

Adrian K Charles

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

3,268
citations

126708

33
h-index

168136

53
g-index

102
all docs

102
docs citations

102
times ranked

5061
citing authors

#	ARTICLE	IF	CITATIONS
1	Placenta and Fetal Growth Restriction. <i>Clinical Obstetrics and Gynecology</i> , 2006, 49, 236-256.	0.6	188
2	Mutations in KLHL40 Are a Frequent Cause of Severe Autosomal-Recessive Nemaline Myopathy. <i>American Journal of Human Genetics</i> , 2013, 93, 6-18.	2.6	186
3	Extending the phenotypes associated with <i>DICER1</i> mutations. <i>Human Mutation</i> , 2011, 32, 1381-1384.	1.1	173
4	An evaluation of classification systems for stillbirth. <i>BMC Pregnancy and Childbirth</i> , 2009, 9, 24.	0.9	131
5	Histologic Chorioamnionitis Is Associated With Reduced Risk of Late-Onset Sepsis in Preterm Infants. <i>Pediatrics</i> , 2012, 129, e134-e141.	1.0	115
6	Placental characteristics and birthweight. <i>Paediatric and Perinatal Epidemiology</i> , 2008, 22, 229-239.	0.8	111
7	Causes of death and associated conditions (Codac) – a utilitarian approach to the classification of perinatal deaths. <i>BMC Pregnancy and Childbirth</i> , 2009, 9, 22.	0.9	100
8	Novel <i>FOXF1</i> Mutations in Sporadic and Familial Cases of Alveolar Capillary Dysplasia with Misaligned Pulmonary Veins Imply a Role for its DNA Binding Domain. <i>Human Mutation</i> , 2013, 34, 801-811.	1.1	97
9	Non-Linear and Gender-Specific Relationships Among Placental Growth Measures and The Fetoplacental Weight Ratio†. <i>Placenta</i> , 2009, 30, 1052-1057.	0.7	80
10	Microdissecting the Genetic Events in Nephrogenic Rests and Wilms' Tumor Development. <i>American Journal of Pathology</i> , 1998, 153, 991-1000.	1.9	78
11	Placental growth patterns affect birth weight for given placental weight. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2007, 79, 281-288.	1.6	76
12	BCG vaccination-induced emergency granulopoiesis provides rapid protection from neonatal sepsis. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	76
13	Celiac Disease and Eosinophilic Esophagitis: A True Association. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2010, 50, 397-399.	0.9	67
14	Fetal akinesia: review of the genetics of the neuromuscular causes. <i>Journal of Medical Genetics</i> , 2011, 48, 793-801.	1.5	65
15	Renal tumours of childhood. <i>Histopathology</i> , 1998, 32, 293-309.	1.6	64
16	Solitary, multifocal and generalized myofibromas: clinicopathological and immunohistochemical features of 114 cases. <i>Histopathology</i> , 2012, 60, E1-11.	1.6	59
17	Pentoxifylline Reduces the Incidence and Severity of Necrotizing Enterocolitis in a Neonatal Rat Model. <i>Pediatric Research</i> , 2006, 60, 185-189.	1.1	57
18	Allometric Metabolic Scaling and Fetal and Placental Weight. <i>Placenta</i> , 2009, 30, 355-360.	0.7	57

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19	Changes in thymic regulatory T-cell maturation from birth to puberty: Differences in atopic children. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 199-206.e4.	1.5	56
20	Responsiveness of human monocytes to the commensal bacterium <i>Staphylococcus epidermidis</i> develops late in gestation. <i>Pediatric Research</i> , 2012, 72, 10-18.	1.1	53
21	Inflammatory and Haematological Markers in the Maternal, Umbilical Cord and Infant Circulation in Histological Chorioamnionitis. <i>PLoS ONE</i> , 2012, 7, e51836.	1.1	48
22	Caudal dysgenesis and sirenomelia—single centre experience suggests common pathogenic basis. <i>American Journal of Medical Genetics, Part A</i> , 2010, 152A, 2578-2587.	0.7	46
23	Antisense WT1 transcription parallels sense mRNA and protein expression in fetal kidney and can elevate protein levels <i>in vitro</i> . , 1998, 185, 352-359.		45
24	Comparative drug screening in NUT midline carcinoma. <i>British Journal of Cancer</i> , 2014, 110, 1189-1198.	2.9	44
25	Gynecologic Manifestations of the DICER1 Syndrome. <i>Surgical Pathology Clinics</i> , 2016, 9, 227-241.	0.7	43
26	Functional Deletion of the Calcium-Sensing Receptor in a Case of Neonatal Severe Hyperparathyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 3721-3730.	1.8	41
27	Screening for defective DNA mismatch repair in stage II and III colorectal cancer patients. <i>Clinical Gastroenterology and Hepatology</i> , 2004, 2, 1017-1025.	2.4	41
28	Novel BRD4—NUT fusion isoforms increase the pathogenic complexity in NUT midline carcinoma. <i>Oncogene</i> , 2013, 32, 4664-4674.	2.6	41
29	Ovarian Sex Cord-Stromal Tumors in Patients With Probable or Confirmed Germline DICER1 Mutations. <i>International Journal of Gynecological Pathology</i> , 2015, 34, 266-274.	0.9	39
30	Regulator of G protein signaling 5 is a determinant of gestational hypertension and preeclampsia. <i>Science Translational Medicine</i> , 2015, 7, 290ra88.	5.8	39
31	Central nervous system metastasis in Wilms' tumor. <i>Cancer</i> , 1998, 83, 2023-2029.	2.0	37
32	The role of autopsy following pregnancy termination for fetal abnormality. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2007, 47, 445-449.	0.4	36
33	Infection with Toxin A-Negative, Toxin B-Negative, Binary Toxin-Positive <i>Clostridium difficile</i> in a Young Patient with Ulcerative Colitis. <i>Journal of Clinical Microbiology</i> , 2015, 53, 3702-3704.	1.8	36
34	Thymic Indoleamine 2,3-Dioxygenase-Positive Eosinophils in Young Children. <i>American Journal of Pathology</i> , 2009, 175, 2043-2052.	1.9	35
35	Advanced abdominal pregnancy: still an occurrence in modern medicine. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2005, 45, 518-521.	0.4	34
36	Evolution of Renal Cysts to Anaplastic Sarcoma of Kidney in a Child With DICER1 Syndrome. <i>Pediatric Blood and Cancer</i> , 2016, 63, 1272-1275.	0.8	32

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37	Aetiology of stillbirth: unexplored is not unexplained. Australian and New Zealand Journal of Public Health, 2007, 31, 444-449.	0.8	31
38	The genotype of the NK cell receptor, KIR2DL4, influences INF γ secretion by decidual natural killer cells. Molecular Human Reproduction, 2009, 15, 489-497.	1.3	31
39	Infection and fetal loss in the mid-second trimester of pregnancy. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2010, 50, 221-225.	0.4	31
40	Multinodular Goiter in Children: An Important Pointer to a Germline DICER1 Mutation. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 1947-1948.	1.8	30
41	Pathology, genetics and cytogenetics of Wilms' tumour. Pathology, 2011, 43, 302-312.	0.3	29
42	Overexpression of Aromatase Associated With Loss of Heterozygosity of the <i>STK11</i> Gene Accounts for Prepubertal Gynecomastia in Boys with Peutz-Jeghers Syndrome. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E1979-E1987.	1.8	29
43	Human AGR2 Deficiency Causes Mucus Barrier Dysfunction and Infantile Inflammatory Bowel Disease. Cellular and Molecular Gastroenterology and Hepatology, 2021, 12, 1809-1830.	2.3	26
44	The effect of terminations of pregnancy for fetal abnormalities on trends in mortality to one year of age in Western Australia. Paediatric and Perinatal Epidemiology, 2005, 19, 284-293.	0.8	25
45	Fetal growth and the risk of childhood CNS tumors and lymphomas in Western Australia. International Journal of Cancer, 2008, 123, 436-443.	2.3	24
46	Focal dermal hypoplasia (Goltz syndrome) presenting as a severe fetal malformation syndrome. Clinical Dysmorphology, 1997, 6, 267-272.	0.1	21
47	Fetal growth and the risk of childhood non-CNS solid tumours in Western Australia. British Journal of Cancer, 2008, 99, 179-181.	2.9	20
48	Frequency and Timing of Loss of Imprinting at 11p13 and 11p15 in Wilms' Tumor Development. Molecular Cancer Research, 2008, 6, 1114-1123.	1.5	20
49	Uptake of the Perinatal Society of Australia and New Zealand perinatal mortality audit guideline. Australian and New Zealand Journal of Obstetrics and Gynaecology, 2010, 50, 138-143.	0.4	20
50	Placental measurements associated with intelligence quotient at age 7 years. Journal of Developmental Origins of Health and Disease, 2012, 3, 190-197.	0.7	20
51	Inflammatory myofibroblastic tumour of the bladder in children: A review. Journal of Pediatric Urology, 2015, 11, 239-245.	0.6	20
52	Histological chorioamnionitis and developmental outcomes in very preterm infants. Journal of Perinatology, 2019, 39, 321-330.	0.9	19
53	Discordant Fetal Infection for Parvovirus B19 in a Dichorionic Twin Pregnancy. Twin Research and Human Genetics, 2006, 9, 456-459.	0.3	18
54	Gross Placental Structure in a Low-Risk Population of Singleton, Term, First-Born Infants. Pediatric and Developmental Pathology, 2009, 12, 200-210.	0.5	18

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55	Connective tissue growth factor is expressed in bone marrow stromal cells and promotes interleukin-7-dependent B lymphopoiesis. <i>Haematologica</i> , 2014, 99, 1149-1156.	1.7	18
56	Characterization of 17.94, a novel anaplastic Wilms' tumor cell line. <i>Cancer Genetics</i> , 2012, 205, 319-326.	0.2	16
57	Risk of cancer among children with birth defects: A novel approach. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2015, 103, 284-291.	1.6	16
58	Diamniotic Conjoined Fetuses in a Triplet Pregnancy: An Insight into Embryonic Topology. <i>Pediatric and Developmental Pathology</i> , 2005, 8, 666-672.	0.5	15
59	Familial pleuropulmonary blastoma in Australia. <i>Pediatric Blood and Cancer</i> , 2010, 55, 1417-1419.	0.8	15
60	Differentiation of Islet Progenitors Regulated by Nicotinamide into Transcriptome-Verified β^2 Cells That Ameliorate Diabetes. <i>Stem Cells</i> , 2017, 35, 1341-1354.	1.4	15
61	Preclinical evaluation of drugs to block inflammation-driven preterm birth. <i>Innate Immunity</i> , 2017, 23, 20-33.	1.1	14
62	Caspase-14 expression in the human placenta. <i>Reproductive BioMedicine Online</i> , 2005, 11, 236-243.	1.1	12
63	Renal tumours of childhood: an update. <i>Pathology</i> , 2008, 40, 217-227.	0.3	12
64	Surgically managed perinatal testicular torsion: a single centre experience. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 1265-1268.	0.7	12
65	Neonatal congenital microvillus atrophy. <i>Postgraduate Medical Journal</i> , 2004, 80, 80-83.	0.9	11
66	Maternal Chorioamnionitis and Postneonatal Respiratory Tract Infection in Ex-Preterm Infants. <i>Journal of Pediatrics</i> , 2017, 184, 62-67.e2.	0.9	11
67	SNP-based arrays complement classic cytogenetics in the detection of chromosomal aberrations in Wilms's tumor. <i>Cancer Genetics</i> , 2012, 205, 80-93.	0.2	10
68	Unexplained fetal death: Are women with a history of fetal loss at higher risk?. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2009, 49, 151-157.	0.4	9
69	Fetal oromandibular limb hypogenesis syndrome following uterine curettage in early pregnancy. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2011, 91, 226-229.	1.6	9
70	<i>Haemophilus influenzae</i> : a potent perinatal pathogen disproportionately isolated from Indigenous women and their neonates. <i>Australian and New Zealand Journal of Obstetrics and Gynaecology</i> , 2016, 56, 75-81.	0.4	9
71	Long-term fate of the incised urethral plate in Snodgrass procedure; A real concern does exist. <i>Urology Case Reports</i> , 2020, 32, 101216.	0.1	9
72	Discordant fetal infection for parvovirus B19 in a dichorionic twin pregnancy. <i>Twin Research and Human Genetics</i> , 2006, 9, 456-9.	0.3	9

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73	Function of caspase-14 in trophoblast differentiation. <i>Reproductive Biology and Endocrinology</i> , 2009, 7, 98.	1.4	8
74	NUT protein immunoreactivity in ovarian germ cell tumours. <i>Pathology</i> , 2015, 47, 118-122.	0.3	8
75	The expression of apoptosis related genes in the first trimester human placenta using a short term in vitro model. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2005, 10, 135-140.	2.2	7
76	Cells of Epithelial Lineage Are Present in Blood, Engraft the Bronchial Epithelium, and Are Increased in Human Lung Transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2009, 28, 550-557.	0.3	7
77	Morphometry of the Basal Plate Superficial Uteroplacental Vasculature in Normal Midtrimester and at Term. <i>Pediatric and Developmental Pathology</i> , 2005, 8, 639-646.	0.5	6
78	Cytogenetic findings in Wilms's tumour: a single institute study. <i>Pathology</i> , 2010, 42, 643-649.	0.3	6
79	Letter to the Editor: Ossifying Renal Tumor of Infancy. <i>Pediatric Pathology & Laboratory Medicine: Journal of the Society for Pediatric Pathology, Affiliated With the International Paediatric Pathology Association</i> , 1997, 17, 332-334.	0.3	5
80	Timing of morphologic and apoptotic changes in the sheep fetal kidney in response to bladder outflow obstruction. <i>Journal of Pediatric Urology</i> , 2006, 2, 216-224.	0.6	5
81	Perilobar Nephrogenic Rests and Chromosome 22. <i>Pediatric and Developmental Pathology</i> , 2011, 14, 485-492.	0.5	5
82	Methods to decrease variability in histological scoring in placentas from a cohort of preterm infants. <i>BMJ Open</i> , 2017, 7, e013877.	0.8	4
83	Early morphological evidence of autosomal recessive polycystic kidney disease. <i>Lancet</i> , The, 1995, 345, 987.	6.3	3
84	The role of comparative genomic hybridisation in prenatal diagnosis. <i>British Journal of Obstetrics and Gynaecology</i> , 2001, 108, 642-648.	0.9	3
85	Interpretation of recent sudden infant death syndrome rates in Western Australia.. <i>Journal of Paediatrics and Child Health</i> , 2005, 41, 669-670.	0.4	3
86	Stillbirth and intrauterine growth restriction. , 0, , 62-82.		3
87	Congenital iRHOM2 deficiency causes ADAM17 dysfunction and environmentally directed immunodysregulatory disease. <i>Nature Immunology</i> , 2022, 23, 75-85.	7.0	3
88	Wilms tumor in a pediatric renal transplant recipient with unexpected Denys-Drash syndrome. <i>Transplantation Proceedings</i> , 2002, 34, 3203-3204.	0.3	2
89	Chronic diarrhoea: a presentation of immature neuroblastoma. <i>ANZ Journal of Surgery</i> , 2008, 78, 218-219.	0.3	2
90	Phylogeny of Wilms tumor?. <i>EBioMedicine</i> , 2016, 9, 11-12.	2.7	2

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91	Congenital Mid Ureteric Valve Stenosis Revisited: Case Report and Review of the Literature. <i>Frontiers in Pediatrics</i> , 2019, 7, 108.	0.9	2
92	Nephrogenic Rest and Mesoblastic Nephroma. <i>Pediatric Pathology & Laboratory Medicine: Journal of the Society for Pediatric Pathology, Affiliated With the International Paediatric Pathology Association</i> , 1996, 16, 695-696.	0.3	1
93	RCPA QAP paediatric/perinatal session. <i>Pathology</i> , 2009, 41, 8.	0.3	1
94	Expression Profile of Wnt/ β -Catenin Signalling Molecules and the Wnt Antagonist Secreted Frizzled-Related Protein 4 in Apoptosis in Breast Cancer Tissue Micro-Arrays. <i>Journal of Analytical Oncology</i> , 2014, 3, 205-212.	0.1	1
95	Collaborating with consumers: the key to achieving statutory notification for birth defects and cerebral palsy in Western Australia. <i>Journal of Registry Management</i> , 2013, 40, 9-13.	0.1	1
96	The role of the pathologist in the management of neuroblastoma. <i>Pediatric Surgery International</i> , 2002, 18, 295-298.	0.6	0
97	Infection and Fetal Loss in the Mid-Second Trimester of Pregnancy. <i>Obstetrical and Gynecological Survey</i> , 2010, 65, 613-614.	0.2	0
98	Congenital Tumors. , 2015, , 449-479.		0
99	Death Certification. , 2021, , 9-17.		0