarashi

## List of Publications by Year in descending order

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29  
papers

1,009  
citations

471509

17  
h-index

477307

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

959  
citing authors

#	ARTICLE	IF	CITATIONS
1	Caprazamycin B, a Novel Anti-tuberculosis Antibiotic, from <i>Streptomyces</i> sp.. <i>Journal of Antibiotics</i> , 2003, 56, 580-583.	2.0	153
2	Caprazamycins, Novel Lipo-nucleoside Antibiotics, from <i>Streptomyces</i> sp.. <i>Journal of Antibiotics</i> , 2005, 58, 327-337.	2.0	134
3	Inhibition of the First Step in Synthesis of the Mycobacterial Cell Wall Core, Catalyzed by the GlcNAc-1-phosphate Transferase WecA, by the Novel Caprazamycin Derivative CPZEN-45. <i>Journal of Biological Chemistry</i> , 2013, 288, 30309-30319.	3.4	107
4	Novel semisynthetic antibiotics from caprazamycins A-G: caprazene derivatives and their antibacterial activity. <i>Journal of Antibiotics</i> , 2013, 66, 171-178.	2.0	65
5	Walkmycin B targets Walk (YycG), a histidine kinase essential for bacterial cell growth. <i>Journal of Antibiotics</i> , 2010, 63, 89-94.	2.0	64
6	Waldiomycin, a novel Walk-histidine kinase inhibitor from <i>Streptomyces</i> sp. MK844-mF10. <i>Journal of Antibiotics</i> , 2013, 66, 459-464.	2.0	48
7	Tubelactomicin A, a Novel 16-Membered Lactone Antibiotic, from <i>Nocardia</i> sp. I. Taxonomy, Production, Isolation and Biological Properties.. <i>Journal of Antibiotics</i> , 2000, 53, 1096-1101.	2.0	44
8	<i>Nocardia vinacea</i> sp. nov.. <i>Nihon Hosenkin Gakkai Shi = Actinomycetologica</i> , 2001, 15, 1-5.	0.3	43
9	Isolation and Characterization of Signermycin B, an Antibiotic That Targets the Dimerization Domain of Histidine Kinase Walk. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 3657-3663.	3.2	41
10	Amycolamicin: A Novel Broad-Spectrum Antibiotic Inhibiting Bacterial Topoisomerase. <i>Chemistry - A European Journal</i> , 2012, 18, 15772-15781.	3.3	39
11	Angucycline antibiotic waldiomycin recognizes common structural motif conserved in bacterial histidine kinases. <i>Journal of Antibiotics</i> , 2017, 70, 251-258.	2.0	32
12	Total Synthesis of (â)â€Caprazamycinâ€A. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3136-3139.	13.8	29
13	Total Synthesis of Caprazamycin A: Practical and Scalable Synthesis of <i>syn</i>-Î²-Hydroxyamino Acids and Introduction of a Fatty Acid Side Chain to 1,4-Diazepanone. <i>Journal of the American Chemical Society</i> , 2019, 141, 8527-8540.	13.7	24
14	Fradiamine A, a new siderophore from the deep-sea actinomycete <i>Streptomyces fradiae</i> MM456M-mF7. <i>Journal of Antibiotics</i> , 2017, 70, 611-615.	2.0	23
15	Sealutomycins, new enediyne antibiotics from the deep-sea actinomycete <i>Nonomuraea</i> sp. MM565M-173N2. <i>Journal of Antibiotics</i> , 2021, 74, 291-299.	2.0	23
16	New natural products to meet the antibiotic crisis: a personal journey. <i>Journal of Antibiotics</i> , 2019, 72, 890-898.	2.0	21
17	New antituberculous drugs derived from natural products: current perspectives and issues in antituberculous drug development. <i>Journal of Antibiotics</i> , 2018, 71, 15-25.	2.0	20
18	Tubelactomicin A, a Novel 16-Membered Lactone Antibiotic, from <i>Nocardia</i> sp. II. Structure Elucidation.. <i>Journal of Antibiotics</i> , 2000, 53, 1102-1107.	2.0	18

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19	Novel autophagy inducers lentztrehaloses A, B and C. <i>Journal of Antibiotics</i> , 2015, 68, 521-529.	2.0	16
20	Development of new antituberculosis drugs from natural products. <i>Bioscience, Biotechnology and Biochemistry</i> , 2017, 81, 32-37.	1.3	15
21	Quantitative monitoring of His and Asp phosphorylation in a bacterial signaling system by using Phos-tag Magenta/Cyan fluorescent dyes. <i>Electrophoresis</i> , 2019, 40, 3005-3013.	2.4	15
22	Synthesis and biological activity of analogs of CPZEN-45, a novel antituberculosis drug. <i>Journal of Antibiotics</i> , 2019, 72, 970-980.	2.0	10
23	Biosynthesis of the antituberculous agent caprazamycin: Identification of caprazol-3-phosphate, an unprecedented caprazamycin-related metabolite. <i>Journal of General and Applied Microbiology</i> , 2016, 62, 164-166.	0.7	9
24	Some Biological and Biochemical Activities of Resormycin, a Novel Herbicidal Antibiotic.. <i>Journal of Antibiotics</i> , 2001, 54, 1072-1079.	2.0	5
25	Total Synthesis of (S)-Caprazamycin...A. <i>Angewandte Chemie</i> , 2015, 127, 3179-3182.	2.0	5
26	A new indole glycoside from <i>Kitasatospora</i> sp. MG372-hF19 carrying a 6-deoxy-L-talopyranose moiety. <i>Journal of Antibiotics</i> , 2020, 73, 167-170.	2.0	2
27	Saccharobiprimicin, a new antibiotic from the leaf-litter actinomycete <i>Saccharothrix</i> sp. MM696L-181F4. <i>Journal of Antibiotics</i> , 2021, 74, 470-473.	2.0	1
28	The potent protein phosphatase 2A inhibitors aminocytostatins: new derivatives of cytoostatin. <i>Journal of Antibiotics</i> , 2021, 74, 743-751.	2.0	1
29	Isolation of new derivatives of the 20-membered macrodiolide bispolide from <i>Kitasatospora</i> sp. MG372-hF19. <i>Journal of Antibiotics</i> , 2022, 75, 77-85.	2.0	1