

Kenzo Yamatsugu

List of Publications by Year in descending order

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papers

1,374
citations

430874

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35
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docs citations

42
times ranked

1283
citing authors

#	ARTICLE	IF	CITATIONS
1	Enantioselective Synthesis of SM-130686 Based on the Development of Asymmetric Cu(I)F Catalysis To Access 2-Oxindoles Containing a Tetrasubstituted Carbon. <i>Journal of the American Chemical Society</i> , 2009, 131, 6946-6948.	13.7	259
2	Total Synthesis of (±)-Garsubellin A. <i>Journal of the American Chemical Society</i> , 2005, 127, 14200-14201.	13.7	150
3	Limited Brain Distribution of [3R,4R,5S]-4-Acetamido-5-amino-3-(1-ethylpropoxy)-1-cyclohexene-1-carboxylate Phosphate (Ro 64-0802), a Pharmacologically Active Form of Oseltamivir, by Active Efflux across the Blood-Brain Barrier Mediated by Organic Anion Transporter 3 (Oat3/Slc22a8) and Multidrug Resistance-Associated Protein 4 (Mrp4/Abcc4). <i>Drug Metabolism and Disposition</i> , 2009, 37, 315-321.	3.3	121
4	A Synthesis of Tamiflu by Using a Barium-Catalyzed Asymmetric Diels-Alder Type Reaction. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1070-1076.	13.8	114
5	A concise synthesis of Tamiflu: third generation route via the Diels-Alder reaction and the Curtius rearrangement. <i>Tetrahedron Letters</i> , 2007, 48, 1403-1406.	1.4	86
6	P-glycoprotein Restricts the Penetration of Oseltamivir Across the Blood-Brain Barrier. <i>Drug Metabolism and Disposition</i> , 2008, 36, 427-434.	3.3	85
7	Synthetic Posttranslational Modifications: Chemical Catalyst-Driven Regioselective Histone Acylation of Native Chromatin. <i>Journal of the American Chemical Society</i> , 2017, 139, 7568-7576.	13.7	60
8	Oseltamivir Enhances Hippocampal Network Synchronization. <i>Journal of Pharmacological Sciences</i> , 2008, 106, 659-662.	2.5	36
9	Recent Development in Synthetic Strategies for Oseltamivir Phosphate. <i>Israel Journal of Chemistry</i> , 2011, 51, 316-328.	2.3	36
10	LC-MS/MS-based quantitative study of the acyl group- and site-selectivity of human sirtuins to acylated nucleosomes. <i>Scientific Reports</i> , 2018, 8, 2656.	3.3	36
11	An alternative synthesis of Tamiflu®: a synthetic challenge and the identification of a ruthenium-catalyzed dihydroxylation route. <i>Tetrahedron</i> , 2009, 65, 6017-6024.	1.9	35
12	Two Approaches toward the Formal Total Synthesis of Oseltamivir Phosphate (Tamiflu): Catalytic Enantioselective Three-Component Reaction Strategy and L-Glutamic Acid Strategy. <i>Journal of Organic Chemistry</i> , 2013, 78, 4019-4026.	3.2	33
13	Nuclear envelope expansion is critical for proper chromosomal segregation during a closed mitosis. <i>Journal of Cell Science</i> , 2016, 129, 1250-9.	2.0	33
14	Synthetic Chromatin Acylation by an Artificial Catalyst System. <i>CheM</i> , 2017, 2, 840-859.	11.7	29
15	A method for the synthesis of an oseltamivir PET tracer. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 600-602.	2.2	25
16	Catalytic Chemoselective O-Phosphorylation of Alcohols. <i>ACS Central Science</i> , 2020, 6, 283-292.	11.3	25
17	Live-cell epigenome manipulation by synthetic histone acetylation catalyst system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	24
18	Leading approaches in synthetic epigenetics for novel therapeutic strategies. <i>Current Opinion in Chemical Biology</i> , 2018, 46, 10-17.	6.1	21

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19	Site-Selective Synthetic Acylation of a Target Protein in Living Cells Promoted by a Chemical Catalyst/Donor System. <i>ACS Chemical Biology</i> , 2019, 14, 1102-1109.	3.4	16
20	Design and synthesis of immobilized Tamiflu analog on resin for affinity chromatography. <i>Tetrahedron Letters</i> , 2009, 50, 3205-3208.	1.4	15
21	Supramolecular Ligands for Histone Tails by Employing a Multivalent Display of Trisulfonated Calix[4]arenes. <i>ChemBioChem</i> , 2015, 16, 2599-2604.	2.6	15
22	Identification of Potent, Selective Protein Kinase C Inhibitors Based on a Phorbol Skeleton. <i>Chemistry - an Asian Journal</i> , 2006, 1, 314-321.	3.3	12
23	Fidelity and Promiscuity of a Mycobacterial Glycosyltransferase. <i>Journal of the American Chemical Society</i> , 2016, 138, 9205-9211.	13.7	12
24	Live-Cell Protein Modification by Boronate-Assisted Hydroxamic Acid Catalysis. <i>Journal of the American Chemical Society</i> , 2021, 143, 14976-14980.	13.7	12
25	Synthetic hyperacetylation of nucleosomal histones. <i>RSC Chemical Biology</i> , 2020, 1, 56-59.	4.1	12
26	Hydroxamic Acid- ϵ -Piperidine Conjugate is an Activated Catalyst for Lysine Acetylation under Physiological Conditions. <i>Chemistry - an Asian Journal</i> , 2020, 15, 833-839.	3.3	10
27	Intracellular activation of acetyl-CoA by an artificial reaction promoter and its fluorescent detection. <i>Chemical Communications</i> , 2013, 49, 2876.	4.1	9
28	Kinetic analyses and structure-activity relationship studies of synthetic lysine acetylation catalysts. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5359-5367.	3.0	9
29	Sulfanylmethyl dimethylaminopyridine as a Useful Thiol Additive for Ligation Chemistry in Peptide/Protein Synthesis. <i>Organic Letters</i> , 2020, 22, 5289-5293.	4.6	9
30	Cupid and Psyche system for the diagnosis and treatment of advanced cancer. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2019, 95, 602-611.	3.8	8
31	Axially Substituted Silicon Phthalocyanine Payloads for Antibody-Drug Conjugates. <i>Synlett</i> , 2021, 32, 1098-1103.	1.8	3
32	Antibody mimetic drug conjugate manufactured by high-yield <i>Escherichia coli</i> expression and non-covalent binding system. <i>Protein Expression and Purification</i> , 2022, 192, 106043.	1.3	3
33	A Single-Step Asymmetric Phosphodiester Synthesis from Alcohols with Phosphoenolpyruvate Phosphodiester. <i>Synlett</i> , 2021, 32, 1135-1140.	1.8	2
34	Design and Synthesis of Resin-Conjugated Tamiflu Analogs for Affinity Chromatography. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 588-594.	1.9	2