

A D Kane

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2149591/publications.pdf>

Version: 2024-02-01

31
papers

3,843
citations

394421

19
h-index

434195

31
g-index

31
all docs

31
docs citations

31
times ranked

6252
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient multi-scale 3D CNN with fully connected CRF for accurate brain lesion segmentation. <i>Medical Image Analysis</i> , 2017, 36, 61-78.	11.6	2,382
2	Outcomes from intensive care in patients with COVID-19: a systematic review and meta-analysis of observational studies. <i>Anaesthesia</i> , 2020, 75, 1340-1349.	3.8	328
3	Developmental Programming of Cardiovascular Dysfunction by Prenatal Hypoxia and Oxidative Stress. <i>PLoS ONE</i> , 2012, 7, e31017.	2.5	228
4	Mortality in patients admitted to intensive care with COVID-19: an updated systematic review and meta-analysis of observational studies. <i>Anaesthesia</i> , 2021, 76, 537-548.	3.8	117
5	Partial contributions of developmental hypoxia and undernutrition to prenatal alterations in somatic growth and cardiovascular structure and function. <i>American Journal of Obstetrics and Gynecology</i> , 2010, 203, 495.e24-495.e34.	1.3	74
6	Vitamin C Prevents Intrauterine Programming of in vivo Cardiovascular Dysfunction in the Rat. <i>Circulation Journal</i> , 2013, 77, 2604-2611.	1.6	60
7	Fetal <i>in vivo</i> continuous cardiovascular function during chronic hypoxia. <i>Journal of Physiology</i> , 2016, 594, 1247-1264.	2.9	60
8	Heart Disease Link to Fetal Hypoxia and Oxidative Stress. <i>Advances in Experimental Medicine and Biology</i> , 2014, 814, 77-87.	1.6	58
9	Redox modulation of the fetal cardiovascular defence to hypoxaemia. <i>Journal of Physiology</i> , 2010, 588, 4235-4247.	2.9	57
10	Divergence of mechanistic pathways mediating cardiovascular aging and developmental programming of cardiovascular disease. <i>FASEB Journal</i> , 2016, 30, 1968-1975.	0.5	54
11	Induction of controlled hypoxic pregnancy in large mammalian species. <i>Physiological Reports</i> , 2015, 3, e12614.	1.7	47
12	Statin treatment depresses the fetal defence to acute hypoxia via increasing nitric oxide bioavailability. <i>Journal of Physiology</i> , 2012, 590, 323-334.	2.9	43
13	Intervention against hypertension in the next generation programmed by developmental hypoxia. <i>PLoS Biology</i> , 2019, 17, e2006552.	5.6	43
14	Xanthine oxidase and the fetal cardiovascular defence to hypoxia in late gestation ovine pregnancy. <i>Journal of Physiology</i> , 2014, 592, 475-489.	2.9	36
15	A role for xanthine oxidase in the control of fetal cardiovascular function in late gestation sheep. <i>Journal of Physiology</i> , 2012, 590, 1825-1837.	2.9	31
16	Direct Evidence of Progressive Cardiac Dysfunction in a Transgenic Mouse Model of Huntington's Disease. <i>Journal of Huntington's Disease</i> , 2012, 1, 57-64.	1.9	31
17	Maternal Allopurinol Prevents Cardiac Dysfunction in Adult Male Offspring Programmed by Chronic Hypoxia During Pregnancy. <i>Hypertension</i> , 2018, 72, 971-978.	2.7	29
18	Cardiac and vascular disease prior to hatching in chick embryos incubated at high altitude. <i>Journal of Developmental Origins of Health and Disease</i> , 2010, 1, 60-66.	1.4	28

#	ARTICLE	IF	CITATIONS
19	Perioperative COVID-19 infection in urgent elective surgery during a pandemic surge period: a retrospective observational cohort study. <i>Anaesthesia</i> , 2020, 75, 1596-1604.	3.8	26
20	Maternal chronic hypoxia increases expression of genes regulating lung liquid movement and surfactant maturation in male fetuses in late gestation. <i>Journal of Physiology</i> , 2017, 595, 4329-4350.	2.9	17
21	Maternal antioxidant treatment protects adult offspring against memory loss and hippocampal atrophy in a rodent model of developmental hypoxia. <i>FASEB Journal</i> , 2021, 35, e21477.	0.5	15
22	Decreasing mortality rates in ICU during the COVID-19 pandemic. <i>Anaesthesia</i> , 2021, 76, 10-10.	3.8	14
23	The burden of sepsis in the Emergency Department. <i>European Journal of Emergency Medicine</i> , 2015, 22, 363-365.	1.1	11
24	Statins prevent adverse effects of postnatal glucocorticoid therapy on the developing brain in rats. <i>Pediatric Research</i> , 2013, 74, 639-645.	2.3	9
25	Maternal-to-fetal allopurinol transfer and xanthine oxidase suppression in the late gestation pregnant rat. <i>Physiological Reports</i> , 2013, 1, e00156.	1.7	9
26	Altered Cardiovascular Defense to Hypotensive Stress in the Chronically Hypoxic Fetus. <i>Hypertension</i> , 2020, 76, 1195-1207.	2.7	9
27	The 7th UK National Audit Project (NAP7). The challenges of defining, studying and learning from perioperative cardiac arrest. <i>Anaesthesia</i> , 2021, 76, 1026-1030.	3.8	8
28	Detection and response to acute systemic hypoxia. <i>BJA Education</i> , 2020, 20, 58-64.	1.4	7
29	Impaired Nitric Oxide Mediated Vasodilation In The Peripheral Circulation In The R6/2 Mouse Model Of Huntington's Disease. <i>Scientific Reports</i> , 2016, 6, 25979.	3.3	6
30	Molecular regulation of lung maturation in near-term fetal sheep by maternal daily vitamin C treatment in late gestation. <i>Pediatric Research</i> , 2022, 91, 828-838.	2.3	5
31	The perioperative management of frailty in patients presenting for vascular surgery. <i>Anaesthesia and Intensive Care Medicine</i> , 2022, , .	0.2	1