Tadashi Katoh

List of Publications by Year
in descending order

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35	747	430874	526287
papers	citations	18 h-index	27 g-index

35	35	35	704
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Total Synthesis of the Bicyclic Depsipeptide HDAC Inhibitors Spiruchostatins A and B, 5â€²â€²â€epiâ€Spiruchostatin B, FK228 (FR901228) and Preliminary Evaluation of Their Biological Activity. Chemistry - A European Journal, 2009, 15, 11174-11186.	3.3	61
2	An efficient synthesis of (+)-aureol via boron trifluoride etherate-promoted rearrangement of (+)-arenarol. Tetrahedron Letters, 2002, 43, 6929-6932.	1.4	50
3	Highly Efficient Total Synthesis of the Marine Natural Products (+)â€Avarone, (+)â€Avarol, (â^')â€Neoavarone, (â^')â€Neoavarol and (+)â€Aureol. Chemistry - A European Journal, 2008, 14, 829-837.	3.3	50
4	A New Strategy toward the Total Synthesis of Stachyflin, A Potent Anti-Influenza A Virus Agent:â€‰ Concise Route to the Tetracyclic Core Structure. Organic Letters, 2002, 4, 4483-4486.	4.6	46
5	Studies toward the Total Synthesis of Popolohuanone E:â€‰ Enantioselective Synthesis of 8-O-MethylpopolohuanoneE. Organic Letters, 2001, 3, 2701-2704.	4.6	43
6	Romidepsin (<scp>FK</scp>228) and its analogs directly inhibit phosphatidylinositol 3â€kinase activity and potently induce apoptosis as histone deacetylase/phosphatidylinositol 3â€kinase dual inhibitors. Cancer Science, 2012, 103, 1994-2001.	3.9	43
7	Total synthesis of spiruchostatin B, a potent histone deacetylase inhibitor, from a microorganism. Chemical Communications, 2008, , 1677.	4.1	37
8	Enantioselective Total Synthesis of (+)â€Stachyflin: A Potential Antiâ€Influenza A Virus Agent Isolated from a Microorganism. European Journal of Organic Chemistry, 2011, 2011, 2948-2957.	2.4	35
9	Enantioselective Total Synthesis of Dysidavarone A, a Novel Sesquiterpenoid Quinone from the Marine Sponge Dysidea avara. Chemistry - A European Journal, 2014, 20, 2436-2439.	3.3	27
10	Biogenetically Inspired Total Synthesis of (+)â€Liphagal: A Potent and Selective Phosphoinositide 3â€Kinase Î± (PI3KÎ±) Inhibitor from the Marine Sponge Aka coralliphaga. European Journal of Organic Chemistry, 2014, 2014, 3443-3450.	2.4	26
11	Total Synthesis of Spiruchostatin A â€" A Potent Histone Deacetylase Inhibitor. Heterocycles, 2008, 76, 275.	0.7	25
12	Total synthesis of bicyclic depsipeptides spiruchostatins C and D and investigation of their histone deacetylase inhibitory and antiproliferative activities. European Journal of Medicinal Chemistry, 2013, 60, 295-304.	5.5	25
13	Synthesis and biological evaluation of novel FK228 analogues as potential isoform selective HDAC inhibitors. European Journal of Medicinal Chemistry, 2016, 121, 592-609.	5.5	25
14	Studies toward the total synthesis of (â^')-kampanol A: an efficient construction of the ABCD ring system. Tetrahedron Letters, 2002, 43, 7937-7940.	1.4	23
15	Total Synthesis of Bauhinoxepin J: A Biologically Active Dibenzo[b,f]oxepin Isolated from Bauhinia purpurea. European Journal of Organic Chemistry, 2011, 2011, 4985-4988.	2.4	23
16	Synthetic studies of kampanols, novel p21ras farnesyltransferase inhibitors: an efficient synthesis of the tetracyclic ABCD ring system of kampanols. Tetrahedron, 2003, 59, 8763-8773.	1.9	22
17	Enantioselective Total Synthesis of (â€")â€Subglutinols A and B: Potential Immunosuppressive Agents Isolated from a Microorganism. European Journal of Organic Chemistry, 2011, 2011, 5020-5030.	2.4	21
18	Total Synthesis of (+)â€Strongylin A, a Rearranged Sesquiterpenoid Hydroquinone from a Marine Sponge. European Journal of Organic Chemistry, 2013, 2013, 4558-4563.	2.4	19

#	Article	IF	Citations
19	Unified Synthesis of the Marine Sesquiterpene Quinones (+)â€Smenoqualone, (â€“)â€Ilimaquinone, (+)â€Smenospongine, and (+)â€Isospongiaquinone. European Journal of Organic Chemistry, 2017, 2017, 3837-3849.	2.4	17
20	Total synthesis of burkholdacs A and B and 5,6,20-tri-epi-burkholdac A: HDAC inhibition and antiproliferative activity. European Journal of Medicinal Chemistry, 2014, 76, 301-313.	5.5	15
21	Spiruchostatin A and B, novel histone deacetylase inhibitors, induce apoptosis through reactive oxygen species-mitochondria pathway in human lymphoma U937 cells. Chemico-Biological Interactions, 2014, 221, 24-34.	4.0	14
22	Antitumor activity and pharmacologic characterization of the depsipeptide analog as a novel histone deacetylase/ phosphatidylinositol 3â€kinase dual inhibitor. Cancer Science, 2017, 108, 1469-1475.	3.9	14
23	Predicting the structures of complexes between phosphoinositide 3-kinase (PI3K) and romidepsin-related compounds for the drug design of PI3K/histone deacetylase dual inhibitors using computational docking and the ligand-based drug design approach. Journal of Molecular Graphics and Modelling, 2014, 54, 46-53.	2.4	13
24	A novel approach to sesquiterpenoid benzoxazole synthesis from marine sponges: nakijinols A, B and Eâ€“G. Organic and Biomolecular Chemistry, 2018, 16, 3639-3647.	2.8	13
25	Synthesis of Î²â€Lapachone, a Potential Anticancer Agent from the Lapacho Tree. European Journal of Organic Chemistry, 2014, 2014, 7099-7103.	2.4	9
26	In Vitro and in Vivo antitumor activity and the mechanism of siphonodictyal B in human colon cancer cells. Cancer Medicine, 2019, 8, 5662-5672.	2.8	9
27	A NEW ENTRY TO THE SYNTHESIS OF PRIMIN VIA A B-ALKYL SUZUKIâ€“MIYAURA CROSS-COUPLING REACTION. Heterocycles, 2012, 86, 985.	0.7	8
28	Enantioselective Total Synthesis of (â€“)â€Siphonodictyal B and (+)â€8â€epiâ€Siphonodictyal B with Phosphatidylinositol 3â€Kinase Î± (PI3KÎ±) Inhibitory Activity. European Journal of Organic Chemistry, 2016, 2016, 5659-5666.	2.4	8
29	Total Synthesis of Marine Sesquiterpene Quinones (+)â€Cyclospongiaquinoneâ€1 and (â€“)â€Dehydrocyclospongiaquinoneâ€1 with a Tetracyclic Benzo[a]xanthene Skeleton. European Journal of Organic Chemistry, 2017, 2017, 901-907.	2.4	8
30	Facile Total Synthesis of Thailandepsins Dâ€“F: Novel Bicyclic Depsipeptide Histone Deacetylase Inhibitors Isolated from a Microorganism. Synthesis, 2019, 51, 1419-1426.	2.3	5
31	A Concise Approach for Producing Optically Pure Carboxylic Acid Segments for the Synthesis of Bicyclic Depsipeptide Histone Deacetylase Inhibitors. Synthesis, 2019, 51, 1408-1418.	2.3	4
32	Total Synthesis of the Depsipeptide FR901375 and Preliminary Evaluation of Its Biological Activity. European Journal of Organic Chemistry, 2016, 2016, 5667-5677.	2.4	3
33	A novel approach to oxazole-containing diterpenoid synthesis from plant roots: salviamines E and F. Organic and Biomolecular Chemistry, 2019, 17, 655-663.	2.8	3
34	Low-dose spiruchostatin-B, a potent histone deacetylase inhibitor enhances radiation-induced apoptosis in human lymphoma U937 cells via modulation of redox signaling. Free Radical Research, 2016, 50, 596-610.	3.3	2
35	Enantioselective total synthesis of otteliones A and B, novel and powerful antitumor agents from the freshwater plant Ottelia alismoides. Natural Product Communications, 2013, 8, 973-80.	0.5	1