Giovanni Camussi

List of Publications by Citations

532 papers	35,534 citations	86 h-index	170 g-index
550 ext. papers	40,734 ext. citations	6.4 avg, IF	6.94 L-index

#	Paper	IF	Citations
532	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. *Journal of Extracellular Vesicles*, **2018**, 7, 1535750	16.4	3642
531	Mesenchymal stem cell-derived microvesicles protect against acute tubular injury. *Journal of the American Society of Nephrology: JASN*, **2009**, 20, 1053-67	12.7	949
530	Recent advances in 2D and 3D in vitro systems using primary hepatocytes, alternative hepatocyte sources and non-parenchymal liver cells and their use in investigating mechanisms of hepatotoxicity, cell signaling and ADME. *Archives of Toxicology*, **2013**, 87, 1315-530	5.8	837
529	Exosomes/microvesicles as a mechanism of cell-to-cell communication. *Kidney International*, **2010**, 78, 838-48	9.9	831
528	Vesiclepedia: a compendium for extracellular vesicles with continuous community annotation. *PLoS Biology*, **2012**, 10, e1001450	9.7	800
527	Endothelial progenitor cell derived microvesicles activate an angiogenic program in endothelial cells by a horizontal transfer of mRNA. *Blood*, **2007**, 110, 2440-8	2.2	760
526	Applying extracellular vesicles based therapeutics in clinical trials - an ISEV position paper. *Journal of Extracellular Vesicles*, **2015**, 4, 30087	16.4	722
525	Microvesicles released from human renal cancer stem cells stimulate angiogenesis and formation of lung premetastatic niche. *Cancer Research*, **2011**, 71, 5346-56	10.1	668
524	Microvesicles derived from human adult mesenchymal stem cells protect against ischaemia-reperfusion-induced acute and chronic kidney injury. *Nephrology Dialysis Transplantation*, **2011**, 26, 1474-83	4.3	598
523	Isolation of renal progenitor cells from adult human kidney. *American Journal of Pathology*, **2005**, 166, 545-55	5.8	514
522	Microvesicles derived from adult human bone marrow and tissue specific mesenchymal stem cells shuttle selected pattern of miRNAs. *PLoS ONE*, **2010**, 5, e11803	3.7	489
521	Microvesicles derived from mesenchymal stem cells enhance survival in a lethal model of acute kidney injury. *PLoS ONE*, **2012**, 7, e33115	3.7	446
520	Microvesicles derived from endothelial progenitor cells protect the kidney from ischemia-reperfusion injury by microRNA-dependent reprogramming of resident renal cells. *Kidney International*, **2012**, 82, 412-27	9.9	395
519	Tumor necrosis factor/cachectin stimulates peritoneal macrophages, polymorphonuclear neutrophils, and vascular endothelial cells to synthesize and release platelet-activating factor. *Journal of Experimental Medicine*, **1987**, 166, 1390-404	16.6	337
518	The release of platelet-activating factor from human endothelial cells in culture. *Journal of Immunology*, **1983**, 131, 2397-403	5.3	332
517	The angiogenesis induced by HIV-1 tat protein is mediated by the Flk-1/KDR receptor on vascular endothelial cells. *Nature Medicine*, **1996**, 2, 1371-5	50.5	330
516	Isolation and characterization of a stem cell population from adult human liver. *Stem Cells*, **2006**, 24, 2840-50	5.8	329

515	Therapeutic potential of mesenchymal stem cell-derived microvesicles. *Nephrology Dialysis Transplantation*, **2012**, 27, 3037-42	4.3	313
514	Mesenchymal stem cells contribute to the renal repair of acute tubular epithelial injury. *International Journal of Molecular Medicine*, **2004**, 14, 1035-41	4.4	306
513	Evidence-Based Clinical Use of Nanoscale Extracellular Vesicles in Nanomedicine. *ACS Nano*, **2016**, 10, 3886-99	16.7	304
512	Nephrin expression is reduced in human diabetic nephropathy: evidence for a distinct role for glycated albumin and angiotensin II. *Diabetes*, **2003**, 52, 1023-30	0.9	291
511	Role of platelet-activating factor in cardiovascular pathophysiology. *Physiological Reviews*, **2000**, 80, 1669-99	47.9	288
510	Exogenous mesenchymal stem cells localize to the kidney by means of CD44 following acute tubular injury. *Kidney International*, **2007**, 72, 430-41	9.9	286
509	Identification of a tumor-initiating stem cell population in human renal carcinomas. *FASEB Journal*, **2008**, 22, 3696-705	0.9	267
508	Human liver stem cell-derived microvesicles accelerate hepatic regeneration in hepatectomized rats. *Journal of Cellular and Molecular Medicine*, **2010**, 14, 1605-18	5.6	241
507	Extracellular vesicles as an emerging mechanism of cell-to-cell communication. *Endocrine*, **2013**, 44, 11-9	4	236
506	Altered angiogenesis and survival in human tumor-derived endothelial cells. *FASEB Journal*, **2003**, 17, 1159-61	0.9	227
505	Microvesicles derived from human bone marrow mesenchymal stem cells inhibit tumor growth. *Stem Cells and Development*, **2013**, 22, 758-71	4.4	217
504	CEP-18770: A novel, orally active proteasome inhibitor with a tumor-selective pharmacologic profile competitive with bortezomib. *Blood*, **2008**, 111, 2765-75	2.2	217
503	Nephrin redistribution on podocytes is a potential mechanism for proteinuria in patients with primary acquired nephrotic syndrome. *American Journal of Pathology*, **2001**, 158, 1723-31	5.8	213
502	Biodistribution of mesenchymal stem cell-derived extracellular vesicles in a model of acute kidney injury monitored by optical imaging. *International Journal of Molecular Medicine*, **2014**, 33, 1055-63	4.4	209
501	The molecular action of tumor necrosis factor-alpha. *FEBS Journal*, **1991**, 202, 3-14		205
500	The emerging role of extracellular vesicles as biomarkers for urogenital cancers. *Nature Reviews Urology*, **2014**, 11, 688-701	5.5	201
499	A novel community driven software for functional enrichment analysis of extracellular vesicles data. *Journal of Extracellular Vesicles*, **2017**, 6, 1321455	16.4	200
498	Platelet-derived growth factor regulates the secretion of extracellular vesicles by adipose mesenchymal stem cells and enhances their angiogenic potential. *Cell Communication and Signaling*, **2014**, 12, 26	7.5	194

497	Exosome/microvesicle-mediated epigenetic reprogramming of cells. *American Journal of Cancer Research*, **2011**, 1, 98-110	4.4	188
496	Release of platelet-activating factor (PAF) and histamine. II. The cellular origin of human PAF: monocytes, polymorphonuclear neutrophils and basophils. *Immunology*, **1981**, 42, 191-9	7.8	178
495	AKI Recovery Induced by Mesenchymal Stromal Cell-Derived Extracellular Vesicles Carrying MicroRNAs. *Journal of the American Society of Nephrology: JASN*, **2015**, 26, 2349-60	12.7	164
494	Synthesis and release of platelet-activating factor by human vascular endothelial cells treated with tumor necrosis factor or interleukin 1 alpha.. *Journal of Biological Chemistry*, **1988**, 263, 11856-11861	5.4	163
493	Synthesis and release of platelet-activating factor by human vascular endothelial cells treated with tumor necrosis factor or interleukin 1 alpha. *Journal of Biological Chemistry*, **1988**, 263, 11856-61	5.4	159
492	Role of stem-cell-derived microvesicles in the paracrine action of stem cells. *Biochemical Society Transactions*, **2013**, 41, 283-7	5.1	154
491	Tumour necrosis factor in serum and synovial fluid of patients with active and severe rheumatoid arthritis. *Annals of the Rheumatic Diseases*, **1990**, 49, 665-7	2.4	154
490	Stem Cell-Derived Extracellular Vesicles and Immune-Modulation. *Frontiers in Cell and Developmental Biology*, **2016**, 4, 83	5.7	154
489	Maternal vascular prostacyclin activity in pre-eclampsia. *Lancet, The*, **1980**, 2, 702	40	148
488	CD133+ renal progenitor cells contribute to tumor angiogenesis. *American Journal of Pathology*, **2006**, 169, 2223-35	5.8	147
487	Human endothelial cells are target for platelet-activating factor. I. Platelet-activating factor induces changes in cytoskeleton structures. *Journal of Immunology*, **1987**, 139, 2439-46	5.3	144
486	Human liver stem cell-derived microvesicles inhibit hepatoma growth in SCID mice by delivering antitumor microRNAs. *Stem Cells*, **2012**, 30, 1985-98	5.8	141
485	Microvesicles derived from endothelial progenitor cells enhance neoangiogenesis of human pancreatic islets. *Cell Transplantation*, **2012**, 21, 1305-20	4	138
484	Charge-based precipitation of extracellular vesicles. *International Journal of Molecular Medicine*, **2016**, 38, 1359-1366	4.4	135
483	Improved route for the visualization of stem cells labeled with a Gd-/Eu-chelate as dual (MRI and fluorescence) agent. *Magnetic Resonance in Medicine*, **2004**, 51, 938-44	4.4	133
482	Role of extracellular RNA-carrying vesicles in cell differentiation and reprogramming. *Stem Cell Research and Therapy*, **2015**, 6, 153	8.3	131
481	Sorafenib blocks tumour growth, angiogenesis and metastatic potential in preclinical models of osteosarcoma through a mechanism potentially involving the inhibition of ERK1/2, MCL-1 and ezrin pathways. *Molecular Cancer*, **2009**, 8, 118	42.1	131
480	Paracrine/endocrine mechanism of stem cells on kidney repair: role of microvesicle-mediated transfer of genetic information. *Current Opinion in Nephrology and Hypertension*, **2010**, 19, 7-12	3.5	131

479	Tumor necrosis factor alpha-induced angiogenesis depends on in situ platelet-activating factor biosynthesis. *Journal of Experimental Medicine*, **1994**, 180, 377-82	16.6	131
478	Extracellular Vesicles: Evolving Factors in Stem Cell Biology. *Stem Cells International*, **2016**, 2016, 1073140	5	129
477	Mesenchymal stromal cell-derived extracellular vesicles rescue radiation damage to murine marrow hematopoietic cells. *Leukemia*, **2016**, 30, 2221-2231	10.7	129
476	Endothelial progenitor cell-derived microvesicles improve neovascularization in a murine model of hindlimb ischemia. *International Journal of Immunopathology and Pharmacology*, **2012**, 25, 75-85	3	126
475	Production of platelet-activating factor by chick retina.. *Journal of Biological Chemistry*, **1986**, 261, 16502-16508	5.4	125
474	Magnetic resonance visualization of tumor angiogenesis by targeting neural cell adhesion molecules with the highly sensitive gadolinium-loaded apoferritin probe. *Cancer Research*, **2006**, 66, 9196-201	10.1	122
473	HIV-1 kills renal tubular epithelial cells in vitro by triggering an apoptotic pathway involving caspase activation and Fas upregulation. *Journal of Clinical Investigation*, **1998**, 102, 2041-9	15.9	119
472	Renal Regenerative Potential of Different Extracellular Vesicle Populations Derived from Bone Marrow Mesenchymal Stromal Cells. *Tissue Engineering - Part A*, **2017**, 23, 1262-1273	3.9	117
471	Production of platelet-activating factor by chick retina. *Journal of Biological Chemistry*, **1986**, 261, 16502-8	5.4	116
470	Stem cells derived from human amniotic fluid contribute to acute kidney injury recovery. *American Journal of Pathology*, **2010**, 177, 2011-21	5.8	108
469	PAF produced by human breast cancer cells promotes migration and proliferation of tumor cells and neo-angiogenesis. *American Journal of Pathology*, **2000**, 157, 1713-25	5.8	106
468	Alternative pathway activation of complement by cultured human proximal tubular epithelial cells. *Kidney International*, **1994**, 45, 451-60	9.9	106
467	Development of inflammatory angiogenesis by local stimulation of Fas in vivo. *Journal of Experimental Medicine*, **1997**, 186, 147-52	16.6	105
466	Preeclamptic sera induce nephrin shedding from podocytes through endothelin-1 release by endothelial glomerular cells. *American Journal of Physiology - Renal Physiology*, **2008**, 294, F1185-94	4.3	105
465	Mediators of immune-complex-induced aggregation of polymorphonuclear neutrophils. II. Platelet-activating factor as the effector substance of immune-induced aggregation. *International Archives of Allergy and Immunology*, **1981**, 64, 25-41	3.7	103
464	Improved Loading of Plasma-Derived Extracellular Vesicles to Encapsulate Antitumor miRNAs. *Molecular Therapy - Methods and Clinical Development*, **2019**, 13, 133-144	6.4	102
463	Effect of the monocyte chemoattractant protein-1/CC chemokine receptor 2 system on nephrin expression in streptozotocin-treated mice and human cultured podocytes. *Diabetes*, **2009**, 58, 2109-18	0.9	101
462	Endothelial cell differentiation of human breast tumour stem/progenitor cells. *Journal of Cellular and Molecular Medicine*, **2009**, 13, 309-319	5.6	101

461	Isolation and characterization of resident mesenchymal stem cells in human glomeruli. *Stem Cells and Development*, **2009**, 18, 867-80	4.4	100
460	Exosome and Microvesicle-Enriched Fractions Isolated from Mesenchymal Stem Cells by Gradient Separation Showed Different Molecular Signatures and Functions on Renal Tubular Epithelial Cells. *Stem Cell Reviews and Reports*, **2017**, 13, 226-243	6.4	99
459	Human mesenchymal stem cell-derived microvesicles modulate T cell response to islet antigen glutamic acid decarboxylase in patients with type 1 diabetes. *Diabetologia*, **2014**, 57, 1664-73	10.3	99
458	Synthesis and release of platelet-activating factor is inhibited by plasma alpha 1-proteinase inhibitor or alpha 1-antichymotrypsin and is stimulated by proteinases. *Journal of Experimental Medicine*, **1988**, 168, 1293-306	16.6	99
457	Alternative pathway complement activation induces proinflammatory activity in human proximal tubular epithelial cells. *Nephrology Dialysis Transplantation*, **1997**, 12, 51-6	4.3	96
456	The secretome of mesenchymal stromal cells: Role of extracellular vesicles in immunomodulation. *Immunology Letters*, **2015**, 168, 154-8	4.1	95
455	Statins prevent oxidized LDL-induced injury of glomerular podocytes by activating the phosphatidylinositol 3-kinase/AKT-signaling pathway. *Journal of the American Society of Nephrology: JASN*, **2005**, 16, 1936-47	12.7	95
454	Stem cell-derived extracellular vesicles inhibit and revert fibrosis progression in a mouse model of diabetic nephropathy. *Scientific Reports*, **2019**, 9, 4468	4.9	93
453	The effects of glomerular and tubular renal progenitors and derived extracellular vesicles on recovery from acute kidney injury. *Stem Cell Research and Therapy*, **2017**, 8, 24	8.3	91
452	Release of platelet-activating factor and histamine. I. Effect of immune complexes, complement and neutrophils on human and rabbit mastocytes and basophils. *Immunology*, **1977**, 33, 523-34	7.8	91
451	Extracellular vesicles released from mesenchymal stromal cells modulate miRNA in renal tubular cells and inhibit ATP depletion injury. *Stem Cells and Development*, **2014**, 23, 1809-19	4.4	90
450	Effects of 1,25(OH)2D3 in experimental mesangial proliferative nephritis in rats. *Kidney International*, **2001**, 60, 87-95	9.9	89
449	The role of microvesicles in tissue repair. *Organogenesis*, **2011**, 7, 105-15	1.7	88
448	The future role of anti-tumour necrosis factor (TNF) products in the treatment of rheumatoid arthritis. *Drugs*, **1998**, 55, 613-20	12.1	87
447	Human mesenchymal stem cells and derived extracellular vesicles induce regulatory dendritic cells in type 1 diabetic patients. *Diabetologia*, **2016**, 59, 325-33	10.3	86
446	CD40-dependent activation of phosphatidylinositol 3-kinase/Akt pathway mediates endothelial cell survival and in vitro angiogenesis. *Journal of Biological Chemistry*, **2003**, 278, 18008-14	5.4	86
445	Thrombopoietin stimulates endothelial cell motility and neoangiogenesis by a platelet-activating factor-dependent mechanism. *Circulation Research*, **1999**, 84, 785-96	15.7	85
444	Antibody-induced redistribution of Heymann antigen on the surface of cultured glomerular visceral epithelial cells: possible role in the pathogenesis of Heymann glomerulonephritis. *Journal of Immunology*, **1985**, 135, 2409-16	5.3	85

443	Role of Alix in miRNA packaging during extracellular vesicle biogenesis. *International Journal of Molecular Medicine*, **2016**, 37, 958-66	4.4	84
442	Potential role of platelet-activating factor in renal pathophysiology. *Kidney International*, **1986**, 29, 469-77	9.9	84
441	Tumor exploits alternative strategies to achieve vascularization. *FASEB Journal*, **2011**, 25, 2874-82	0.9	83
440	Circulating plasma factors induce tubular and glomerular alterations in septic burns patients. *Critical Care*, **2008**, 12, R42	10.8	83
439	Insight on the pathogenesis of diabetic nephropathy from the study of podocyte and mesangial cell biology. *Current Diabetes Reviews*, **2005**, 1, 27-40	2.7	83
438	Combined delivery and magnetic resonance imaging of neural cell adhesion molecule-targeted doxorubicin-containing liposomes in experimentally induced Kaposi's sarcoma. *Cancer Research*, **2010**, 70, 2180-90	10.1	82
437	Insulin-like growth factor binding protein-3 induces angiogenesis through IGF-I- and SphK1-dependent mechanisms. *Journal of Thrombosis and Haemostasis*, **2007**, 5, 835-45	15.4	81
436	Antiinflammatory peptides (antiflammins) inhibit synthesis of platelet-activating factor, neutrophil aggregation and chemotaxis, and intradermal inflammatory reactions. *Journal of Experimental Medicine*, **1990**, 171, 913-27	16.6	79
435	In vivo activation of met tyrosine kinase by heterodimeric hepatocyte growth factor molecule promotes angiogenesis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1995**, 15, 1857-65	9.4	78
434	Idiopathic myelofibrosis: a possible role for immune-complexes in the pathogenesis of bone marrow fibrosis. *British Journal of Haematology*, **1981**, 49, 17-21	4.5	78
433	Magnetic resonance imaging of gadolinium-labeled pancreatic islets for experimental transplantation. *NMR in Biomedicine*, **2007**, 20, 40-8	4.4	77
432	HIV-1-Tat protein activates phosphatidylinositol 3-kinase/ AKT-dependent survival pathways in Kaposi's sarcoma cells. *Journal of Biological Chemistry*, **2002**, 277, 25195-202	5.4	77
431	Salivary extracellular vesicle-associated miRNAs as potential biomarkers in oral squamous cell carcinoma. *BMC Cancer*, **2018**, 18, 439	4.8	76
430	Removal of cytokines and activated complement components in an experimental model of continuous plasma filtration coupled with sorbent adsorption. *Nephrology Dialysis Transplantation*, **1998**, 13, 1458-64	4.3	76
429	Removal of platelet-activating factor in experimental continuous arteriovenous hemofiltration. *Critical Care Medicine*, **1995**, 23, 99-107	1.4	76
428	Obesity reduces the pro-angiogenic potential of adipose tissue stem cell-derived extracellular vesicles (EVs) by impairing miR-126 content: impact on clinical applications. *International Journal of Obesity*, **2016**, 40, 102-11	5.5	75
427	Platelet-activating factor-induced loss of glomerular anionic charges. *Kidney International*, **1984**, 25, 73-81	9.9	75
426	Polymyxin-B hemoperfusion inactivates circulating proapoptotic factors. *Intensive Care Medicine*, **2008**, 34, 1638-45	14.5	74

425	Platelet-activating factor directly stimulates in vitro migration of endothelial cells and promotes in vivo angiogenesis by a heparin-dependent mechanism. *Journal of Immunology*, **1995**, 154, 6492-501	5.3	74
424	Human liver stem cells and derived extracellular vesicles improve recovery in a murine model of acute kidney injury. *Stem Cell Research and Therapy*, **2014**, 5, 124	8.3	73
423	The ghrelin gene products and exendin-4 promote survival of human pancreatic islet endothelial cells in hyperglycaemic conditions, through phosphoinositide 3-kinase/Akt, extracellular signal-related kinase (ERK)1/2 and cAMP/protein kinase A (PKA) signalling pathways. *Diabetologia*, **2012**, 55, 1058-70	10.3	72
422	Human liver stem cells improve liver injury in a model of fulminant liver failure. *Hepatology*, **2013**, 57, 311-9	11.2	72
421	Role of soluble mediators in angiogenesis. *European Journal of Cancer*, **1996**, 32A, 2401-12	7.5	72
420	Nitric oxide mediates angiogenesis induced in vivo by platelet-activating factor and tumor necrosis factor-alpha. *American Journal of Pathology*, **1997**, 151, 557-63	5.8	71
419	Non-coding RNAs in Mesenchymal Stem Cell-Derived Extracellular Vesicles: Deciphering Regulatory Roles in Stem Cell Potency, Inflammatory Resolve, and Tissue Regeneration. *Frontiers in Genetics*, **2017**, 8, 161	4.5	70
418	Isolation, characterization and potential role in beta cell-endothelium cross-talk of extracellular vesicles released from human pancreatic islets. *PLoS ONE*, **2014**, 9, e102521	3.7	69
417	Platelet-activating factor (PAF) in experimentally-induced rabbit acute serum sickness: role of basophil-derived PAF in immune complex deposition. *Journal of Immunology*, **1982**, 128, 86-94	5.3	69
416	Human endothelial cells are targets for platelet-activating factor (PAF). Activation of alpha and beta protein kinase C isozymes in endothelial cells stimulated by PAF.. *Journal of Biological Chemistry*, **1994**, 269, 2877-2886	5.4	69
415	Release of platelet-activating factor in systemic lupus erythematosus. *International Archives of Allergy and Immunology*, **1990**, 91, 244-56	3.7	68
414	Obestatin regulates adipocyte function and protects against diet-induced insulin resistance and inflammation. *FASEB Journal*, **2012**, 26, 3393-411	0.9	67
413	Acute lung inflammation induced in the rabbit by local instillation of 1-0-octadecyl-2-acetyl-sn-glyceryl-3-phosphorylcholine or of native platelet-activating factor. *American Journal of Pathology*, **1983**, 112, 78-88	5.8	67
412	Contribution of stem cells to kidney repair. *American Journal of Nephrology*, **2008**, 28, 813-22	4.6	66
411	Cross Talk between Cancer and Mesenchymal Stem Cells through Extracellular Vesicles Carrying Nucleic Acids. *Frontiers in Oncology*, **2016**, 6, 125	5.3	66
410	Interaction between systemic inflammation and renal tubular epithelial cells. *Nephrology Dialysis Transplantation*, **2014**, 29, 2004-11	4.3	65
409	Differentiation therapy: targeting human renal cancer stem cells with interleukin 15. *Journal of the National Cancer Institute*, **2011**, 103, 1884-98	9.7	65
408	Contribution of stem cells to kidney repair. *Current Stem Cell Research and Therapy*, **2009**, 4, 2-8	3.6	65

407	Sca-1 identifies the tumor-initiating cells in mammary tumors of BALB-neuT transgenic mice. *Neoplasia*, **2008**, 10, 1433-43	6.4	65
406	Effects of recombinant human megakaryocyte growth and development factor on platelet activation. *Blood*, **1996**, 87, 2762-2768	2.2	65
405	Platelet-Activating Factor Produced by Endothelial Cells. A Molecule with Autocrine and Paracrine Properties. *FEBS Journal*, **1995**, 229, 327-337		65
404	C-KIT, by interacting with the membrane-bound ligand, recruits endothelial progenitor cells to inflamed endothelium. *Blood*, **2007**, 109, 4264-71	2.2	64
403	Human immunodeficiency virus-1 tat induces hyperproliferation and dysregulation of renal glomerular epithelial cells. *American Journal of Pathology*, **2002**, 161, 53-61	5.8	63
402	Release of platelet activating factor in rabbits with antibody-mediated injury of the lung: the role of leukocytes and of pulmonary endothelial cells. *Journal of Immunology*, **1983**, 131, 1802-7	5.3	63
401	Angiogenesis induced in vivo by hepatocyte growth factor is mediated by platelet-activating factor synthesis from macrophages. *Journal of Immunology*, **1997**, 158, 1302-9	5.3	62
400	Cellular phenotype and extracellular vesicles: basic and clinical considerations. *Stem Cells and Development*, **2014**, 23, 1429-36	4.4	61
399	Endothelial progenitor cell-derived extracellular vesicles protect from complement-mediated mesangial injury in experimental anti-Thy1.1 glomerulonephritis. *Nephrology Dialysis Transplantation*, **2015**, 30, 410-22	4.3	61
398	Hypoxia modulates the undifferentiated phenotype of human renal inner medullary CD133+ progenitors through Oct4/miR-145 balance. *American Journal of Physiology - Renal Physiology*, **2012**, 302, F116-28	4.3	61
397	Monocyte chemoattractant protein-1 has prosclerotic effects both in a mouse model of experimental diabetes and in vitro in human mesangial cells. *Diabetologia*, **2008**, 51, 198-207	10.3	61
396	Antiangiogenic and immunomodulatory effects of rapamycin on islet endothelium: relevance for islet transplantation. *American Journal of Transplantation*, **2006**, 6, 2601-11	8.7	60
395	Fc receptor triggering induces expression of surface activation antigens and release of platelet-activating factor in large granular lymphocytes. *Proceedings of the National Academy of Sciences of the United States of America*, **1986**, 83, 2443-7	11.5	60
394	Extracellular vesicles derived from renal cancer stem cells induce a pro-tumorigenic phenotype in mesenchymal stromal cells. *Oncotarget*, **2015**, 6, 7959-69	3.3	60
393	Role of HLA-G and extracellular vesicles in renal cancer stem cell-induced inhibition of dendritic cell differentiation. *BMC Cancer*, **2015**, 15, 1009	4.8	59
392	From endothelial to beta cells: insights into pancreatic islet microendothelium. *Current Diabetes Reviews*, **2008**, 4, 1-9	2.7	59
391	Role of L-selectin in the vascular homing of peripheral blood-derived endothelial progenitor cells. *Journal of Immunology*, **2004**, 173, 5268-74	5.3	59
390	The role of platelet-activating factor in inflammation. *Clinical Immunology and Immunopathology*, **1990**, 57, 331-8		59

389	Human endothelial cells are targets for platelet-activating factor (PAF). Activation of alpha and beta protein kinase C isozymes in endothelial cells stimulated by PAF. *Journal of Biological Chemistry*, **1994**, 269, 2877-86	5.4	59
388	Role of mesenchymal stem cell-derived microvesicles in tissue repair. *Pediatric Nephrology*, **2013**, 28, 2249-54	3.2	58
387	Human IL-3 stimulates endothelial cell motility and promotes in vivo new vessel formation. *Journal of Immunology*, **1999**, 163, 2151-9	5.3	58
386	Extracellular vesicles as new players in angiogenesis. *Vascular Pharmacology*, **2016**, 86, 64-70	5.9	57
385	The long pentraxin PTX3 is synthesized in IgA glomerulonephritis and activates mesangial cells. *Journal of Immunology*, **2003**, 170, 1466-72	5.3	57
384	Tumor necrosis factor stimulates human neutrophils to release leukotriene B4 and platelet-activating factor. Induction of phospholipase A2 and acetyl-CoA:1-alkyl-sn-glycero-3-phosphocholine O2-acetyltransferase activity and inhibition by antiproteinase. *FEBS Journal*, **1989**, 182, 661-6		57
383	Role of tumor necrosis factor-alpha and platelet-activating factor in neoangiogenesis induced by synovial fluids of patients with rheumatoid arthritis. *European Journal of Immunology*, **1996**, 26, 1690-4	6.1	56
382	Isolation and characterization of human breast tumor-derived endothelial cells. *Oncology Reports*, **2006**, 15, 381-6	3.5	55
381	Interleukin-3 stimulates migration and proliferation of vascular smooth muscle cells: a potential role in atherogenesis. *Circulation*, **2001**, 103, 549-54	16.7	54
380	Potential angiogenic role of platelet-activating factor in human breast cancer. *American Journal of Pathology*, **1998**, 153, 1589-96	5.8	54
379	Calpain activation and secretion promote glomerular injury in experimental glomerulonephritis: evidence from calpastatin-transgenic mice. *Journal of the American Society of Nephrology: JASN*, **2006**, 17, 3415-23	12.7	53
378	Platelet-activating factor enhances vascular endothelial growth factor-induced endothelial cell motility and neoangiogenesis in a murine matrigel model. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2000**, 20, 80-8	9.4	53
377	Alkyl-ether phosphoglycerides influence calcium fluxes into human endothelial cells. *Journal of Immunology*, **1985**, 135, 2748-53	5.3	52
376	Persistent infection of human vascular endothelial cells by group B coxsackieviruses. *Journal of Infectious Diseases*, **1997**, 175, 693-6	7	51
375	Distinct pathogenic effects of group B coxsackieviruses on human glomerular and tubular kidney cells. *Journal of Virology*, **1997**, 71, 9180-7	6.6	51
374	Urinary CD133+ extracellular vesicles are decreased in kidney transplanted patients with slow graft function and vascular damage. *PLoS ONE*, **2014**, 9, e104490	3.7	50
373	Syndecan-1 promotes the angiogenic phenotype of multiple myeloma endothelial cells. *Leukemia*, **2012**, 26, 1081-90	10.7	50
372	Mechanisms of the priming effect of low doses of lipopoly-saccharides on leukocyte-dependent platelet aggregation in whole blood. *Thrombosis and Haemostasis*, **2003**, 90, 872-81	7	50

371	RAGE- and TGF-beta receptor-mediated signals converge on STAT5 and p21waf to control cell-cycle progression of mesangial cells: a possible role in the development and progression of diabetic nephropathy. *FASEB Journal*, **2004**, 18, 1249-51	0.9	50
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369	Activated Stat5 trafficking Via Endothelial Cell-derived Extracellular Vesicles Controls IL-3 Pro-angiogenic Paracrine Action. *Scientific Reports*, **2016**, 6, 25689	4.9	50
368	Aberrantly glycosylated IgA1 induces mesangial cells to produce platelet-activating factor that mediates nephrin loss in cultured podocytes. *Kidney International*, **2010**, 77, 417-27	9.9	49
367	Biosynthesis and release of platelet-activating factor from human monocytes. *International Archives of Allergy and Immunology*, **1983**, 70, 245-51	3.7	49
366	Effect of platelet activating factor on guinea-pig papillary muscle. *Experientia*, **1984**, 40, 697-9		49
365	Stretch reduces nephrin expression via an angiotensin II-AT(1)-dependent mechanism in human podocytes: effect of rosiglitazone. *American Journal of Physiology - Renal Physiology*, **2010**, 298, F381-90	4.3	48
364	Expression of CD40 and its ligand, CD40L, in intestinal lesions of Crohn's disease. *American Journal of Gastroenterology*, **1999**, 94, 3279-84	0.7	48
363	Acetylcholine and dopamine promote the production of platelet activating factor in immature cells of chick embryonic retina. *Journal of Neurochemistry*, **1988**, 51, 1755-9	6	48
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