

Andrew S Davison

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

960
citations

430754

18
h-index

501076

28
g-index

51
all docs

51
docs citations

51
times ranked

764
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitisinone arrests ochronosis and decreases rate of progression of Alkaptonuria: Evaluation of the effect of nitisinone in the United Kingdom National Alkaptonuria Centre. <i>Molecular Genetics and Metabolism</i> , 2018, 125, 127-134.	0.5	89
2	Efficacy and safety of once-daily nitisinone for patients with alkaptonuria (SONIA 2): an international, multicentre, open-label, randomised controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 762-772.	5.5	78
3	Untargeted metabolomics of COVID-19 patient serum reveals potential prognostic markers of both severity and outcome. <i>Metabolomics</i> , 2022, 18, 6.	1.4	60
4	Urine homogentisic acid and tyrosine: Simultaneous analysis by liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 963, 106-112.	1.2	54
5	Serum markers in alkaptonuria: simultaneous analysis of homogentisic acid, tyrosine and nitisinone by liquid chromatography tandem mass spectrometry. <i>Annals of Clinical Biochemistry</i> , 2015, 52, 597-605.	0.8	46
6	The effect of nitisinone on homogentisic acid and tyrosine: a two-year survey of patients attending the National Alkaptonuria Centre, Liverpool. <i>Annals of Clinical Biochemistry</i> , 2017, 54, 323-330.	0.8	39
7	Comparison of eight routine unpublished LC-MS/MS methods for the simultaneous measurement of testosterone and androstenedione in serum. <i>Clinica Chimica Acta</i> , 2016, 454, 112-118.	0.5	38
8	Mechanism of interference by haemolysis in the cardiac troponin T immunoassay. <i>Annals of Clinical Biochemistry</i> , 2006, 43, 49-56.	0.8	32
9	Clinical evaluation and treatment of pheochromocytoma. <i>Annals of Clinical Biochemistry</i> , 2018, 55, 34-48.	0.8	32
10	Measurement of teicoplanin by liquid chromatography-tandem mass spectrometry: development of a novel method. <i>Annals of Clinical Biochemistry</i> , 2012, 49, 475-481.	0.8	23
11	Acute fatal metabolic complications in alkaptonuria. <i>Journal of Inherited Metabolic Disease</i> , 2016, 39, 203-210.	1.7	23
12	Potential problems with using deuterated internal standards for liquid chromatography-tandem mass spectrometry. <i>Annals of Clinical Biochemistry</i> , 2013, 50, 274-274.	0.8	22
13	The phenomenon of seasonal pseudohypokalemia: Effects of ambient temperature, plasma glucose and role for sodium-potassium-exchanging-ATPase. <i>Clinical Biochemistry</i> , 2009, 42, 813-818.	0.8	21
14	Serum concentrations and urinary excretion of homogentisic acid and tyrosine in normal subjects. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 53, e81-3.	1.4	21
15	Alkaptonuria – Many questions answered, further challenges beckon. <i>Annals of Clinical Biochemistry</i> , 2020, 57, 106-120.	0.8	21
16	Assessing the effect of nitisinone induced hypertyrosinaemia on monoamine neurotransmitters in brain tissue from a murine model of alkaptonuria using mass spectrometry imaging. <i>Metabolomics</i> , 2019, 15, 68.	1.4	20
17	Nitisinone causes acquired tyrosinosis in alkaptonuria. <i>Journal of Inherited Metabolic Disease</i> , 2020, 43, 1014-1023.	1.7	20
18	Fetal hemoglobin: assessment of glycation and acetylation status by electrospray ionization mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008, 46, 1230-8.	1.4	19

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19	Homogentisic acid is not only eliminated by glomerular filtration and tubular secretion but also produced in the kidney in alkaptonuria. <i>Journal of Inherited Metabolic Disease</i> , 2020, 43, 737-747.	1.7	18
20	Evaluation of the Mitra microsampling device for use with key urinary metabolites in patients with Alkaptonuria. <i>Bioanalysis</i> , 2018, 10, 1919-1932.	0.6	17
21	A Comprehensive LC-QTOF-MS Metabolic Phenotyping Strategy: Application to Alkaptonuria. <i>Clinical Chemistry</i> , 2019, 65, 530-539.	1.5	17
22	Assessment of the Effect of Once Daily Nitisinone Therapy on 24-h Urinary Metadrenalines and 5-Hydroxyindole Acetic Acid Excretion in Patients with Alkaptonuria After 4 Weeks of Treatment. <i>JIMD Reports</i> , 2017, 41, 1-10.	0.7	16
23	Quantification of the flux of tyrosine pathway metabolites during nitisinone treatment of Alkaptonuria. <i>Scientific Reports</i> , 2019, 9, 10024.	1.6	16
24	Clinical and biochemical assessment of depressive symptoms in patients with Alkaptonuria before and after two years of treatment with nitisinone. <i>Molecular Genetics and Metabolism</i> , 2018, 125, 135-143.	0.5	15
25	The Consequences of Valproate Overdose. <i>Clinical Chemistry</i> , 2011, 57, 1233-1237.	1.5	14
26	The nutritional status of people with alkaptonuria: An exploratory analysis suggests a protein/energy dilemma. <i>JIMD Reports</i> , 2020, 53, 45-60.	0.7	14
27	Serum Amino Acid Profiling in Patients with Alkaptonuria Before and After Treatment with Nitisinone. <i>JIMD Reports</i> , 2018, 41, 109-117.	0.7	13
28	Reversal of ochronotic pigmentation in alkaptonuria following nitisinone therapy: Analysis of data from the United Kingdom National Alkaptonuria Centre. <i>JIMD Reports</i> , 2020, 55, 75-87.	0.7	13
29	Metabolomic studies in the inborn error of metabolism alkaptonuria reveal new biotransformations in tyrosine metabolism. <i>Genes and Diseases</i> , 2022, 9, 1129-1142.	1.5	13
30	Assessment of endogenous, oral and inhaled steroid cross-reactivity in the Roche cortisol immunoassay. <i>Annals of Clinical Biochemistry</i> , 2014, 51, 503-506.	0.8	12
31	Evaluation of the serum metabolome of patients with alkaptonuria before and after two years of treatment with nitisinone using LC-QTOF-MS. <i>JIMD Reports</i> , 2019, 48, 67-74.	0.7	11
32	Development of a liquid chromatography tandem mass spectrometry method for the simultaneous measurement of voriconazole, posaconazole and itraconazole. <i>Annals of Clinical Biochemistry</i> , 2017, 54, 686-695.	0.8	10
33	Data on items of AKUSI in Alkaptonuria collected over three years from the United Kingdom National Alkaptonuria Centre and the impact of nitisinone. <i>Data in Brief</i> , 2018, 20, 1620-1628.	0.5	10
34	Liquid chromatography tandem mass spectrometry for plasma metadrenalines. <i>Clinica Chimica Acta</i> , 2019, 495, 512-521.	0.5	9
35	Low Screening Rates Despite a High Prevalence of Significant Liver Fibrosis in People with Diabetes from Primary and Secondary Care. <i>Journal of Clinical Medicine</i> , 2021, 10, 5755.	1.0	9
36	The gonadotrophic response of Royal Marines during an operational deployment in Afghanistan. <i>Andrology</i> , 2015, 3, 293-297.	1.9	7

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37	Diabetes in pregnancy: Effect on glycation and acetylation of the different chains of fetal and maternal hemoglobin. <i>Clinical Biochemistry</i> , 2011, 44, 198-202.	0.8	6
38	Characterization of changes in the tyrosine pathway by 24-h profiling during nitisinone treatment in alkaptonuria. <i>Molecular Genetics and Metabolism Reports</i> , 2022, 30, 100846.	0.4	6
39	Long-term low dose nitisinone therapy in adults with alkaptonuria shows no cognitive decline or increased severity of depression. <i>JIMD Reports</i> , 2022, 63, 221-230.	0.7	6
40	Temporal adaptations in the phenylalanine/tyrosine pathway and related factors during nitisinone-induced tyrosinaemia in alkaptonuria. <i>Molecular Genetics and Metabolism</i> , 2022, , .	0.5	6
41	Can lithium-heparin plasma be used for protein electrophoresis and paraprotein identification?. <i>Annals of Clinical Biochemistry</i> , 2006, 43, 31-34.	0.8	5
42	Urinary free metanephrines and suitability of available quality control material. <i>Clinica Chimica Acta</i> , 2013, 424, 83-84.	0.5	5
43	The impact of calcium assay change on a local adjusted calcium equation. <i>Annals of Clinical Biochemistry</i> , 2016, 53, 292-294.	0.8	4
44	Impact of Nitisinone on the Cerebrospinal Fluid Metabolome of a Murine Model of Alkaptonuria. <i>Metabolites</i> , 2022, 12, 477.	1.3	4
45	Fatal acute haemolysis and methaemoglobinaemia in a man with renal failure and Alkaptonuria – Is nitisinone the solution?. <i>Molecular Genetics and Metabolism Reports</i> , 2020, 23, 100588.	0.4	3
46	Liquid chromatography tandem mass spectrometry: challenges in introducing published methods into the clinical laboratory. <i>Annals of Clinical Biochemistry</i> , 2018, 55, 404-405.	0.8	1
47	The severity of pseudohyperkalaemia is not dependent upon the stage of chronic kidney disease: a prospective study. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 1005-9.	1.4	0
48	A 12-cm Mass with No Symptoms and Unremarkable Laboratory Results. <i>Clinical Chemistry</i> , 2013, 59, 1561-1564.	1.5	0