

David Cowley

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

6,774
citations

279487

23
h-index

74018

75
g-index

85
all docs

85
docs citations

85
times ranked

7539
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperglycemia and Adverse Pregnancy Outcomes. <i>New England Journal of Medicine</i> , 2008, 358, 1991-2002.	13.9	4,444
2	How Reliable Is a Negative Blood Culture Result? Volume of Blood Submitted for Culture in Routine Practice in a Children's Hospital. <i>Pediatrics</i> , 2007, 119, 891-896.	1.0	322
3	The Hyperglycemia and Adverse Pregnancy Outcome (HAPO) Study. <i>International Journal of Gynecology and Obstetrics</i> , 2002, 78, 69-77.	1.0	314
4	Placental Growth Hormone (GH), GH-Binding Protein, and Insulin-Like Growth Factor Axis in Normal, Growth-Retarded, and Diabetic Pregnancies: Correlations with Fetal Growth*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 1143-1150.	1.8	134
5	Expanded Newborn Screening: Outcome in Screened and Unscreened Patients at Age 6 Years. <i>Pediatrics</i> , 2009, 124, e241-e248.	1.0	132
6	Placental Growth Hormone (GH), GH-Binding Protein, and Insulin-Like Growth Factor Axis in Normal, Growth-Retarded, and Diabetic Pregnancies: Correlations with Fetal Growth. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 1143-1150.	1.8	118
7	Urolithiasis and hepatotoxicity are linked to the anion transporter <i>Sat1</i> in mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 706-712.	3.9	100
8	Hormonal and Metabolic Factors Associated With Variations in Insulin Sensitivity in Human Pregnancy. <i>Diabetes Care</i> , 2010, 33, 356-360.	4.3	74
9	Breastmilk-Saliva Interactions Boost Innate Immunity by Regulating the Oral Microbiome in Early Infancy. <i>PLoS ONE</i> , 2015, 10, e0135047.	1.1	70
10	Decreased blood dendritic cell counts in type 1 diabetic children. <i>Clinical Immunology</i> , 2007, 123, 281-288.	1.4	61
11	Measuring the systemic effects of inhaled beclomethasone: timed morning urine collections compared with 24 hour specimens. <i>Thorax</i> , 1995, 50, 1280-1284.	2.7	54
12	Deep sequencing of the 16S ribosomal RNA of the neonatal oral microbiome: a comparison of breast-fed and formula-fed infants. <i>Scientific Reports</i> , 2016, 6, 38309.	1.6	51
13	Combined pituitary hormone deficiency in Australian children: clinical and genetic correlates. <i>Clinical Endocrinology</i> , 2003, 58, 785-794.	1.2	50
14	The relationship between insulin secretion, the insulin-like growth factor axis and growth in children with cystic fibrosis. <i>Clinical Endocrinology</i> , 2002, 56, 383-389.	1.2	48
15	Home monitoring of 17 hydroxyprogesterone levels in congenital adrenal hyperplasia with filter paper blood samples. <i>Journal of Pediatrics</i> , 1999, 134, 185-189.	0.9	47
16	The outcome in Australian children with hyperinsulinism of infancy: early extensive surgery in severe cases lowers risk of diabetes. <i>Clinical Endocrinology</i> , 2003, 58, 355-364.	1.2	37
17	The clinical and biochemical spectrum of congenital adrenal hyperplasia secondary to 21-hydroxylase deficiency. <i>Clinical Biochemist Reviews</i> , 2009, 30, 75-86.	3.3	37
18	The association between ketoacidosis and 25(OH)-vitamin D ₃ levels at presentation in children with type 1 diabetes mellitus. <i>Pediatric Diabetes</i> , 2009, 10, 38-43.	1.2	35

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19	Scurvy: A cutaneous clinical diagnosis. <i>Australasian Journal of Dermatology</i> , 2003, 44, 48-51.	0.4	30
20	Investigating maturity onset diabetes of the young. <i>Clinical Biochemist Reviews</i> , 2009, 30, 67-74.	3.3	28
21	The effect of breastmilk and saliva combinations on the in vitro growth of oral pathogenic and commensal microorganisms. <i>Scientific Reports</i> , 2018, 8, 15112.	1.6	27
22	PATHOGENESIS OF POSTOPERATIVE HYPONATRAEMIA FOLLOWING CORRECTION OF SCOLIOSIS IN CHILDREN. <i>ANZ Journal of Surgery</i> , 1988, 58, 485-489.	0.3	26
23	A novel NR 5 A 1 variant in an infant with elevated testosterone from an Australasian cohort of 46, XY patients with disorders of sex development. <i>Clinical Endocrinology</i> , 2013, 78, 545-550.	1.2	24
24	Stability of the Strong Ion Gap versus the Anion Gap over Extremes of PCO ₂ and pH. <i>Anaesthesia and Intensive Care</i> , 2007, 35, 370-373.	0.2	23
25	AUTISM AND ADENYLOSUCCINASE DEFICIENCY. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2000, 39, 274-275.	0.3	22
26	Two Novel Mutant Human Adenylosuccinate Lyases (ASLs) Associated with Autism and Characterization of the Equivalent Mutant <i>Bacillus subtilis</i> ASL. <i>Journal of Biological Chemistry</i> , 2004, 279, 53789-53797.	1.6	20
27	Autopsy Diagnosis of 21-Hydroxylase Deficiency CAH in a Case of Apparent SIDS. <i>Pediatric and Developmental Pathology</i> , 2005, 8, 397-401.	0.5	19
28	Associations of serum vitamin D concentrations with obstetric glucose metabolism in a subset of the Hyperglycemia and Adverse Pregnancy Outcome (HAPO) study cohort. <i>Diabetic Medicine</i> , 2012, 29, e199-204.	1.2	19
29	Reference intervals for calcium, phosphate, and alkaline phosphatase as derived on the basis of multichannel-analyzer profiles. <i>Clinical Chemistry</i> , 1986, 32, 76-9.	1.5	19
30	Human SLC26A1 Gene Variants: A Pilot Study. <i>Scientific World Journal</i> , The, 2013, 2013, 1-7.	0.8	18
31	Adult-onset arginase deficiency. <i>Journal of Inherited Metabolic Disease</i> , 1998, 21, 677-678.	1.7	17
32	Utility of AVP gene testing in familial neurohypophyseal diabetes insipidus. <i>Clinical Endocrinology</i> , 2008, 69, 926-930.	1.2	17
33	Collection and determination of nucleotide metabolites in neonatal and adult saliva by high performance liquid chromatography with tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 931, 140-147.	1.2	16
34	A sensitive, high-throughput fluorescent method for the determination of lactoperoxidase activities in milk and comparison in human, bovine, goat and camel milk. <i>Food Chemistry</i> , 2021, 339, 128090.	4.2	16
35	Equivalent Metabolic Acidosis with Four Colloids and Saline on Ex Vivo Haemodilution. <i>Anaesthesia and Intensive Care</i> , 2009, 37, 407-414.	0.2	15
36	Simplified column liquid chromatographic method for measuring urinary oxalate. <i>Biomedical Applications</i> , 1986, 383, 137-141.	1.7	14

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37	Maternal gonadal mosaicism causing ornithine transcarbamylase deficiency. , 1999, 85, 452-454.		14
38	Study of alanine aminopeptidase excretion as a test of gentamicin nephrotoxicity. Journal of Antimicrobial Chemotherapy, 1983, 11, 455-465.	1.3	13
39	The Variability and Dietary Dependence of Urinary Oxalate Excretion in Recurrent Calcium Stone Formers. Annals of Clinical Biochemistry, 1987, 24, 385-390.	0.8	13
40	Placental Growth Hormone Is Not Suppressed by Oral Glucose Loading in Normal Human Pregnancy. Hormone and Metabolic Research, 2002, 34, 250-253.	0.7	13
41	Androgen Receptor Genotyping in a Large Australasian Cohort with Androgen Insensitivity Syndrom? Identification of Four Novel Mutations. Journal of Pediatric Endocrinology and Metabolism, 2007, 20, 893-908.	0.4	13
42	Genotype-Phenotype Associations in Patients with Severe Hyperinsulinism of Infancy. Pediatric and Developmental Pathology, 2007, 10, 25-34.	0.5	13
43	Plasma sodium measurements by direct ion selective methods in laboratory and point of care may not be clinically interchangeable. Journal of Clinical Monitoring and Computing, 2017, 31, 1103-1109.	0.7	13
44	A sensitive and high-throughput fluorescent method for determination of oxidase activities in human, bovine, goat and camel milk. Food Chemistry, 2021, 336, 127689.	4.2	13
45	A possible etiological role for ascorbate in calculi formation. Clinical Chemistry, 1986, 32, 333-6.	1.5	13
46	Is it time to commence newborn screening for congenital adrenal hyperplasia in Australia?. Medical Journal of Australia, 2011, 195, 260-262.	0.8	12
47	Fibronectin as a Predictor of Preeclampsia: A Pilot Study. Australian and New Zealand Journal of Obstetrics and Gynaecology, 1996, 36, 1-3.	0.4	11
48	Stability of ascorbate in urine: relevance to analyses for ascorbate and oxalate. Clinical Chemistry, 1985, 31, 1703-5.	1.5	11
49	Comparison of ⁵¹ Cr EDTA clearance with formulae in the measurement of glomerular filtration rate. Pathology, 1986, 18, 445-447.	0.3	10
50	21-Hydroxylase Genotyping in Australasian Patients with Congenital Adrenal Hyperplasia. Journal of Pediatric Endocrinology and Metabolism, 2009, 22, 127-41.	0.4	9
51	GAMMA HEAVY CHAIN DISEASE DEVELOPING IN ASSOCIATION WITH MYELODYSPLASTIC SYNDROME. British Journal of Haematology, 1992, 81, 125-126.	1.2	8
52	Improved colorimetric determination of urinary thiosulfate to study intermediate sulfur metabolism in humans. Clinical Chemistry, 1993, 39, 2533-4.	1.5	8
53	Low Maternal Serum Oestriol at Mid-Trimester May Indicate a Fetal Disorder of Cholesterol Biosynthesis. Australian and New Zealand Journal of Obstetrics and Gynaecology, 1999, 39, 249-251.	0.4	7
54	Rapid estimation of urinary citrate by use of a centrifugal analyzer. Clinical Chemistry, 1985, 31, 779-80.	1.5	7

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55	Corticotropin deficiency: A rare cause of hyponatremia mimicking siadh. <i>Pathology</i> , 1991, 23, 8-10.	0.3	6
56	A radioimmunoassay of human prealbumin in body fluids. <i>Clinica Chimica Acta</i> , 1983, 134, 69-76.	0.5	5
57	CELLULOSE PHOSPHATE AND CHLOROTHIAZIDE IN CHILDHOOD IDIOPATHIC HYPERCALCIURIA. <i>Australian and New Zealand Journal of Medicine</i> , 1986, 16, 43-47.	0.5	5
58	Non-anaemic iron deficiency identified by ZPP test in extremely premature infants: prevalence, dietary risk factors, and association with neurodevelopmental problems. <i>Early Human Development</i> , 2002, 70, 73-83.	0.8	5
59	Chemical factors important to calcium nephrolithiasis: evidence for impaired hydroxycarboxylic acid absorption causing hyperoxaluria. <i>Clinical Chemistry</i> , 1987, 33, 243-7.	1.5	5
60	A comparative study of a premature infant formula and preterm breast milk for low birthweight infants. <i>Journal of Paediatrics and Child Health</i> , 1986, 22, 199-205.	0.4	4
61	Enteric Hyperoxaluria and Urolithiasis. <i>New England Journal of Medicine</i> , 1986, 315, 970-971.	13.9	4
62	IS PARATHYROID HORMONE-RELATED PROTEIN A SENSITIVE SERUM MARKER IN ADVANCED BREAST CANCER?. <i>ANZ Journal of Surgery</i> , 1997, 67, 256-259.	0.3	4
63	Individualizing aminophylline doses in premature infants using bioelectrical impedance: A non-invasive approach. <i>Journal of Paediatrics and Child Health</i> , 1993, 29, 113-118.	0.4	4
64	Preliminary Evidence for Enhanced Thymine Absorption: A Putative New Phenotype Associated With Fluoropyrimidine Toxicity in Cancer Patients. <i>Therapeutic Drug Monitoring</i> , 2018, 40, 495-502.	1.0	4
65	Two-carbon oxalogenesis compared in recurrent calcium oxalate stone formers and normal subjects. <i>Clinical Chemistry</i> , 1987, 33, 1118-20.	1.5	4
66	Rhabdomyolysis in Diabetic Ketoacidosis. <i>JAMA Pediatrics</i> , 1981, 135, 1079.	3.6	3
67	A report of accidental ethylene glycol ingestion in 2 siblings. <i>Pathology</i> , 1995, 27, 273-276.	0.3	3
68	Re: Levine et al. Fecal Hydrogen Sulfide Production in Ulcerative Colitis. <i>American Journal of Gastroenterology</i> , 1998, 93, 2638.	0.2	3
69	A Novel V185DfsX4 Mutation of the AAAS Gene in a 2-year-old Boy with Triple A Syndrome. <i>Clinical Pediatric Endocrinology</i> , 2009, 18, 73-75.	0.4	3
70	Urinary oxalate by rate analysis compared with gas-chromatographic and centrifugal analyzer methods. <i>Clinical Chemistry</i> , 1984, 30, 1891-2.	1.5	3
71	PORTAL VEIN PERFUSION OF THE ISOLATED RAT LIVER: SOME MARKERS OF HYPERTHERMIC LIVER DAMAGE. <i>The Australian Journal of Experimental Biology and Medical Science</i> , 1984, 62, 73-80.	0.7	2
72	Detection of premature rupture of membranes by measuring diamine oxidase in vaginal fluid: false-negative results caused by obstetric antiseptic creams. <i>Clinical Chemistry</i> , 1992, 38, 784.	1.5	2

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73	Effect of citrate on the urinary excretion of calcium and oxalate: relevance to calcium oxalate nephrolithiasis. <i>Clinical Chemistry</i> , 1989, 35, 23-8.	1.5	2
74	An automated method for measuring plasma citrate without protein precipitation. <i>Clinical Chemistry</i> , 1985, 31, 1578-9.	1.5	2
75	Quantitative determination of serum methemalbumin. <i>Pathology</i> , 1986, 18, 310-312.	0.3	1
76	Effect of oral citrate on calcium absorption after an oral load of calcium phosphate. <i>Clinical Chemistry</i> , 1989, 35, 1541.	1.5	1
77	Evidence that the Glucose-Tolerance Test Does Not Provide a Uniform Stimulus to Pancreatic Islets in Pregnancy. <i>Obstetrical and Gynecological Survey</i> , 1990, 45, 175-176.	0.2	0
78	Paediatric diabetes – which children can gain insulin independence?. <i>Medical Journal of Australia</i> , 2007, 187, 478-478.	0.8	0
79	Enzymes Indigenous to Milk: Xanthine Oxidoreductase. , 2022, , 701-705.		0
80	Hypoglycaemia: assessment and management. , 2011, , 1039-1048.		0
81	Human Placental Oxygen Metabolism. <i>Advances in Experimental Medicine and Biology</i> , 1992, 316, 463-466.	0.8	0
82	Effects of platelets on collection of specimens for assay of ammonia in plasma. <i>Clinical Chemistry</i> , 1985, 31, 332-3.	1.5	0
83	Stabilization of the reaction mixture used in urinary citrate estimations. <i>Clinical Chemistry</i> , 1985, 31, 1579.	1.5	0
84	False-positive result of a glucose tolerance test. <i>Medical Journal of Australia</i> , 1988, 149, 225-226.	0.8	0