

Seijiro Hosokawa

List of Publications by Year in descending order

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49
papers

1,269
citations

331670

21
h-index

377865

34
g-index

52
all docs

52
docs citations

52
times ranked

992
citing authors

#	ARTICLE	IF	CITATIONS
1	Remote Asymmetric Induction with Vinylketene Silyl N,O-Acetal. Journal of the American Chemical Society, 2004, 126, 13604-13605.	13.7	181
2	Enantioselective Total Synthesis of Convolutamydines B and E. Organic Letters, 2006, 8, 677-679.	4.6	114
3	Total Synthesis of Selected Bioactive Natural Products: An Illustration of Strategy and Design. Chemical Reviews, 2005, 105, 4707-4729.	47.7	75
4	The first total synthesis of trichostatin D. Tetrahedron Letters, 2005, 46, 333-337.	1.4	61
5	Total Synthesis of Khafrefungin Using Highly Stereoselective Vinylogous Mukaiyama Aldol Reaction. Organic Letters, 2007, 9, 849-852.	4.6	55
6	Asymmetric Vinylogous Mukaiyama Aldol Reactions Using Vinylketene N,O-Acetals in Total Syntheses of Natural Products. Mini-Reviews in Organic Chemistry, 2008, 5, 1-18.	1.3	51
7	The first total synthesis and structural determination of actinopyrone A. Tetrahedron Letters, 2006, 47, 5415-5418.	1.4	42
8	Recent development of vinylogous Mukaiyama aldol reactions. Tetrahedron Letters, 2018, 59, 77-88.	1.4	41
9	<i>Syn</i> -Selective Kobayashi Aldol Reaction Using the <i>E,E</i> -Vinylketene Silyl N,O-Acetal. Organic Letters, 2012, 14, 5298-5301.	4.6	40
10	The first total synthesis and structural determination of epi-cochlioquinone A. Tetrahedron Letters, 2010, 51, 5532-5536.	1.4	39
11	<i>Syn</i> -Selective Kobayashi Aldol Reaction Using Acetals. Organic Letters, 2013, 15, 678-681.	4.6	35
12	Total syntheses of bioactive natural products from carbohydrates. Science and Technology of Advanced Materials, 2006, 7, 397-410.	6.1	32
13	Total Synthesis of an Anti- <i>Helicobacter pylori</i> Agent, Actinopyrone A. Chemistry - an Asian Journal, 2008, 3, 1415-1421.	3.3	31
14	The first total synthesis of lactonamycin, a hexacyclic antitumor antibiotic. Tetrahedron Letters, 2010, 51, 5546-5549.	1.4	31
15	Remote Asymmetric Induction Reactions using a <i>E,E</i> -Vinylketene Silyl N,O-Acetal and the Wide Range Stereocontrol Strategy for the Synthesis of Polypropionates. Accounts of Chemical Research, 2018, 51, 1301-1314.	15.6	31
16	Chemokine Receptor CCR8 Is Required for Lipopolysaccharide-Triggered Cytokine Production in Mouse Peritoneal Macrophages. PLoS ONE, 2014, 9, e94445.	2.5	29
17	The first total synthesis of hibarimicinone, a potent v-Src tyrosine kinase inhibitor. Tetrahedron Letters, 2012, 53, 422-425.	1.4	26
18	Total syntheses of polyketide-derived bioactive natural products. Chemical Record, 2006, 6, 217-233.	5.8	25

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19	The first total synthesis and structural determination of (+)-BE-52440A. <i>Tetrahedron Letters</i> , 2007, 48, 8018-8021.	1.4	25
20	Total Synthesis of Hibarimicinone, a β -Tyrosine Kinase Inhibitor Possessing the Pseudo-Dimer Structure of Tetracycline. <i>Chemical Record</i> , 2014, 14, 28-40.	5.8	24
21	The first total synthesis and structural determination of benzopyrenomycin. <i>Tetrahedron Letters</i> , 2009, 50, 6701-6704.	1.4	22
22	Stereoselective Acylation of the <i>E,E</i> -Vinylketene Silyl <i>N,O</i> -Acetal and Its Application to the Synthesis of Khafrefungin. <i>Organic Letters</i> , 2014, 16, 4106-4109.	4.6	22
23	Concise Synthesis of Reduced Propionates by Stereoselective Reductions Combined with the Kobayashi Reaction. <i>Organic Letters</i> , 2013, 15, 3170-3173.	4.6	21
24	The first total synthesis and structural determination of antibiotics K1115 B1s (alnumycins). <i>Tetrahedron Letters</i> , 2011, 52, 983-986.	1.4	19
25	Stereoselective Alkylation of the Vinylketene Silyl <i>N,O</i> -Acetal and Its Application to the Synthesis of Mycocerosic Acid. <i>Organic Letters</i> , 2016, 18, 132-135.	4.6	19
26	Remote Asymmetric Induction Using Acetate-Type Vinylketene Silyl <i>N,O</i> -Acetals. <i>Organic Letters</i> , 2017, 19, 198-201.	4.6	18
27	<i>Syn</i> Selective Vinylogous Mukaiyama Aldol Reaction Using <i>Z,E</i> -Vinylketene <i>N,O</i> -Acetal with Acetals. <i>Organic Letters</i> , 2017, 19, 250-253.	4.6	16
28	Development of Enolate Chemistry and Total Syntheses of Bioactive Natural Products. Yuki Gosei Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 2009, 67, 24-37.	0.1	15
29	Stereoselective Synthesis of Tabtoxinine- β -lactam by Using the Vinylogous Mukaiyama Aldol Reaction with Acetate-Type Vinylketene Silyl <i>N,O</i> -Acetal and β -Keto- β -lactam. <i>Organic Letters</i> , 2017, 19, 2530-2532.	4.6	14
30	Synthetic Studies on Aculeximycin: Synthesis of C24-C40 Segment by Kobayashi Aldolization and Epoxide Rearrangements. <i>Organic Letters</i> , 2015, 17, 2274-2277.	4.6	13
31	Total Syntheses of Stoloniferol B and Penicitol A, and Structural Revision of Fusaraisochromanone. <i>Organic Letters</i> , 2018, 20, 3021-3024.	4.6	13
32	Total synthesis of exigurin: the Ugi reaction in a hypothetical biosynthesis of natural products. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 687-693.	2.8	12
33	Remote Asymmetric Bromination Reaction with Vinylketene Silyl <i>N,O</i> -Acetal and Its Application to Total Synthesis of Pellasoren A. <i>Organic Letters</i> , 2017, 19, 2394-2397.	4.6	10
34	The first total synthesis and structural determination of TMC-264. <i>Tetrahedron Letters</i> , 2008, 49, 4036-4039.	1.4	9
35	Stereoselective Synthesis of the C27-C48 Moiety of Aflastatin A by a Carbohydrate Strategy Using a Tin(II)-Mediated Aldol Reaction. <i>Synlett</i> , 2015, 26, 2437-2441.	1.8	7
36	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

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37	Total Synthesis of PF1163B. <i>Synlett</i> , 2019, 30, 709-712.	1.8	6
38	Concise Synthesis of 6-Formylindolo[3,2- <i>b</i>]carbazole (FICZ). <i>Chemistry Letters</i> , 2014, 43, 1932-1934.	1.3	5
39	Bioinspired Synthesis of the Central Core of Halichonadin H: The Passerini Reaction in a Hypothetical Biosynthesis of Marine Natural Products. <i>Synthesis</i> , 2019, 51, 2305-2310.	2.3	5
40	2-Isopropylbenzimidazole and 2-methylbenzimidazole as bulky proton sources: Stereoselective protonation and application to the synthesis of $\hat{1}^3$ - and $\hat{1}^4$ -lactones. <i>Tetrahedron Letters</i> , 2019, 60, 411-414.	1.4	5
41	Total Synthesis and Structural Determination of XR774, a Tyrosine Kinase Inhibitor. <i>Journal of Organic Chemistry</i> , 2018, 83, 7010-7018.	3.2	4
42	Remote Asymmetric Induction Reactions and Wide Range Stereocontrol Strategy for Synthesis of Polypropionates. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2017, 75, 831-849.	0.1	4
43	Total Synthesis of PDIM A. <i>Chemistry Letters</i> , 2016, 45, 550-551.	1.3	3
44	Trimethylphosphine-Promoted Alcoholysis of $\hat{1}^{\pm}, \hat{1}^2$ -Unsaturated Imides and $\hat{1}^{\pm}, \hat{1}^2$ -Unsaturated Esters. <i>Synthesis</i> , 2018, 50, 1343-1349.	2.3	3
45	Synthesis of C3â€“C21 Segment of Aflastatin A Using Remote Asymmetric Induction Reactions. <i>Organic Letters</i> , 2019, 21, 758-761.	4.6	3
46	Synthesis of Karrikinolide Using the Aldol-Type Acetal Addition Reaction. <i>Journal of Organic Chemistry</i> , 2020, 85, 3936-3941.	3.2	3
47	Synthesis of the C1â€“C17 Segment of Bafilomycin N. <i>Synlett</i> , 2019, 30, 577-580.	1.8	2
48	Iodide-Mediated [3 + 2]-Cycloaddition Reaction with <i>N</i> -Tosylaziridines and $\hat{1}^{\pm}, \hat{1}^2$ -Unsaturated Ketones. <i>Journal of Organic Chemistry</i> , 2021, 86, 7787-7796.	3.2	2
49	Synthesis of Polyacetate and Acetate-propionate Hybrid-type Polyketides Using Novel Remote Asymmetric Induction Reactions. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2021, 79, 109-119.	0.1	0