

Andrew V Stachulski

List of Publications by Year in descending order

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54
papers

1,640
citations

279798

23
h-index

302126

39
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58
all docs

58
docs citations

58
times ranked

1838
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of T cells by carbamazepine and carbamazepine metabolites. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 118, 233-241.	2.9	121
2	Acyl Glucuronides: Biological Activity, Chemical Reactivity, and Chemical Synthesis. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 6931-6945.	6.4	116
3	The synthesis of O-glucuronides. <i>Natural Product Reports</i> , 1998, 15, 173.	10.3	101
4	Identification of Isoflavone Derivatives as Effective Anticryptosporidial Agents in Vitro and in Vivo. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 1450-1454.	6.4	98
5	Syntheses and Characterization of the Acyl Glucuronide and Hydroxy Metabolites of Diclofenac. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 2816-2825.	6.4	88
6	Glucuronides from metabolites to medicines: a survey of the in vivo generation, chemical synthesis and properties of glucuronides. <i>Natural Product Reports</i> , 2013, 30, 806.	10.3	76
7	The Generation, Detection, and Effects of Reactive Drug Metabolites. <i>Medicinal Research Reviews</i> , 2013, 33, 985-1080.	10.5	73
8	Thiazolides as Novel Antiviral Agents. 1. Inhibition of Hepatitis B Virus Replication. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 4119-4132.	6.4	57
9	Mass Spectrometric Characterization of Circulating Covalent Protein Adducts Derived from a Drug Acyl Glucuronide Metabolite: Multiple Albumin Adductions in Diclofenac Patients. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 350, 387-402.	2.5	47
10	NMR Spectroscopic Studies on the in Vitro Acyl Glucuronide Migration Kinetics of Ibuprofen ((\pm)-(<i>R,S</i>)-2-(4-Isobutylphenyl) Propanoic Acid), Its Metabolites, and Analogues. <i>Analytical Chemistry</i> , 2007, 79, 8720-8727.	6.5	45
11	Effective Synthesis of 1^2 -Acyl Glucuronides by Selective Acylation. <i>Organic Letters</i> , 2005, 7, 2591-2594.	4.6	43
12	Rational Design, Synthesis, and Biological Evaluation of Heterocyclic Quinolones Targeting the Respiratory Chain of <i>Mycobacterium tuberculosis</i> . <i>Journal of Medicinal Chemistry</i> , 2017, 60, 3703-3726.	6.4	39
13	Therapeutic Potential of Nitazoxanide: An Appropriate Choice for Repurposing versus SARS-CoV-2?. <i>ACS Infectious Diseases</i> , 2021, 7, 1317-1331.	3.8	37
14	Efficient Preparations of the 1^2 -Glucuronides of Dihydroartemisinin and Structural Confirmation of the Human Glucuronide Metabolite. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 1467-1470.	6.4	36
15	Efficient synthesis of 1^2 -O-acyl glucuronides via selective acylation of allyl or benzyl d-glucuronate. <i>Tetrahedron</i> , 2007, 63, 7596-7605.	1.9	36
16	Thiazolides as Novel Antiviral Agents. 2. Inhibition of Hepatitis C Virus Replication. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 8670-8680.	6.4	35
17	Glucuronidation of steroidal alcohols using iodosugar and imidate donors. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 1501.	2.8	33
18	Kinetic and J-Resolved Statistical Total Correlation NMR Spectroscopy Approaches to Structural Information Recovery in Complex Reacting Mixtures: Application to Acyl Glucuronide Intramolecular Transacylation Reactions. <i>Analytical Chemistry</i> , 2008, 80, 4886-4895.	6.5	32

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19	Preparation, X-ray structure and reactivity of a stable glycosyl iodide. <i>Chemical Communications</i> , 2003, , 1266.	4.1	30
20	Convenient Syntheses of Benzo-Fluorinated Dibenz[<i>b,f</i>]azepines: Rearrangements of Isatins, Acridines, and Indoles. <i>Organic Letters</i> , 2011, 13, 5592-5595.	4.6	30
21	Intermediates for Glucuronide Synthesis: 7-Hydroxycoumarin Glucuronide. <i>Journal of Chemical Research Synopses</i> , 1997, , 370.	0.3	26
22	Glycosidation with a Disarmed Glycosyl Iodide: Promotion and Scope. <i>Organic Letters</i> , 2003, 5, 4545-4548.	4.6	26
23	Synthesis, transacylation kinetics and computational chemistry of a set of arylacetic acid 1 ^β -O-acyl glucuronides. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2525.	2.8	25
24	Glucuronidation of alcohols using the bromosugar ⁺ iodonium reagent method. <i>Tetrahedron Letters</i> , 2001, 42, 6611-6613.	1.4	24
25	Syntheses and Antibacterial Activities of Tizoxanide, an N-(Nitrothiazolyl)salicylamide, and its O-Aryl Glucuronide. <i>Journal of Chemical Research Synopses</i> , 1999, , 44-45.	0.3	22
26	Synthesis and pre-clinical studies of new amino-acid ester thiazolide prodrugs. <i>European Journal of Medicinal Chemistry</i> , 2017, 126, 154-159.	5.5	22
27	Glucuronide and sulfate conjugates of ICI 182,780, a pure anti-estrogenic steroid. Order of addition, catalysis and substitution effects in glucuronidation. <i>Tetrahedron Letters</i> , 2000, 41, 389-392.	1.4	21
28	Acyl glucuronide reactivity in perspective. <i>Drug Discovery Today</i> , 2020, 25, 1639-1650.	6.4	21
29	Cyclization of the Acyl Glucuronide Metabolite of a Neutral Endopeptidase Inhibitor to an Electrophilic Glutarimide: Synthesis, Reactivity, and Mechanistic Analysis. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 6165-6176.	6.4	20
30	Synthesis of a series of phenylacetic acid 1 ^β -O-acyl glucosides and comparison of their acyl migration and hydrolysis kinetics with the corresponding acyl glucuronides. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 926-934.	2.8	20
31	Second-generation nitazoxanide derivatives: thiazolides are effective inhibitors of the influenza A virus. <i>Future Medicinal Chemistry</i> , 2018, 10, 851-862.	2.3	20
32	Haloarene Derivatives of Carbamazepine with Reduced Bioactivation Liabilities: 2-Monohalo and 2,8-Dihalo Derivatives. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 9773-9784.	6.4	18
33	Dissecting the reaction of Phase II metabolites of ibuprofen and other NSAIDs with human plasma protein. <i>Chemical Science</i> , 2014, 5, 3789-3794.	7.4	18
34	Convenient syntheses of halo-dibenz[<i>b,f</i>]azepines and carbamazepine analogues via N-arylindoles. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 8426.	2.8	16
35	Structure-activity relationships of some opiate glycosides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 1207-1214.	2.2	15
36	A host-gut microbial amino acid co-metabolite, <i>p</i> -cresol glucuronide, promotes blood-brain barrier integrity <i>in vivo</i> . <i>Tissue Barriers</i> , 2023, 11, .	3.2	15

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37	High performance liquid chromatography/mass spectrometric and proton nuclear magnetic resonance spectroscopic studies of the transacylation and hydrolysis of the acyl glucuronides of a series of phenylacetic acids in buffer and human plasma. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 3043-3051.	1.5	13
38	The enzymatic glucuronidation of 3-O-protected morphine—a new route to 7,8-dihydromorphine-6-glucuronide. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 413-416.	1.8	12
39	Activation of carbamazepine-responsive T-cell clones with metabolically inert halogenated derivatives. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 493-495.	2.9	12
40	Chemistry and Reactivity of Acyl Glucuronides. <i>Current Drug Metabolism</i> , 2011, 12, 215-221.	1.2	12
41	Putative metabolites of fulvestrant, an estrogen receptor downregulator. Improved glucuronidation using trichloroacetimidates. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 3037-3041.	1.3	11
42	Syntheses and structures of anomeric quaternary ammonium β -glucosides and comments on the anomeric C—N bond lengths. <i>Tetrahedron</i> , 2009, 65, 6396-6402.	1.9	8
43	Drug Metabolism: The Body's Defense against Chemical Attack. <i>Journal of Chemical Education</i> , 2000, 77, 349.	2.3	7
44	Convenient syntheses of deoxyribose sugars from glucuronolactone. <i>Tetrahedron Letters</i> , 2007, 48, 2361-2364.	1.4	7
45	A convenient new synthesis of quaternary ammonium glucuronides of drug molecules. <i>Tetrahedron</i> , 2010, 66, 537-541.	1.9	7
46	Synthesis of MeBmt and related derivatives via syn-selective ATH-DKR. <i>RSC Advances</i> , 2019, 9, 40336-40339.	3.6	7
47	Synthesis and toxicity profile in 293 human embryonic kidney cells of the β -D-glucuronide derivatives of ortho-, meta- and para-cresol. <i>Carbohydrate Research</i> , 2021, 499, 108225.	2.3	7
48	Synthesis, antiviral activity, preliminary pharmacokinetics and structural parameters of thiazolidine amine salts. <i>Future Medicinal Chemistry</i> , 2021, 13, 1731-1741.	2.3	7
49	Convenient syntheses of the in vivo carbohydrate metabolites of mycophenolic acid: reactivity of the acyl glucuronide. <i>Tetrahedron Letters</i> , 2009, 50, 4973-4977.	1.4	6
50	Kinetic modelling of acyl glucuronide and glucoside reactivity and development of structure—property relationships. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 1389-1401.	2.8	5
51	Synthesis of morphine-[N-methyl- 14 C]-6- β -D-glucuronide. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2002, 45, 107-113.	1.0	4
52	Systemic efficacy on <i>Cryptosporidium parvum</i> infection of aminoxanide (RM-5061), a new amino-acid ester thiazolidine prodrug of tizoxanide. <i>Parasitology</i> , 2021, 148, 975-984.	1.5	4
53	The chemistry and biological activity of acyl glucuronides. <i>Current Opinion in Drug Discovery & Development</i> , 2007, 10, 58-66.	1.9	3
54	Discovery and Optimization of a 4-Aminopiperidine Scaffold for Inhibition of Hepatitis C Virus Assembly. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 9431-9443.	6.4	2