

# 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  
g-index

87  
all docs

87  
docs citations

87  
times ranked

4092  
citing authors

#	ARTICLE	IF	CITATIONS
1	Raised Interleukin-6 Levels in Obese Patients. <i>Obesity</i> , 2000, 8, 673-675.	4.0	272
2	Vitamin D decreases NF- $\kappa$ B activity by increasing IL-1 $\beta$ levels. <i>Nephrology Dialysis Transplantation</i> , 2006, 21, 889-897.	0.7	256
3	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
4	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
5	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
6	Human peritoneal mesothelial cells synthesize IL-1 $\beta$ and IL-2. <i>Kidney International</i> , 1994, 46, 993-1001.	5.2	87
7	Involvement of Adenosine in the Antiinflammatory Action of Ketamine. <i>Anesthesiology</i> , 2005, 102, 1174-1181.	2.5	76
8	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
9	Reduced tumorigenicity of fibrosarcomas which constitutively generate il-1 $\beta$ either spontaneously or following il-1 $\beta$ gene transfer. <i>International Journal of Cancer</i> , 1992, 51, 822-830.	5.1	69
10	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
11	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
12	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
13	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
14	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
15	Anti-Inflammatory Preconditioning by Agonists of Adenosine A1 Receptor. <i>PLoS ONE</i> , 2008, 3, e2107.	2.5	56
16	Regulation of TNF- $\alpha$ by IL-1 $\beta$ , 25-dihydroxyvitamin D $_3$ in human macrophages from CAPD patients. <i>Kidney International</i> , 2001, 59, 69-75.	5.2	55
17	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
18	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

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19	Ketamine Improves Survival in Burn Injury Followed by Sepsis in Rats. <i>Anesthesia and Analgesia</i> , 2006, 103, 396-402.	2.2	42
20	Circulating cell-free DNA in hemodialysis patients predicts mortality. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 3929-3935.	0.7	42
21	Ketamine improves survival and suppresses IL-6 and TNF $\alpha$ production in a model of Gram-negative bacterial sepsis in rats. <i>Resuscitation</i> , 2004, 62, 237-242.	3.0	41
22	Cell-Free DNA as 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
23	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
24	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
25	CD40 Ligand 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
26	Regulation of interleukin 1 generation in immune-activated fibroblasts. <i>European Journal of Immunology</i> , 1990, 20, 731-738.	2.9	33
27	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
28	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
29	Cytokine-induced tumor immunogenicity: endogenous interleukin-1 $\beta$ expressed by fibrosarcoma cells confers reduced tumorigenicity. <i>Immunology Letters</i> , 1993, 39, 45-52.	2.5	32
30	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
31	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
32	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
33	Commercial dialysate inhibits TNF $\alpha$ mRNA expression and NF- $\kappa$ B DNA-binding activity in LPS-stimulated macrophages. <i>Kidney International</i> , 1995, 47, 1537-1545.	5.2	29
34	Characterization of natural human antagonistic soluble CD40 isoforms produced through alternative splicing. <i>Molecular Immunology</i> , 2008, 46, 250-257.	2.2	27
35	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
36	Renal cells express a functional interleukin-15 receptor. <i>Nephrology Dialysis Transplantation</i> , 2005, 20, 516-523.	0.7	26

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37	TNF-receptors on human peritoneal mesothelial cells: Regulation of receptor levels and shedding by IL-1 $\beta$ and TNF $\alpha$ . <i>Kidney International</i> , 1996, 50, 219-228.	5.2	25
38	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
39	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
40	Correction of anemia in uremic mice by genetically modified peritoneal mesothelial cells. <i>Kidney International</i> , 2003, 63, 2103-2112.	5.2	21
41	Increased plasma cell-free DNA is associated with low pregnancy rates among women undergoing IVF embryo transfer. <i>Reproductive BioMedicine Online</i> , 2013, 26, 36-41.	2.4	21
42	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
43	Cell-free DNA concentration in patients with clinical or mammographic suspicion of breast cancer. <i>Scientific Reports</i> , 2020, 10, 14601.	3.3	21
44	Effect of Bicarbonate-Based Dialysis Solutions on Intracellular Ph (Phi) and Tnfr $\beta$ Production by Peritoneal Macrophages. <i>Peritoneal Dialysis International</i> , 1997, 17, 546-553.	2.3	20
45	Adenosine is upregulated during peritonitis and is involved in downregulation of inflammation. <i>Kidney International</i> , 2006, 70, 675-681.	5.2	20
46	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
47	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
48	Blocking adenosine A2A receptor reduces peritoneal fibrosis in two independent experimental models. <i>Nephrology Dialysis Transplantation</i> , 2009, 24, 2392-2399.	0.7	16
49	INTERLEUKIN-15 IS THE MAIN MEDIATOR OF LYMPHOCYTE PROLIFERATION IN CULTURES MIXED WITH HUMAN KIDNEY TUBULAR EPITHELIAL CELLS1. <i>Transplantation</i> , 2001, 72, 886-890.	1.0	15
50	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
51	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
52	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
53	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
54	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

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55	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
56	Improved Methods for Thermal Rearrangement of Alicyclic $\alpha$ -Hydroxyimines to $\alpha$ -Aminoketones: Synthesis of Ketamine Analogues as Antisepsis Candidates. <i>Molecules</i> , 2012, 17, 6784-6807.	3.8	12
57	Regulation of adenosine system at the onset of peritonitis. <i>Nephrology Dialysis Transplantation</i> , 2010, 25, 931-939.	0.7	11
58	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
59	T lymphocytes: the "cellular" arm of acquired immunity in the peritoneum. <i>Peritoneal Dialysis International</i> , 2006, 26, 438-48.	2.3	11
60	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
61	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
62	Adenosine in burn blister fluid. <i>Burns</i> , 2007, 33, 352-354.	1.9	9
63	Transient Extremity Ischemia Augments CD34+ Progenitor Cell Availability. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 639-645.	5.6	9
64	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
65	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
66	CD40 ligand expression correlates with resolution of peritonitis and mononuclear cell recruitment. <i>Peritoneal Dialysis International</i> , 2005, 25, 240-7.	2.3	8
67	Erythropoietin Prevents Dialysis Fluid-Induced Apoptosis of Mesothelial Cells. <i>Peritoneal Dialysis International</i> , 2008, 28, 648-654.	2.3	7
68	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
69	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
70	Involvement of graft-derived interleukin-15 in islet allograft rejection in mice. <i>Cytokine</i> , 2006, 34, 106-113.	3.2	6
71	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
72	Circulating cell-free DNA as a potential marker in smoke inhalation injury. <i>Medicine (United States)</i> , 2019, 98, e14863.	1.0	6

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73	Ketamine delays mortality in an experimental model of hemorrhagic shock and subsequent sepsis. Resuscitation, 2009, 80, 935-939.	3.0	5
74	Elevated Neutrophil Gelatinase Lipocalin Levels Are Associated With Increased Oxidative Stress in Hemodialysis Patients. Journal of Clinical Medicine Research, 2018, 10, 461-465.	1.2	5
75	Circulating cell-free DNA (cfDNA) levels in BRCA1 and BRCA2 mutation carriers: A preliminary study. Cancer Biomarkers, 2020, 28, 269-273.	1.7	4
76	A 1 and A 2A adenosine receptors play a protective role to reduce prevalence of autoimmunity following tissue damage. Clinical and Experimental Immunology, 2021, 205, 278-287.	2.6	4
77	Quick cell-free DNA testing for the prediction of postconcussion syndrome: a single-center prospective pilot trial. Journal of Neurosurgery, 2022, 136, 1660-1666.	1.6	2
78	Erythropoietin prevents dialysis fluid-induced apoptosis of mesothelial cells. Peritoneal Dialysis International, 2008, 28, 648-54.	2.3	2
79	Cord Blood Cell-Free DNA Concentration: A Novel Marker for Neonatal Wellbeing. American Journal of Perinatology, 2022, 0, .	1.4	2
80	Pharmacological preconditioning with adenosine A1 receptor agonist induces immunosuppression and improves graft survival in novel allogeneic transplantation models. Scientific Reports, 2020, 10, 4464.	3.3	1
81	Fast fluorometric method for measuring circulating cell-free DNA could aid the diagnosis of febrile children. Acta Paediatrica, International Journal of Paediatrics, 2021, 110, 1577-1578.	1.5	1
82	New Degradable Cationic Peptides for Modulated Gene Delivery. Advances in Experimental Medicine and Biology, 2009, 611, 245-246.	1.6	1
83	Transplantation of Genetically Engineered Cardiac Fibroblasts Producing Recombinant Human Erythropoietin to Repair the Infarcted Myocardium. , 2011, , 197-216.		0