Kenzo Yamatsugu

List of Publications by Year
in descending order

34 papers	1,374 citations	430874 18 h-index	361022 35 g-index
42 all docs	42 docs citations	42 times ranked	1283 citing authors

#	Article	IF	Citations
1	Antibody mimetic drug conjugate manufactured by high-yield Escherichia coli expression and non-covalent binding system. Protein Expression and Purification, 2022, 192, 106043.	1.3	3
2	Live-cell epigenome manipulation by synthetic histone acetylation catalyst system. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	24
3	A Single-Step Asymmetric Phosphodiester Synthesis from Alcohols with Phosphoenolpyruvate Phosphodiester. Synlett, 2021, 32, 1135-1140.	1.8	2
4	Axially Substituted Silicon Phthalocyanine Payloads for Antibodyâ€“Drug Conjugates. Synlett, 2021, 32, 1098-1103.	1.8	3
5	Live-Cell Protein Modification by Boronate-Assisted Hydroxamic Acid Catalysis. Journal of the American Chemical Society, 2021, 143, 14976-14980.	13.7	12
6	Sulfanylmethyldimethylaminopyridine as a Useful Thiol Additive for Ligation Chemistry in Peptide/Protein Synthesis. Organic Letters, 2020, 22, 5289-5293.	4.6	9
7	Catalytic ChemoselectiveO-Phosphorylation of Alcohols. ACS Central Science, 2020, 6, 283-292.	11.3	25
8	Hydroxamic Acidâ€Piperidine Conjugate is an Activated Catalyst for Lysine Acetylation under Physiological Conditions. Chemistry - an Asian Journal, 2020, 15, 833-839.	3.3	10
9	Synthetic hyperacetylation of nucleosomal histones. RSC Chemical Biology, 2020, 1, 56-59.	4.1	12
10	Site-Selective Synthetic Acylation of a Target Protein in Living Cells Promoted by a Chemical Catalyst/Donor System. ACS Chemical Biology, 2019, 14, 1102-1109.	3.4	16
11	Cupid and Psyche system for the diagnosis and treatment of advanced cancer. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2019, 95, 602-611.	3.8	8
12	Leading approaches in synthetic epigenetics for novel therapeutic strategies. Current Opinion in Chemical Biology, 2018, 46, 10-17.	6.1	21
13	LCâ€“MS/MS-based quantitative study of the acyl group- and site-selectivity of human sirtuins to acylated nucleosomes. Scientific Reports, 2018, 8, 2656.	3.3	36
14	Kinetic analyses and structure-activity relationship studies of synthetic lysine acetylation catalysts. Bioorganic and Medicinal Chemistry, 2018, 26, 5359-5367.	3.0	9
15	Synthetic Posttranslational Modifications: Chemical Catalyst-Driven Regioselective Histone Acylation of Native Chromatin. Journal of the American Chemical Society, 2017, 139, 7568-7576.	13.7	60
16	Synthetic Chromatin Acylation by an Artificial Catalyst System. CheM, 2017, 2, 840-859.	11.7	29
17	Fidelity and Promiscuity of a Mycobacterial Glycosyltransferase. Journal of the American Chemical Society, 2016, 138, 9205-9211.	13.7	12
18	Nuclear envelope expansion is critical for proper chromosomal segregation during a closed mitosis. Journal of Cell Science, 2016, 129, 1250-9.	2.0	33

#	Article	IF	Citations
19	Supramolecular Ligands for Histone Tails by Employing a Multivalent Display of Trisulfonated Calix[4]arenes. ChemBioChem, 2015, 16, 2599-2604.	2.6	15
20	Intracellular activation of acetyl-CoA by an artificial reaction promoter and its fluorescent detection. Chemical Communications, 2013, 49, 2876.	4.1	9
21	Two Approaches toward the Formal Total Synthesis of Oseltamivir Phosphate (Tamiflu): Catalytic Enantioselective Three-Component Reaction Strategy and <scp>l</scp>-Glutamic Acid Strategy. Journal of Organic Chemistry, 2013, 78, 4019-4026.	3.2	33
22	Recent Development in Synthetic Strategies for Oseltamivir Phosphate. Israel Journal of Chemistry, 2011, 51, 316-328.	2.3	36
23	Design and Synthesis of Resin-Conjugated Tamiflu Analogs for Affinity Chromatography. Bulletin of the Korean Chemical Society, 2010, 31, 588-594.	1.9	2
24	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). Drug Metabolism and Disposition, 2009, 37, 315-321.	3.3	121
25	A Synthesis of Tamiflu by Using a Bariumâ€Catalyzed Asymmetric Dielsâ€“Alderâ€Type Reaction. Angewandte Chemie - International Edition, 2009, 48, 1070-1076.	13.8	114
26	An alternative synthesis of TamifluÂ®: a synthetic challenge and the identification of a ruthenium-catalyzed dihydroxylation route. Tetrahedron, 2009, 65, 6017-6024.	1.9	35
27	Design and synthesis of immobilized Tamiflu analog on resin for affinity chromatography. Tetrahedron Letters, 2009, 50, 3205-3208.	1.4	15
28	Enantioselective Synthesis of SM-130686 Based on the Development of Asymmetric Cu(I)F Catalysis To Access 2-Oxindoles Containing a Tetrasubstituted Carbon. Journal of the American Chemical Society, 2009, 131, 6946-6948.	13.7	259
29	A method for the synthesis of an oseltamivir PET tracer. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 600-602.	2.2	25
30	P-glycoprotein Restricts the Penetration of Oseltamivir Across the Blood-Brain Barrier. Drug Metabolism and Disposition, 2008, 36, 427-434.	3.3	85
31	Oseltamivir Enhances Hippocampal Network Synchronization. Journal of Pharmacological Sciences, 2008, 106, 659-662.	2.5	36
32	A concise synthesis of Tamiflu: third generation route via the Dielsâ€“Alder reaction and the Curtius rearrangement. Tetrahedron Letters, 2007, 48, 1403-1406.	1.4	86
33	Identification of Potent, Selective Protein Kinase C Inhibitors Based on a Phorbol Skeleton. Chemistry - an Asian Journal, 2006, 1, 314-321.	3.3	12
34	Total Synthesis of (Â±)-Garsubellin A. Journal of the American Chemical Society, 2005, 127, 14200-14201.	13.7	150