Federica Collino

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47 papers	4,742 citations	26 h-index	48 g-index
48 ext. papers	5,478 ext. citations	6.2 avg, IF	5.12 L-index

#	Paper	IF	Citations
47	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
46	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
45	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
44	Microvesicles derived from mesenchymal stem cells enhance survival in a lethal model of acute kidney injury. *PLoS ONE*, **2012**, 7, e33115	3.7	446
43	Microvesicles derived from human bone marrow mesenchymal stem cells inhibit tumor growth. *Stem Cells and Development*, **2013**, 22, 758-71	4.4	217
42	A novel community driven software for functional enrichment analysis of extracellular vesicles data. *Journal of Extracellular Vesicles*, **2017**, 6, 1321455	16.4	200
41	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
40	CD133+ renal progenitor cells contribute to tumor angiogenesis. *American Journal of Pathology*, **2006**, 169, 2223-35	5.8	147
39	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
38	Mesenchymal stromal cell-derived extracellular vesicles rescue radiation damage to murine marrow hematopoietic cells. *Leukemia*, **2016**, 30, 2221-2231	10.7	129
37	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
36	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
35	Isolation and characterization of resident mesenchymal stem cells in human glomeruli. *Stem Cells and Development*, **2009**, 18, 867-80	4.4	100
34	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
33	Cardiac overexpression of melusin protects from dilated cardiomyopathy due to long-standing pressure overload. *Circulation Research*, **2005**, 96, 1087-94	15.7	91
32	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
31	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

30	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
29	Effects of mesenchymal stromal cell-derived extracellular vesicles on tumor growth. *Frontiers in Immunology*, **2014**, 5, 382	8.4	44
28	Oncogenic micro-RNAs and Renal Cell Carcinoma. *Frontiers in Oncology*, **2014**, 4, 49	5.3	43
27	MicroRNAs and mesenchymal stem cells. *Vitamins and Hormones*, **2011**, 87, 291-320	2.5	37
26	Role of CD133 Molecule in Wnt Response and Renal Repair. *Stem Cells Translational Medicine*, **2018**, 7, 283-294	6.9	31
25	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
24	Nephrin and endothelial injury. *Current Opinion in Nephrology and Hypertension*, **2009**, 18, 3-8	3.5	29
23	Extracellular vesicles as regulators of tumor fate: crosstalk among cancer stem cells, tumor cells and mesenchymal stem cells. *Stem Cell Investigation*, **2017**, 4, 75	5.1	28
22	Renal Regenerative Potential of Extracellular Vesicles Derived from miRNA-Engineered Mesenchymal Stromal Cells. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	26
21	Adipose-Derived Mesenchymal Stromal Cells Under Hypoxia: Changes in Extracellular Vesicles Secretion and Improvement of Renal Recovery after Ischemic Injury. *Cellular Physiology and Biochemistry*, **2019**, 52, 1463-1483	3.9	24
20	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
19	Adipose Mesenchymal Cells-Derived EVs Alleviate DOCA-Salt-Induced Hypertension by Promoting Cardio-Renal Protection. *Molecular Therapy - Methods and Clinical Development*, **2020**, 16, 63-77	6.4	18
18	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
17	Epithelial-mesenchymal transition of ovarian tumor cells induces an angiogenic monocyte cell population. *Experimental Cell Research*, **2009**, 315, 2982-94	4.2	17
16	Mesenchymal Stromal Cells Epithelial Transition Induced by Renal Tubular Cells-Derived Extracellular Vesicles. *PLoS ONE*, **2016**, 11, e0159163	3.7	17
15	Dissecting paracrine effectors for mesenchymal stem cells. *Advances in Biochemical Engineering/Biotechnology*, **2013**, 129, 137-52	1.7	16
14	Extracellular Vesicles Derived from Induced Pluripotent Stem Cells Promote Renoprotection in Acute Kidney Injury Model. *Cells*, **2020**, 9,	7.9	15
13	Intrinsic and Extrinsic Modulators of the Epithelial to Mesenchymal Transition: Driving the Fate of Tumor Microenvironment. *Frontiers in Oncology*, **2020**, 10, 1122	5.3	12

12	CD133+ cells as a therapeutic target for kidney diseases. *Expert Opinion on Therapeutic Targets*, **2012**, 16, 157-65	6.4	9
11	Proteomics of cell-cell interactions in health and disease. *Proteomics*, **2016**, 16, 328-44	4.8	9
10	Proteomics in the World of Induced Pluripotent Stem Cells. *Cells*, **2019**, 8,	7.9	7
9	Urinary Extracellular Vesicles: Uncovering the Basis of the Pathological Processes in Kidney-Related Diseases. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	4
8	Muscle functional recovery is driven by extracellular vesicles combined with muscle extracellular matrix in a volumetric muscle loss murine model. *Biomaterials*, **2021**, 269, 120653	15.6	4
7	miRNA Expression in Mesenchymal Stem Cells. *Current Pathobiology Reports*, **2014**, 2, 101-107	2	3
6	Serum Derived Extracellular Vesicles Mediated Delivery of Synthetic miRNAs in Human Endothelial Cells. *Frontiers in Molecular Biosciences*, **2021**, 8, 636587	5.6	3
5	Exosomes Recovered From the Plasma of COVID-19 Patients Expose SARS-CoV-2 Spike-Derived Fragments and Contribute to the Adaptive Immune Response.. *Frontiers in Immunology*, **2021**, 12, 785941	8.4	2
4	Mesenchymal Stromal Cell-Derived Extracellular Vesicles Pass through the Filtration Barrier and Protect Podocytes in a 3D Glomerular Model under Continuous Perfusion. *Tissue Engineering and Regenerative Medicine*, **2021**, 18, 549-560	4.5	2
3	Lateral dimension and amino-functionalization on the balance to assess the single-cell toxicity of graphene on fifteen immune cell types.. *NanoImpact*, **2021**, 23, 100330	5.6	1
2	Release of MicroRNA-Containing Vesicles Can Stimulate Angiogenesis and Metastasis in Renal Carcinoma **2013**, 607-622		
1	Analysis and clustering of microRNA array: a new efficient and reliable computational method. *Advances in Experimental Medicine and Biology*, **2011**, 696, 679-88	3.6	