Giovanni Camussi

List of Publications by Year in Descending Order

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	Generation of Spike-Extracellular Vesicles (S-EVs) as a Tool to Mimic SARS-CoV-2 Interaction with Host Cells.. *Cells*, **2022**, 11,	7.9	3
531	Role of Extracellular Vesicles in the Pathogenesis of Vascular Damage.. *Hypertension*, **2022**, HYPERTENSIONAHA1211795	8.3	5
530	Optimized Protocol for Plasma-Derived Extracellular Vesicles Loading with Synthetic miRNA Mimic Using Electroporation.. *Methods in Molecular Biology*, **2022**, 2504, 219-230	1.4	1
529	Extracellular Vesicles as Biomarkers of Acute Graft-vs.-Host Disease After Haploidentical Stem Cell Transplantation and Post-Transplant Cyclophosphamide.. *Frontiers in Immunology*, **2021**, 12, 816231	8.4	1
528	Human Liver Stem Cell Derived Extracellular Vesicles Alleviate Kidney Fibrosis by Interfering with the Catenin Pathway through miR29b. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
527	Surface Marker Expression in Small and Medium/Large Mesenchymal Stromal Cell-Derived Extracellular Vesicles in Naive or Apoptotic Condition Using Orthogonal Techniques. *Cells*, **2021**, 10,	7.9	3
526	Human Liver Stem Cell-Derived Extracellular Vesicles Target Hepatic Stellate Cells and Attenuate Their Pro-fibrotic Phenotype. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 777462	5.7	2
525	Serum Derived Extracellular Vesicles Mediated Delivery of Synthetic miRNAs in Human Endothelial Cells. *Frontiers in Molecular Biosciences*, **2021**, 8, 636587	5.6	3
524	Protective Role of the M-Sec-Tunneling Nanotube System in Podocytes. *Journal of the American Society of Nephrology: JASN*, **2021**, 32, 1114-1130	12.7	3
523	Adipocyte-derived extracellular vesicles regulate survival and function of pancreatic cells. *JCI Insight*, **2021**, 6,	9.9	16
522	Human Liver Stem Cells: A Liver-Derived Mesenchymal Stromal Cell-Like Population With Pro-regenerative Properties. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 644088	5.7	4
521	Differential Therapeutic Effect of Extracellular Vesicles Derived by Bone Marrow and Adipose Mesenchymal Stem Cells on Wound Healing of Diabetic Ulcers and Correlation to Their Cargoes. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	20
520	Extracellular Vesicles Tune the Immune System in Renal Disease: A Focus on Systemic Lupus Erythematosus, Antiphospholipid Syndrome, Thrombotic Microangiopathy and ANCA-Vasculitis. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	5
519	Extracellular Vesicles Derived from Endothelial Progenitor Cells Protect Human Glomerular Endothelial Cells and Podocytes from Complement- and Cytokine-Mediated Injury. *Cells*, **2021**, 10,	7.9	7
518	Coincubation as miR-Loading Strategy to Improve the Anti-Tumor Effect of Stem Cell-Derived EVs. *Pharmaceutics*, **2021**, 13,	6.4	5
517	Human liver stem cell-derived extracellular vesicles reduce injury in a model of normothermic machine perfusion of rat livers previously exposed to a prolonged warm ischemia. *Transplant International*, **2021**, 34, 1607-1617	3	2
516	Extracellular vesicles from patients with Acute Coronary Syndrome impact on ischemia-reperfusion injury. *Pharmacological Research*, **2021**, 170, 105715	10.2	5

515	Percutaneous Coronary Intervention (PCI) Reprograms Circulating Extracellular Vesicles from ACS Patients Impairing Their Cardio-Protective Properties. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
514	Characterization of Circulating Extracellular Vesicle Surface Antigens in Patients With Primary Aldosteronism. *Hypertension*, **2021**, 78, 726-737	8.5	5
513	Generation of Human Stem Cell-Derived Pancreatic Organoids (POs) for Regenerative Medicine. *Advances in Experimental Medicine and Biology*, **2020**, 1212, 179-220	3.6	7
512	Early effects of first-line treatment with anti-interleukin-6 receptor antibody tocilizumab for chronic active antibody-mediated rejection in kidney transplantation. *Clinical Transplantation*, **2020**, 34, e13908	3.8	23
511	Nephroprotective Potential of Mesenchymal Stromal Cells and Their Extracellular Vesicles in a Murine Model of Chronic Cyclosporine Nephrotoxicity. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 296	5.7	7
510	Role of ncRNAs in modulation of liver fibrosis by extracellular vesicles. *ExRNA*, **2020**, 2,	4.2	3
509	Extracellular Vesicles: A Therapeutic Option for Liver Fibrosis. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	18
508	miR-130a and Tgf□Content in Extracellular Vesicles Derived from the Serum of Subjects at High Cardiovascular Risk Predicts their In-Vivo Angiogenic Potential. *Scientific Reports*, **2020**, 10, 706	4.9	7
507	Extracellular vesicles from human liver stem cells inhibit renal cancer stem cell-derived tumor growth in vitro and in vivo. *International Journal of Cancer*, **2020**, 147, 1694-1706	7.5	22
506	A Versatile Model of Microfluidic Perifusion System for the Evaluation of C-Peptide Secretion Profiles: Comparison Between Human Pancreatic Islets and HLSC-Derived Islet-Like Structures. *Biomedicines*, **2020**, 8,	4.8	3
505	Human liver stem cells express UGT1A1 and improve phenotype of immunocompromised Crigler Najjar syndrome type I mice. *Scientific Reports*, **2020**, 10, 887	4.9	7
504	The Inflammatory Cytokine IL-3 Hampers Cardioprotection Mediated by Endothelial Cell-Derived Extracellular Vesicles Possibly via Their Protein Cargo. *Cells*, **2020**, 10,	7.9	8
503	Inflammation-related gene expression profiles of salivary extracellular vesicles in patients with head trauma. *Neural Regeneration Research*, **2020**, 15, 676-681	4.5	10
502	Extracellular Vesicles From Adipose Stem Cells Prevent Muscle Damage and Inflammation in a Mouse Model of Hind Limb Ischemia: Role of Neuregulin-1. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2020**, 40, 239-254	9.4	28
501	HLSC-Derived Extracellular Vesicles Attenuate Liver Fibrosis and Inflammation in a Murine Model of Non-alcoholic Steatohepatitis. *Molecular Therapy*, **2020**, 28, 479-489	11.7	35
500	Intrahepatic Administration of Human Liver Stem Cells in Infants with Inherited Neonatal-Onset Hyperammonemia: A Phase I Study. *Stem Cell Reviews and Reports*, **2020**, 16, 186-197	7.3	12
499	Urinary Extracellular Vesicles Carrying Klotho Improve the Recovery of Renal Function in an Acute Tubular Injury Model. *Molecular Therapy*, **2020**, 28, 490-502	11.7	36
498	Acute and chronic glomerular damage is associated with reduced CD133 expression in urinary extracellular vesicles. *American Journal of Physiology - Renal Physiology*, **2020**, 318, F486-F495	4.3	10

497	Targeting IL-3R□on tumor-derived endothelial cells blunts metastatic spread of triple-negative breast cancer via extracellular vesicle reprogramming. *Oncogenesis*, **2020**, 9, 90	6.6	13
496	Detection of urinary podocytes by flow cytometry in idiopathic membranous nephropathy. *Scientific Reports*, **2020**, 10, 16362	4.9	3
495	Stem cells and stem cell-derived extracellular vesicles in acute and chronic kidney diseases: mechanisms of repair. *Annals of Translational Medicine*, **2020**, 8, 570	3.2	9
494	Extracellular Vesicles Released by Tumor Endothelial Cells Spread Immunosuppressive and Transforming Signals Through Various Recipient Cells. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 698	5.7	10
493	Extracellular Vesicles in the Tumour Microenvironment: Eclectic Supervisors. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	6
492	Molecular Pathways Modulated by Mesenchymal Stromal Cells and Their Extracellular Vesicles in Experimental Models of Liver Fibrosis. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 594794	5.7	10
491	Mesenchymal Stem Cell Derived Extracellular Vesicles Ameliorate Kidney Injury in Aristolochic Acid Nephropathy. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 188	5.7	24
490	Renal Regenerative Potential of Extracellular Vesicles Derived from miRNA-Engineered Mesenchymal Stromal Cells. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	26
489	Human Liver-Derived Stem Cells Improve Fibrosis and Inflammation Associated with Nonalcoholic Steatohepatitis. *Stem Cells International*, **2019**, 2019, 6351091	5	14
488	Characterization and Gene Expression Analysis of Serum-Derived Extracellular Vesicles in Primary Aldosteronism. *Hypertension*, **2019**, 74, 359-367	8.5	15
487	Salivary Extracellular Vesicle-Associated exRNA as Cancer Biomarker. *Cancers*, **2019**, 11,	6.6	23
486	Role of extracellular vesicles in stem cell biology. *American Journal of Physiology - Cell Physiology*, **2019**, 317, C303-C313	5.4	28
485	Low dose 100 cGy irradiation as a potential therapy for pulmonary hypertension. *Journal of Cellular Physiology*, **2019**, 234, 21193-21198	7	4
484	Online Hemodiafiltration Inhibits Inflammation-Related Endothelial Dysfunction and Vascular Calcification of Uremic Patients Modulating miR-223 Expression in Plasma Extracellular Vesicles. *Journal of Immunology*, **2019**, 202, 2372-2383	5.3	22
483	Extracellular vesicles in onco-nephrology. *Experimental and Molecular Medicine*, **2019**, 51, 1-8	12.8	12
482	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
481	Mesenchymal Stromal Cell Derived Extracellular Vesicles Reduce Hypoxia-Ischaemia Induced Perinatal Brain Injury. *Frontiers in Physiology*, **2019**, 10, 282	4.6	32
480	Extracellular vesicles from human liver stem cells inhibit tumor angiogenesis. *International Journal of Cancer*, **2019**, 144, 322-333	7.5	30

479	Citrate anion improves chronic dialysis efficacy, reduces systemic inflammation and prevents Chemerin-mediated microvascular injury. *Scientific Reports*, **2019**, 9, 10622	4.9	12
478	Mesenchymal stem cell-derived extracellular vesicles improve the molecular phenotype of isolated rat lungs during ischemia/reperfusion injury. *Journal of Heart and Lung Transplantation*, **2019**, 38, 1306-1316	5.8	23
477	Biodistribution of Mesenchymal Stem Cell-Derived Extracellular Vesicles in a Radiation Injury Bone Marrow Murine Model. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	25
476	Plasmatic Extracellular Vesicles in Acute Graft-Versus-Host Disease after Haplo-Identical Allografting with Post-Transplant Cyclophosphamide. *Blood*, **2019**, 134, 598-598	2.2	
475	The Role of Extracellular Vesicles as Paracrine Effectors in Stem Cell-Based Therapies. *Advances in Experimental Medicine and Biology*, **2019**, 1201, 175-193	3.6	15
474	Improved Loading of Plasma-Derived Extracellular Vesicles to Encapsulate Antitumor miRNAs. *Molecular Therapy - Methods and Clinical Development*, **2019**, 13, 133-144	6.4	102
473	Raman spectroscopy as a quick tool to assess purity of extracellular vesicle preparations and predict their functionality. *Journal of Extracellular Vesicles*, **2019**, 8, 1568780	16.4	46
472	Islet-Like Structures Generated In Vitro from Adult Human Liver Stem Cells Revert Hyperglycemia in Diabetic SCID Mice. *Stem Cell Reviews and Reports*, **2019**, 15, 93-111	6.4	13
471	TFEB controls vascular development by regulating the proliferation of endothelial cells. *EMBO Journal*, **2019**, 38,	13	28
470	Potential biomarkers to detect traumatic brain injury by the profiling of salivary extracellular vesicles. *Journal of Cellular Physiology*, **2019**, 234, 14377-14388	7	28
469	Porcine Isolated Liver Perfusion for the Study of Ischemia Reperfusion Injury: A Systematic Review. *Transplantation*, **2018**, 102, 1039-1049	1.8	3
468	Role of CD133 Molecule in Wnt Response and Renal Repair. *Stem Cells Translational Medicine*, **2018**, 7, 283-294	6.9	31
467	PDGF-BB Carried by Endothelial Cell-Derived Extracellular Vesicles Reduces Vascular Smooth Muscle Cell Apoptosis in Diabetes. *Diabetes*, **2018**, 67, 704-716	0.9	25
466	Extracellular Vesicles from Human Liver Stem Cells Reduce Injury in an Ex Vivo Normothermic Hypoxic Rat Liver Perfusion Model. *Transplantation*, **2018**, 102, e205-e210	1.8	44
465	Perfluorocarbon solutions limit tubular epithelial cell injury and promote CD133+ kidney progenitor differentiation: potential use in renal assist devices for sepsis-associated acute kidney injury and multiple organ failure. *Nephrology Dialysis Transplantation*, **2018**, 33, 1110-1121	4.3	8
464	Histamine H receptor antagonism prevents the progression of diabetic nephropathy in male DBA2/J mice. *Pharmacological Research*, **2018**, 128, 18-28	10.2	11
463	Salivary extracellular vesicle-associated miRNAs as potential biomarkers in oral squamous cell carcinoma. *BMC Cancer*, **2018**, 18, 439	4.8	76
462	Extracellular vesicles as potential biomarkers of acute graft-vs-host disease. *Leukemia*, **2018**, 32, 765-773	10.7	25

461	Human Liver Stem Cell-Derived Extracellular Vesicles Prevent Aristolochic Acid-Induced Kidney Fibrosis. *Frontiers in Immunology*, **2018**, 9, 1639	8.4	35
460	Noncoding RNAs Carried by Extracellular Vesicles in Endocrine Diseases. *International Journal of Endocrinology*, **2018**, 2018, 4302096	2.7	11
459	Human liver stem cell-derived extracellular vesicles enhance cancer stem cell sensitivity to tyrosine kinase inhibitors through Akt/mTOR/PTEN combined modulation. *Oncotarget*, **2018**, 9, 36151-36165	3.3	8
458	Extracellular Vesicles: New Players in Lymphomas. *International Journal of Molecular Sciences*, **2018**, 20,	6.3	17
457	IL-3R-alpha blockade inhibits tumor endothelial cell-derived extracellular vesicle (EV)-mediated vessel formation by targeting the β-catenin pathway. *Oncogene*, **2018**, 37, 1175-1191	9.2	23
456	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
455	PDGF enhances the protective effect of adipose stem cell-derived extracellular vesicles in a model of acute hindlimb ischemia. *Scientific Reports*, **2018**, 8, 17458	4.9	18
454	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
453	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
452	Soluble CD40 ligand directly alters glomerular permeability and may act as a circulating permeability factor in FSGS. *PLoS ONE*, **2017**, 12, e0188045	3.7	14
451	Extracellular vesicles from human liver stem cells restore argininosuccinate synthase deficiency. *Stem Cell Research and Therapy*, **2017**, 8, 176	8.3	24
450	Adult Stem Cells and Extracellular Vesicles in Acute and Chronic Kidney Injury **2017**, 6, 2-15		1
449	Serum-derived extracellular vesicles (EVs) impact on vascular remodeling and prevent muscle damage in acute hind limb ischemia. *Scientific Reports*, **2017**, 7, 8180	4.9	31
448	A novel community driven software for functional enrichment analysis of extracellular vesicles data. *Journal of Extracellular Vesicles*, **2017**, 6, 1321455	16.4	200
447	The Distinct Role of Extracellular Vesicles Derived from Normal and Cancer Stem Cells. *Current Stem Cell Reports*, **2017**, 3, 218-224	1.8	2
446	A New View of Stem Cell Dynamics. *Current Stem Cell Reports*, **2017**, 3, 149-155	1.8	
445	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
444	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

443	Extracellular Vesicles in Renal Pathophysiology. *Frontiers in Molecular Biosciences*, **2017**, 4, 37	5.6	46
442	Protective Role of Stem Cell Derived Extracellular Vesicles in an In Vitro Model of Hyperglycemia-Induced Endothelial Injury. *Journal of Cell Science & Therapy*, **2017**, 08,		3
441	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
440	Prospects for Adult Stem Cells in the Treatment of Liver Diseases. *Stem Cells and Development*, **2016**, 25, 1471-1482	4.4	8
439	Human CD133 Renal Progenitor Cells Induce Erythropoietin Production and Limit Fibrosis After Acute Tubular Injury. *Scientific Reports*, **2016**, 6, 37270	4.9	20
438	Evidence-Based Clinical Use of Nanoscale Extracellular Vesicles in Nanomedicine. *ACS Nano*, **2016**, 10, 3886-99	16.7	304
437	Extracellular vesicles as new players in angiogenesis. *Vascular Pharmacology*, **2016**, 86, 64-70	5.9	57
436	Equine Amniotic Microvesicles and Their Anti-Inflammatory Potential in a Tenocyte Model In Vitro. *Stem Cells and Development*, **2016**, 25, 610-21	4.4	33
435	Extracellular vesicles in ovarian cancer: applications to tumor biology, immunotherapy and biomarker discovery. *Expert Review of Proteomics*, **2016**, 13, 395-409	4.2	46
434	Role of Alix in miRNA packaging during extracellular vesicle biogenesis. *International Journal of Molecular Medicine*, **2016**, 37, 958-66	4.4	84
433	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
432	Extracellular Vesicles as Potential Biomarker for Acute Graft-Versus-Host-Disease. *Blood*, **2016**, 128, 2239-2239	2.2	1
431	Extracellular vesicle-mediated modulation of angiogenesis. *Histology and Histopathology*, **2016**, 31, 379-91	2.4	26
430	Isolation and characterization of renal cancer stem cells from patient-derived xenografts. *Oncotarget*, **2016**, 7, 15507-24	3.3	19
429	Extracellular Vesicles: Evolving Factors in Stem Cell Biology. *Stem Cells International*, **2016**, 2016, 1073140	5	129
428	Human Liver Stem Cells Suppress T-Cell Proliferation, NK Activity, and Dendritic Cell Differentiation. *Stem Cells International*, **2016**, 2016, 8468549	5	16
427	Stem Cell-Derived Extracellular Vesicles and Immune-Modulation. *Frontiers in Cell and Developmental Biology*, **2016**, 4, 83	5.7	154
426	Cross Talk between Cancer and Mesenchymal Stem Cells through Extracellular Vesicles Carrying Nucleic Acids. *Frontiers in Oncology*, **2016**, 6, 125	5.3	66

425	Mesenchymal Stromal Cells Epithelial Transition Induced by Renal Tubular Cells-Derived Extracellular Vesicles. *PLoS ONE*, **2016**, 11, e0159163	3.7	17
424	Stem Cell-Derived, microRNA-Carrying Extracellular Vesicles: A Novel Approach to Interfering with Mesangial Cell Collagen Production in a Hyperglycaemic Setting. *PLoS ONE*, **2016**, 11, e0162417	3.7	21
423	MO012MIXED ON LINE HEMODIAFILTRATION MODULATES MICRORNA223 EXPRESSION IN CIRCULATING PLASMA EXTRACELLULAR VESICLES: PROTECTIVE ROLE ON ENDOTHELIAL DYSFUNCTION AND VASCULAR CALCIFICATION IN HEMODIALYSIS PATIENTS. *Nephrology Dialysis Transplantation*, **2016**, 31, i32-i32	4.3	
422	Activated Stat5 trafficking Via Endothelial Cell-derived Extracellular Vesicles Controls IL-3 Pro-angiogenic Paracrine Action. *Scientific Reports*, **2016**, 6, 25689	4.9	50
421	Charge-based precipitation of extracellular vesicles. *International Journal of Molecular Medicine*, **2016**, 38, 1359-1366	4.4	135
420	Mesenchymal stromal cell-derived extracellular vesicles rescue radiation damage to murine marrow hematopoietic cells. *Leukemia*, **2016**, 30, 2221-2231	10.7	129
419	Histamine receptor expression in human renal tubules: a comparative pharmacological evaluation. *Inflammation Research*, **2015**, 64, 261-70	7.2	14
418	The secretome of mesenchymal stromal cells: Role of extracellular vesicles in immunomodulation. *Immunology Letters*, **2015**, 168, 154-8	4.1	95
417	Therapeutic use of human renal progenitor cells for kidney regeneration. *Nature Reviews Nephrology*, **2015**, 11, 695-706	14.9	41
416	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
415	Recellularization of rat liver scaffolds by human liver stem cells. *Tissue Engineering - Part A*, **2015**, 21, 1929-39	3.9	41
414	Role of extracellular RNA-carrying vesicles in cell differentiation and reprogramming. *Stem Cell Research and Therapy*, **2015**, 6, 153	8.3	131
413	Applying extracellular vesicles based therapeutics in clinical trials - an ISEV position paper. *Journal of Extracellular Vesicles*, **2015**, 4, 30087	16.4	722
412	Potential functional applications of extracellular vesicles: a report by the NIH Common Fund Extracellular RNA Communication Consortium. *Journal of Extracellular Vesicles*, **2015**, 4, 27575	16.4	22
411	The emergence of extracellular vesicles in urology: fertility, cancer, biomarkers and targeted pharmacotherapy. *Journal of Extracellular Vesicles*, **2015**, 4, 23815	16.4	17
410	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
409	The PAX3-FOXO1 fusion protein present in rhabdomyosarcoma interferes with normal FOXO activity and the TGF-pathway. *PLoS ONE*, **2015**, 10, e0121474	3.7	19
408	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

407	Neutrophil Gelatinase Associated Lipocalin Is an Early and Accurate Biomarker of Graft Function and Tissue Regeneration in Kidney Transplantation from Extended Criteria Donors. *PLoS ONE*, **2015** , 10, e0129279	3.7	26
406	Extracellular Vesicle-Mediated Reversal of Paclitaxel Resistance in Prostate Cancer. *Critical Reviews in Oncogenesis*, **2015**, 20, 407-17	1.3	10
405	Sunitinib but not VEGF blockade inhibits cancer stem cell endothelial differentiation. *Oncotarget*, **2015**, 6, 11295-309	3.3	27
404	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
403	Detection of cellular prion protein in exosomes derived from ovine plasma. *Journal of General Virology*, **2015**, 96, 3698-3702	4.9	16
402	Cellular phenotype and extracellular vesicles: basic and clinical considerations. *Stem Cells and Development*, **2014**, 23, 1429-36	4.4	61
401	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
400	Renal cells from spermatogonial germline stem cells protect against kidney injury. *Journal of the American Society of Nephrology: JASN*, **2014**, 25, 316-28	12.7	24
399	Concise review: different mesenchymal stromal/stem cell populations reside in the adult kidney. *Stem Cells Translational Medicine*, **2014**, 3, 1451-5	6.9	19
398	The emerging role of extracellular vesicles as biomarkers for urogenital cancers. *Nature Reviews Urology*, **2014**, 11, 688-701	5.5	201
397	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
396	Extracellular vesicles derived from mesenchymal stem cells induce features of diabetic retinopathy in vitro. *Acta Diabetologica*, **2014**, 51, 1055-64	3.9	34
395	Stem cells in 2013: Potential use of stem or progenitor cells for kidney regeneration. *Nature Reviews Nephrology*, **2014**, 10, 67-8	14.9	10
394	Interaction between systemic inflammation and renal tubular epithelial cells. *Nephrology Dialysis Transplantation*, **2014**, 29, 2004-11	4.3	65
393	miRNA Expression in Mesenchymal Stem Cells. *Current Pathobiology Reports*, **2014**, 2, 101-107	2	3
392	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
391	Oncogenic micro-RNAs and Renal Cell Carcinoma. *Frontiers in Oncology*, **2014**, 4, 49	5.3	43
390	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

389	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
388	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
387	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
386	Association of autoimmunity to autonomic nervous structures with nerve function in patients with type 1 diabetes: a 16-year prospective study. *Diabetes Care*, **2014**, 37, 1108-15	14.6	8
385	Protective effect and localization by optical imaging of human renal CD133+ progenitor cells in an acute kidney injury model. *Physiological Reports*, **2014**, 2, e12009	2.6	32
384	Effects of mesenchymal stromal cell-derived extracellular vesicles on tumor growth. *Frontiers in Immunology*, **2014**, 5, 382	8.4	44
383	Exploring mesenchymal stem cell-derived extracellular vesicles in acute kidney injury. *Methods in Molecular Biology*, **2014**, 1213, 139-45	1.4	10
382	Membrane-Derived Extracellular Vesicles from Endothelial Progenitor Cells Activate Angiogenesis **2014**, 17-25		
381	Role of Extracellular Vesicles in Tissue/Organ Regeneration. *Pancreatic Islet Biology*, **2014**, 231-244	0.4	1
380	Role of stem-cell-derived microvesicles in the paracrine action of stem cells. *Biochemical Society Transactions*, **2013**, 41, 283-7	5.1	154
379	Growth factor delivery from hydrogel particle aggregates to promote tubular regeneration after acute kidney injury. *Journal of Controlled Release*, **2013**, 167, 248-55	11.7	32
378	Endoglin (CD105) is not a specific selection marker for endothelial cells in human islets of Langerhans. Reply to Wheeler-Jones CPD, Clarkin CE, Farrar CE et al [letter]. *Diabetologia*, **2013**, 56, 225-6	10.3	1
377	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
376	Human liver stem cells improve liver injury in a model of fulminant liver failure. *Hepatology*, **2013**, 57, 311-9	11.2	72
375	Rationale of mesenchymal stem cell therapy in kidney injury. *American Journal of Kidney Diseases*, **2013**, 61, 300-9	7.4	47
374	Human renal cancer stem cells. *Cancer Letters*, **2013**, 338, 141-6	9.9	46
373	Different regulatory and cytotoxic CD4+ T lymphocyte profiles in renal transplants with antibody-mediated chronic rejection or long-term good graft function. *Transplant Immunology*, **2013**, 28, 48-56	1.7	13
372	Interleukin-15 is a major regulator of the cell-microenvironment interactions in human renal homeostasis. *Cytokine and Growth Factor Reviews*, **2013**, 24, 13-22	17.9	14

371	Extracellular vesicles as an emerging mechanism of cell-to-cell communication. *Endocrine*, **2013**, 44, 11-94		236
370	Overexpression of histamine H□receptors in the kidney of diabetic rat. *Inflammation Research*, **2013**, 62, 357-65	7.2	17
369	Role of mesenchymal stem cell-derived microvesicles in tissue repair. *Pediatric Nephrology*, **2013**, 28, 2249-54	3.2	58
368	Microvesicles derived from human bone marrow mesenchymal stem cells inhibit tumor growth. *Stem Cells and Development*, **2013**, 22, 758-71	4.4	217
367	Tumor-Derived Microvesicles and the Cancer Microenvironment. *Current Molecular Medicine*, **2013**, 13, 58-67	2.5	25
366	Renal CD133(+)/CD73(+) progenitors produce erythropoietin under hypoxia and prolyl hydroxylase inhibition. *Journal of the American Society of Nephrology: JASN*, **2013**, 24, 1234-41	12.7	17
365	Role of Lefty in the anti tumor activity of human adult liver stem cells. *Oncogene*, **2013**, 32, 819-26	9.2	30
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