

Amos Douvdevani

List of Publications by Year in descending order

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83
papers

2,952
citations

147801

31
h-index

175258

52
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87
all docs

87
docs citations

87
times ranked

4092
citing authors

#	ARTICLE	IF	CITATIONS
1	Quick cell-free DNA testing for the prediction of postconcussion syndrome: a single-center prospective pilot trial. <i>Journal of Neurosurgery</i> , 2022, 136, 1660-1666.	1.6	2
2	Cord Blood Cell-Free DNA Concentration: A Novel Marker for Neonatal Wellbeing. <i>American Journal of Perinatology</i> , 2022, 0, .	1.4	2
3	Fast fluorometric method for measuring circulating cell-free DNA could aid the diagnosis of febrile children. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 1577-1578.	1.5	1
4	A 1 and A 2A adenosine receptors play a protective role to reduce prevalence of autoimmunity following tissue damage. <i>Clinical and Experimental Immunology</i> , 2021, 205, 278-287.	2.6	4
5	Elevated Circulating Cell-Free DNA in Hemodialysis-Treated Patients Is Associated with Increased Mortality. <i>American Journal of Nephrology</i> , 2020, 51, 852-860.	3.1	8
6	Cell-free DNA concentration in patients with clinical or mammographic suspicion of breast cancer. <i>Scientific Reports</i> , 2020, 10, 14601.	3.3	21
7	Pharmacological preconditioning with adenosine A1 receptor agonist induces immunosuppression and improves graft survival in novel allogeneic transplantation models. <i>Scientific Reports</i> , 2020, 10, 4464.	3.3	1
8	Circulating cell-free DNA (cfDNA) levels in BRCA1 and BRCA2 mutation carriers: A preliminary study. <i>Cancer Biomarkers</i> , 2020, 28, 269-273.	1.7	4
9	Circulating cell-free DNA as a potential marker in smoke inhalation injury. <i>Medicine (United States)</i> , 2019, 98, e14863.	1.0	6
10	Maternal total cell-free DNA in preeclampsia and fetal growth restriction: Evidence of differences in maternal response to abnormal implantation. <i>PLoS ONE</i> , 2018, 13, e0200360.	2.5	34
11	Elevated Neutrophil Gelatinase Lipocalin Levels Are Associated With Increased Oxidative Stress in Hemodialysis Patients. <i>Journal of Clinical Medicine Research</i> , 2018, 10, 461-465.	1.2	5
12	Systemic inflammatory response syndrome-related lymphopenia is associated with adenosine A1 receptor dysfunction. <i>Journal of Leukocyte Biology</i> , 2017, 102, 95-103.	3.3	13
13	Circulating Cell-Free DNA Levels in Patients with Metastatic Renal Cell Carcinoma. <i>Oncology Research and Treatment</i> , 2017, 40, 707-710.	1.2	7
14	Cell-free deoxyribonucleic acid as a prognostic marker of bowel ischemia in patients with small bowel obstruction. <i>Surgery</i> , 2017, 162, 1063-1070.	1.9	10
15	Prognostic utility of admission cell-free DNA levels in patients with chronic obstructive pulmonary disease exacerbations. <i>International Journal of COPD</i> , 2016, Volume 11, 3153-3161.	2.3	20
16	Elevated Cell-Free DNA Measured by a Simple Assay Is Associated With Increased Rate of Colorectal Cancer Relapse. <i>American Journal of Clinical Pathology</i> , 2016, 145, 852-857.	0.7	14
17	Caffeine promotes anti-tumor immune response during tumor initiation: Involvement of the adenosine A2A receptor. <i>Biochemical Pharmacology</i> , 2015, 98, 110-118.	4.4	33
18	Cell-free DNA and telomere length among women undergoing in vitro fertilization treatment. <i>Journal of Assisted Reproduction and Genetics</i> , 2015, 32, 1697-1703.	2.5	14

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19	Measurement of Circulating Cell-Free DNA Levels by a Simple Fluorescent Test in Patients With Breast Cancer. <i>American Journal of Clinical Pathology</i> , 2015, 143, 18-24.	0.7	54
20	Admission Cell Free DNA Levels Predict 28-Day Mortality in Patients with Severe Sepsis in Intensive Care. <i>PLoS ONE</i> , 2014, 9, e100514.	2.5	64
21	Admission Cell Free DNA as a Prognostic Factor in Burns: Quantification by Use of a Direct Rapid Fluorometric Technique. <i>BioMed Research International</i> , 2014, 2014, 1-5.	1.9	24
22	Pharmacological preconditioning with adenosine A1 receptor agonist suppresses cellular immune response by an A2A receptor dependent mechanism. <i>International Immunopharmacology</i> , 2014, 20, 205-212.	3.8	11
23	Decrease in cell free DNA levels following participation in stress reduction techniques among women undergoing infertility treatment. <i>Archives of Women's Mental Health</i> , 2014, 17, 251-253.	2.6	27
24	The role of cell-free DNA measured by a fluorescent test in the management of isolated traumatic head injuries. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2014, 22, 21.	2.6	21
25	Cell-free DNA blood levels in colorectal cancer patients do not correlate with mismatch repair-proficiency. <i>In Vivo</i> , 2014, 28, 349-54.	1.3	7
26	Increased plasma cell-free DNA is associated with low pregnancy rates among women undergoing IVFâ€“embryo transfer. <i>Reproductive BioMedicine Online</i> , 2013, 26, 36-41.	2.4	21
27	Circulating cell-free DNA in hemodialysis patients predicts mortality. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 3929-3935.	0.7	42
28	Improved Methods for Thermal Rearrangement of Alicyclic α -Hydroxyimines to α -Aminoketones: Synthesis of Ketamine Analogues as Antisepsis Candidates. <i>Molecules</i> , 2012, 17, 6784-6807.	3.8	12
29	Cell-Free DNA as a Marker for Prediction of Brain Damage in Traumatic Brain Injury in Rats. <i>Journal of Neurotrauma</i> , 2012, 29, 261-267.	3.4	31
30	Transient Extremity Ischemia Augments CD34+ Progenitor Cell Availability. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 639-645.	5.6	9
31	Cell-Free DNAâ€“A Marker to Predict Ischemic Brain Damage in a Rat Stroke Experimental Model. <i>Journal of Neurosurgical Anesthesiology</i> , 2011, 23, 222-228.	1.2	37
32	Measurement of Circulating Cell-Free DNA Levels by a New Simple Fluorescent Test in Patients With Primary Colorectal Cancer. <i>American Journal of Clinical Pathology</i> , 2011, 135, 264-270.	0.7	70
33	Transplantation of Genetically Engineered Cardiac Fibroblasts Producing Recombinant Human Erythropoietin to Repair the Infarcted Myocardium. , 2011, , 197-216.		0
34	Association Between Renal Injury and Reduced Interleukin-15 and Interleukin-15 Receptor Levels in Acute Kidney Injury. <i>Journal of Interferon and Cytokine Research</i> , 2010, 30, 1-8.	1.2	22
35	Regulation of adenosine system at the onset of peritonitis. <i>Nephrology Dialysis Transplantation</i> , 2010, 25, 931-939.	0.7	11
36	Cell free DNA detected by a novel method in acute ST-elevation myocardial infarction patients. <i>Acute Cardiac Care</i> , 2010, 12, 109-111.	0.2	64

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37	Blocking adenosine A2A receptor reduces peritoneal fibrosis in two independent experimental models. <i>Nephrology Dialysis Transplantation</i> , 2009, 24, 2392-2399.	0.7	16
38	The effects of statin therapy on inflammatory cytokines in patients with bacterial infections: a randomized double-blind placebo controlled clinical trial. <i>Intensive Care Medicine</i> , 2009, 35, 1255-1260.	8.2	132
39	Ketamine delays mortality in an experimental model of hemorrhagic shock and subsequent sepsis. <i>Resuscitation</i> , 2009, 80, 935-939.	3.0	5
40	A rapid direct fluorescent assay for cell-free DNA quantification in biological fluids. <i>Annals of Clinical Biochemistry</i> , 2009, 46, 488-494.	1.6	107
41	New Degradable Cationic Peptides for Modulated Gene Delivery. <i>Advances in Experimental Medicine and Biology</i> , 2009, 611, 245-246.	1.6	1
42	Transplantation of genetically engineered cardiac fibroblasts producing recombinant human erythropoietin to repair the infarcted myocardium. <i>Fibrogenesis and Tissue Repair</i> , 2008, 1, 7.	3.4	10
43	Characterization of natural human antagonistic soluble CD40 isoforms produced through alternative splicing. <i>Molecular Immunology</i> , 2008, 46, 250-257.	2.2	27
44	Sporadic Culture-Negative Peritonitis in Peritoneal Dialysis Patients – Absence of Endotoxin in Dialysate. <i>Nephron Clinical Practice</i> , 2008, 108, c1-c4.	2.3	6
45	Erythropoietin Prevents Dialysis Fluid-Induced Apoptosis of Mesothelial Cells. <i>Peritoneal Dialysis International</i> , 2008, 28, 648-654.	2.3	7
46	Anti-Inflammatory Preconditioning by Agonists of Adenosine A1 Receptor. <i>PLoS ONE</i> , 2008, 3, e2107.	2.5	56
47	Erythropoietin prevents dialysis fluid-induced apoptosis of mesothelial cells. <i>Peritoneal Dialysis International</i> , 2008, 28, 648-54.	2.3	2
48	Adenosine in burn blister fluid. <i>Burns</i> , 2007, 33, 352-354.	1.9	9
49	Involvement of graft-derived interleukin-15 in islet allograft rejection in mice. <i>Cytokine</i> , 2006, 34, 106-113.	3.2	6
50	Ketamine Improves Survival in Burn Injury Followed by Sepsis in Rats. <i>Anesthesia and Analgesia</i> , 2006, 103, 396-402.	2.2	42
51	Adenosine is upregulated during peritonitis and is involved in downregulation of inflammation. <i>Kidney International</i> , 2006, 70, 675-681.	5.2	20
52	Vitamin D decreases NF- κ B activity by increasing I κ B α levels. <i>Nephrology Dialysis Transplantation</i> , 2006, 21, 889-897.	0.7	256
53	T lymphocytes: the "cellular" arm of acquired immunity in the peritoneum. <i>Peritoneal Dialysis International</i> , 2006, 26, 438-48.	2.3	11
54	Involvement of Adenosine in the Antiinflammatory Action of Ketamine. <i>Anesthesiology</i> , 2005, 102, 1174-1181.	2.5	76

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55	CD40 ligand (CD154) takes part in regulation of the transition to mononuclear cell dominance during peritonitis. <i>Kidney International</i> , 2005, 67, 1340-1349.	5.2	13
56	Renal cells express a functional interleukin-15 receptor. <i>Nephrology Dialysis Transplantation</i> , 2005, 20, 516-523.	0.7	26
57	CD40 ligand expression correlates with resolution of peritonitis and mononuclear cell recruitment. <i>Peritoneal Dialysis International</i> , 2005, 25, 240-7.	2.3	8
58	Ketamine improves survival and suppresses IL-6 and TNF α production in a model of Gram-negative bacterial sepsis in rats. <i>Resuscitation</i> , 2004, 62, 237-242.	3.0	41
59	Fluorescence in situ hybridization performed on exfoliated urothelial cells in patients with transitional cell carcinoma of the bladder. <i>Urology</i> , 2004, 63, 398-401.	1.0	33
60	Correction of anemia in uremic mice by genetically modified peritoneal mesothelial cells. <i>Kidney International</i> , 2003, 63, 2103-2112.	5.2	21
61	Major involvement of CD40 in the regulation of chemokine secretion from human peritoneal mesothelial cells. <i>Kidney International</i> , 2003, 64, 2064-2071.	5.2	13
62	Novel role of 1,25(OH) $_2$ D $_3$ in induction of erythroid progenitor cell proliferation. <i>Experimental Hematology</i> , 2002, 30, 403-409.	0.4	107
63	INTERLEUKIN-15 IS THE MAIN MEDIATOR OF LYMPHOCYTE PROLIFERATION IN CULTURES MIXED WITH HUMAN KIDNEY TUBULAR EPITHELIAL CELLS $_1$. <i>Transplantation</i> , 2001, 72, 886-890.	1.0	15
64	The In Vitro Effects of Ketamine at Large Concentrations Can Be Attributed to a Nonspecific Cytostatic Effect. <i>Anesthesia and Analgesia</i> , 2001, 92, 927-929.	2.2	18
65	Regulation of TNF α by 1,25-dihydroxyvitamin D $_3$ in human macrophages from CAPD patients. <i>Kidney International</i> , 2001, 59, 69-75.	5.2	55
66	CD40 Ligation Enhances IL-15 Production by Tubular Epithelial Cells. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 80-87.	6.1	34
67	CD40 Is Expressed on Human Peritoneal Mesothelial Cells and Upregulates the Production of Interleukin-15 and RANTES. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 695-702.	6.1	36
68	Accessory role of human peritoneal mesothelial cells in antigen presentation and T-cell growth. <i>Kidney International</i> , 2000, 57, 476-486.	5.2	58
69	Raised Interleukin α 6 Levels in Obese Patients. <i>Obesity</i> , 2000, 8, 673-675.	4.0	272
70	Gel clot LAL assay in the initial management of peritoneal dialysis patients with peritonitis: a retrospective study. <i>Nephrology Dialysis Transplantation</i> , 2000, 15, 680-683.	0.7	13
71	The effect of a high partial pressure of carbon dioxide environment on metabolism and immune functions of human peritoneal cells—Relevance to carbon dioxide pneumoperitoneum. <i>American Journal of Obstetrics and Gynecology</i> , 1998, 179, 1503-1510.	1.3	62
72	Deoxyribonucleic Acid Ploidy and the Clinical Pattern of Grade 2 Superficial Bladder Cancer. <i>Journal of Urology</i> , 1997, 157, 1254-1258.	0.4	8

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73	Effect of Bicarbonate-Based Dialysis Solutions on Intracellular Ph (Phi) and Tnf α Production by Peritoneal Macrophages. <i>Peritoneal Dialysis International</i> , 1997, 17, 546-553.	2.3	20
74	TNF-receptors on human peritoneal mesothelial cells: Regulation of receptor levels and shedding by IL-1 α and TNF α . <i>Kidney International</i> , 1996, 50, 219-228.	5.2	25
75	Commercial dialysate inhibits TNF α mRNA expression and NF- κ B DNA-binding activity in LPS-stimulated macrophages. <i>Kidney International</i> , 1995, 47, 1537-1545.	5.2	29
76	Human peritoneal mesothelial cells synthesize IL-1 α and β . <i>Kidney International</i> , 1994, 46, 993-1001.	5.2	87
77	Direct growth inhibition of human endometrial cancer cells by the gonadotropin-releasing hormone antagonist SB-75: Role of apoptosis. <i>American Journal of Obstetrics and Gynecology</i> , 1994, 170, 96-102.	1.3	56
78	Direct growth inhibition of human endometrial cancer cells by the gonadotropin-releasing hormone antagonist SB-75: Role of apoptosis. <i>American Journal of Obstetrics and Gynecology</i> , 1994, 170, 96-102.	1.3	46
79	Cytokine-induced tumor immunogenicity: endogenous interleukin-1 α expressed by fibrosarcoma cells confers reduced tumorigenicity. <i>Immunology Letters</i> , 1993, 39, 45-52.	2.5	32
80	Different regulatory levels are involved in the generation of hemopoietic cytokines (CSFs and IL-6) in fibroblasts stimulated by inflammatory products. <i>Cytokine</i> , 1993, 5, 47-56.	3.2	31
81	Interleukin-1 production by transformed fibroblasts. II. Influence on antigen presentation and T-cell-mediated anti-tumor response. <i>International Journal of Cancer</i> , 1992, 50, 450-457.	5.1	30
82	Reduced tumorigenicity of fibrosarcomas which constitutively generate il-1 α either spontaneously or following il-1 α gene transfer. <i>International Journal of Cancer</i> , 1992, 51, 822-830.	5.1	69
83	Regulation of interleukin 1 generation in immune-activated fibroblasts. <i>European Journal of Immunology</i> , 1990, 20, 731-738.	2.9	33