Tadao Yoshioka

List of Publications by Year
in descending order

28 papers	1,743 citations	759233 12 h-index	526287 27 g-index
28 all docs	28 docs citations	28 times ranked	882 citing authors

#	Article	IF	Citations
1	Chemo-Enzymatic Synthesis, Structural and Stereochemical Characterization, and Intrinsic Degradation Kinetics of Diastereomers of 1-Î²-O-Acyl Glucuronides Derived from Racemic 2-{4-[(2-Methylprop-2-en-1-yl)amino]phenyl}propanoic Acid. ACS Omega, 2018, 3, 4932-4940.	3.5	1
2	Complementary and Synergistic Roles in Enzyme-Catalyzed Regioselective and Complete Hydrolytic Deprotection of O-Acetylated Î²-<scp>d</scp>-Glucopyranosides of N-Arylacetohydroxamic Acids. Journal of Organic Chemistry, 2012, 77, 1675-1684.	3.2	9
3	Characterization of chemo- and regioselectivity in enzyme-catalyzed consecutive hydrolytic deprotection of methyl acetyl derivatives of 1-Î²-O-acyl glucuronides. Journal of Molecular Catalysis B: Enzymatic, 2011, 69, 74-82.	1.8	5
4	Structureâ^'Activity Relationships for Degradation Reaction of 1-Î²-O-Acyl Glucuronides: Kinetic Description and Prediction of Intrinsic Electrophilic Reactivity under Physiological Conditions. Chemical Research in Toxicology, 2009, 22, 158-172.	3.3	40
5	Structureâ^'Activity Relationships for the Degradation Reaction of 1-Î²-O-Acyl Glucuronides. Part 2: Electronic and Steric Descriptors Predicting the Reactivity of 1-Î²-O-Acyl Glucuronides Derived from Benzoic Acids. Chemical Research in Toxicology, 2009, 22, 1559-1569.	3.3	26
6	Structureâ^'Activity Relationships for the Degradation Reaction of 1-Î²-O-Acyl Glucuronides. Part 3: Electronic and Steric Descriptors Predicting the Reactivity of Aralkyl Carboxylic Acid 1-Î²-O-Acyl Glucuronides. Chemical Research in Toxicology, 2009, 22, 1998-2008.	3.3	32
7	An Improved Chemo-Enzymatic Synthesis of 1-Î²-O-Acyl Glucuronides:â€‰ Highly Chemoselective Enzymatic Removal of Protecting Groups from Corresponding Methyl Acetyl Derivatives. Journal of Organic Chemistry, 2007, 72, 9541-9549.	3.2	20
8	Enzymatic and Mechanistic Studies on the Formation ofN-Phenylglycolohydroxamic Acid from Nitrosobenzene and Pyruvate in Spinach Leaf Homogenate. Journal of Agricultural and Food Chemistry, 2006, 54, 590-596.	5.2	3
9	Synthesis of 1-Î²-O-acyl glucuronides of diclofenac, mefenamic acid and (S)-naproxen by the chemo-selective enzymatic removal of protecting groups from the corresponding methyl acetyl derivatives. Organic and Biomolecular Chemistry, 2006, 4, 3303-3310.	2.8	30
10	Microsomal Oxidation of Tribromoethylene and Reactions of Tribromoethylene Oxide. Chemical Research in Toxicology, 2002, 15, 1414-1420.	3.3	6
11	Tetrachloroethylene Oxide:Â Hydrolytic Products and Reactions with Phosphate and Lysine. Chemical Research in Toxicology, 2002, 15, 1096-1105.	3.3	17
12	Structureâ€“activity relationships in the deacetylation of O-glucosides of N-hydroxy-N-arylacylamides by mammalian liver microsomes. Chemico-Biological Interactions, 2001, 137, 25-42.	4.0	1
13	Formation ofN-Arylacylhydroxamic Acids from Nitroso Aromatic Compounds in Isolated Spinach Leaf Cells. Journal of Agricultural and Food Chemistry, 1998, 46, 606-610.	5.2	1
14	Purification and characterization of guinea-pig liver microsomal deacetylase involved in the deacetylation of the O-glucoside of N-hydroxyacetanilide. Biochemical Journal, 1997, 325, 155-161.	3.7	11
15	Purification and Characterization of an Aspergillus Oryzae-Produced Carboxylesterase that Catalyzes O-Deacetylation of a Fully Acetylated O-Glucoside of N-Phenylacetohydroxamic Acid. FEBS Journal, 1997, 248, 58-62.	0.2	3
16	Structure-activity relationship in the formation of N-arylacetohydroxamic acids from nitroso derivatives of chlorinated 4-nitrodiphenyl ether herbicides in boar spermatozoa. Journal of Agricultural and Food Chemistry, 1992, 40, 2446-2452.	5.2	1
17	N-arylhydroxamic acids: reaction of nitroso aromatics with .alpha.-oxo acids. Journal of Organic Chemistry, 1989, 54, 4449-4453.	3.2	21
18	Mutagenicity of N-arylacetohydroxamic acids and their O-glucosides derived from chlorinated 4-nitrobiphenyl ethers. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1986, 170, 93-102.	1.2	6

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19	On the selectivity of deprotection of benzyl, mpm (4-methoxybenzyl) and dmpm (3,4-dimethoxybenzyl) protecting groups for hydroxy functions. Tetrahedron, 1986, 42, 3021-3028.	1.9	515
20	Synthesis of acetylated methyl (Î²-d-glucopyranosid)uronates of N-aryl-N-hydroxyacetamides by the orthoester glycosylation method. Carbohydrate Research, 1985, 143, 282-287.	2.3	5
21	Glycosides of N-hydroxy-N-arylamine derivatives. Part 2. Convenient synthetic methods for N-glycosides of N-hydroxy-N-arylamines. Journal of the Chemical Society Perkin Transactions 1, 1985, , 1271.	0.9	10
22	Glycosides of N-hydroxy-N-arylamine derivatives. Part 3. Kinetic and mechanistic studies on the degradation reaction of O-glycosides of N-hydroxy-N-arylamines and their acetohydroxamic acids in acidic and alkaline media. Journal of the Chemical Society Perkin Transactions II, 1985, , 1377.	0.9	3
23	Glycosides of N-hydroxy-N-arylamine derivatives. Part 1. Synthesis and mutagenicity of O-glucosides of N-Hydroxy-N-arylamines and their acetohydroxamic acids. Journal of the Chemical Society Perkin Transactions 1, 1985, , 1261.	0.9	7
24	DMPM (3,4-dimethoxybenzyl) protecting group for hydroxy function more readily removable than MPM (P-methoxybenzyl) protecting group by DDQ oxidation. Tetrahedron Letters, 1984, 25, 5393-5396.	1.4	91
25	Specific removal of o-methoxybenzyl protection by DDQ oxidation.. Tetrahedron Letters, 1982, 23, 885-888.	1.4	627
26	Protection of hydroxy groups by intramolecular oxidative formation of methoxybenzylidene acetals with DDQ. Tetrahedron Letters, 1982, 23, 889-892.	1.4	191
27	Application of the DDQ Oxidation to the Synthesis of Oxidized Indole Alkaloids. Heterocycles, 1980, 14, 141.	0.7	0
28	Synthesis of Pimprinine and Related Oxazolylindole Alkaloids from N-Acyl Derivatives of Tryptamine and Tryptophan Methyl Ester by DDQ Oxidation. Heterocycles, 1979, 12, 1457.	0.7	61