

# Federica Collino

## List of Publications by Year in Descending Order

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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	Exosomes Recovered From the Plasma of COVID-19 Patients Expose SARS-CoV-2 Spike-Derived Fragments and Contribute to the Adaptive Immune Response.. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 785941	8.4	2
46	Serum Derived Extracellular Vesicles Mediated Delivery of Synthetic miRNAs in Human Endothelial Cells. <i>Frontiers in Molecular Biosciences</i> , <b>2021</b> , 8, 636587	5.6	3
45	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. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	20
44	Urinary Extracellular Vesicles: Uncovering the Basis of the Pathological Processes in Kidney-Related Diseases. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
43	Lateral dimension and amino-functionalization on the balance to assess the single-cell toxicity of graphene on fifteen immune cell types.. <i>NanoImpact</i> , <b>2021</b> , 23, 100330	5.6	1
42	Muscle functional recovery is driven by extracellular vesicles combined with muscle extracellular matrix in a volumetric muscle loss murine model. <i>Biomaterials</i> , <b>2021</b> , 269, 120653	15.6	4
41	Mesenchymal Stromal Cell-Derived Extracellular Vesicles Pass through the Filtration Barrier and Protect Podocytes in a 3D Glomerular Model under Continuous Perfusion. <i>Tissue Engineering and Regenerative Medicine</i> , <b>2021</b> , 18, 549-560	4.5	2
40	Extracellular Vesicles Derived from Induced Pluripotent Stem Cells Promote Renoprotection in Acute Kidney Injury Model. <i>Cells</i> , <b>2020</b> , 9,	7.9	15
39	Adipose Mesenchymal Cells-Derived EVs Alleviate DOCA-Salt-Induced Hypertension by Promoting Cardio-Renal Protection. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2020</b> , 16, 63-77	6.4	18
38	Intrinsic and Extrinsic Modulators of the Epithelial to Mesenchymal Transition: Driving the Fate of Tumor Microenvironment. <i>Frontiers in Oncology</i> , <b>2020</b> , 10, 1122	5.3	12
37	Renal Regenerative Potential of Extracellular Vesicles Derived from miRNA-Engineered Mesenchymal Stromal Cells. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	26
36	Proteomics in the World of Induced Pluripotent Stem Cells. <i>Cells</i> , <b>2019</b> , 8,	7.9	7
35	Adipose-Derived Mesenchymal Stromal Cells Under Hypoxia: Changes in Extracellular Vesicles Secretion and Improvement of Renal Recovery after Ischemic Injury. <i>Cellular Physiology and Biochemistry</i> , <b>2019</b> , 52, 1463-1483	3.9	24
34	Role of CD133 Molecule in Wnt Response and Renal Repair. <i>Stem Cells Translational Medicine</i> , <b>2018</b> , 7, 283-294	6.9	31
33	Exosome and Microvesicle-Enriched Fractions Isolated from Mesenchymal Stem Cells by Gradient Separation Showed Different Molecular Signatures and Functions on Renal Tubular Epithelial Cells. <i>Stem Cell Reviews and Reports</i> , <b>2017</b> , 13, 226-243	6.4	99
32	Renal Regenerative Potential of Different Extracellular Vesicle Populations Derived from Bone Marrow Mesenchymal Stromal Cells. <i>Tissue Engineering - Part A</i> , <b>2017</b> , 23, 1262-1273	3.9	117
31	Extracellular vesicles as regulators of tumor fate: crosstalk among cancer stem cells, tumor cells and mesenchymal stem cells. <i>Stem Cell Investigation</i> , <b>2017</b> , 4, 75	5.1	28

30	Serum-derived extracellular vesicles (EVs) impact on vascular remodeling and prevent muscle damage in acute hind limb ischemia. <i>Scientific Reports</i> , <b>2017</b> , 7, 8180	4.9	31
29	A novel community driven software for functional enrichment analysis of extracellular vesicles data. <i>Journal of Extracellular Vesicles</i> , <b>2017</b> , 6, 1321455	16.4	200
28	Mesenchymal Stromal Cells Epithelial Transition Induced by Renal Tubular Cells-Derived Extracellular Vesicles. <i>PLoS ONE</i> , <b>2016</b> , 11, e0159163	3.7	17
27	Proteomics of cell-cell interactions in health and disease. <i>Proteomics</i> , <b>2016</b> , 16, 328-44	4.8	9
26	Mesenchymal stromal cell-derived extracellular vesicles rescue radiation damage to murine marrow hematopoietic cells. <i>Leukemia</i> , <b>2016</b> , 30, 2221-2231	10.7	129
25	AKI Recovery Induced by Mesenchymal Stromal Cell-Derived Extracellular Vesicles Carrying MicroRNAs. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2015</b> , 26, 2349-60	12.7	164
24	Extracellular vesicles derived from renal cancer stem cells induce a pro-tumorigenic phenotype in mesenchymal stromal cells. <i>Oncotarget</i> , <b>2015</b> , 6, 7959-69	3.3	60
23	Extracellular vesicles released from mesenchymal stromal cells modulate miRNA in renal tubular cells and inhibit ATP depletion injury. <i>Stem Cells and Development</i> , <b>2014</b> , 23, 1809-19	4.4	90
22	miRNA Expression in Mesenchymal Stem Cells. <i>Current Pathobiology Reports</i> , <b>2014</b> , 2, 101-107	2	3
21	Oncogenic micro-RNAs and Renal Cell Carcinoma. <i>Frontiers in Oncology</i> , <b>2014</b> , 4, 49	5.3	43
20	Effects of mesenchymal stromal cell-derived extracellular vesicles on tumor growth. <i>Frontiers in Immunology</i> , <b>2014</b> , 5, 382	8.4	44
19	Microvesicles derived from human bone marrow mesenchymal stem cells inhibit tumor growth. <i>Stem Cells and Development</i> , <b>2013</b> , 22, 758-71	4.4	217
18	Renal CD133(+)/CD73(+) progenitors produce erythropoietin under hypoxia and prolyl hydroxylase inhibition. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2013</b> , 24, 1234-41	12.7	17
17	Release of MicroRNA-Containing Vesicles Can Stimulate Angiogenesis and Metastasis in Renal Carcinoma <b>2013</b> , 607-622		
16	Dissecting paracrine effectors for mesenchymal stem cells. <i>Advances in Biochemical Engineering/Biotechnology</i> , <b>2013</b> , 129, 137-52	1.7	16
15	CD133+ cells as a therapeutic target for kidney diseases. <i>Expert Opinion on Therapeutic Targets</i> , <b>2012</b> , 16, 157-65	6.4	9
14	Human liver stem cell-derived microvesicles inhibit hepatoma growth in SCID mice by delivering antitumor microRNAs. <i>Stem Cells</i> , <b>2012</b> , 30, 1985-98	5.8	141
13	Microvesicles derived from mesenchymal stem cells enhance survival in a lethal model of acute kidney injury. <i>PLoS ONE</i> , <b>2012</b> , 7, e33115	3.7	446

12	Hypoxia modulates the undifferentiated phenotype of human renal inner medullary CD133+ progenitors through Oct4/miR-145 balance. <i>American Journal of Physiology - Renal Physiology</i> , <b>2012</b> , 302, F116-28	4.3	61
11	MicroRNAs and mesenchymal stem cells. <i>Vitamins and Hormones</i> , <b>2011</b> , 87, 291-320	2.5	37
10	Microvesicles released from human renal cancer stem cells stimulate angiogenesis and formation of lung premetastatic niche. <i>Cancer Research</i> , <b>2011</b> , 71, 5346-56	10.1	668
9	Analysis and clustering of microRNA array: a new efficient and reliable computational method. <i>Advances in Experimental Medicine and Biology</i> , <b>2011</b> , 696, 679-88	3.6	
8	Microvesicles derived from adult human bone marrow and tissue specific mesenchymal stem cells shuttle selected pattern of miRNAs. <i>PLoS ONE</i> , <b>2010</b> , 5, e11803	3.7	489
7	Mesenchymal stem cell-derived microvesicles protect against acute tubular injury. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2009</b> , 20, 1053-67	12.7	949
6	Epithelial-mesenchymal transition of ovarian tumor cells induces an angiogenic monocyte cell population. <i>Experimental Cell Research</i> , <b>2009</b> , 315, 2982-94	4.2	17
5	Isolation and characterization of resident mesenchymal stem cells in human glomeruli. <i>Stem Cells and Development</i> , <b>2009</b> , 18, 867-80	4.4	100
4	Nephrin and endothelial injury. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2009</b> , 18, 3-8	3.5	29
3	Preeclamptic sera induce nephrin shedding from podocytes through endothelin-1 release by endothelial glomerular cells. <i>American Journal of Physiology - Renal Physiology</i> , <b>2008</b> , 294, F1185-94	4.3	105
2	CD133+ renal progenitor cells contribute to tumor angiogenesis. <i>American Journal of Pathology</i> , <b>2006</b> , 169, 2223-35	5.8	147
1	Cardiac overexpression of melusin protects from dilated cardiomyopathy due to long-standing pressure overload. <i>Circulation Research</i> , <b>2005</b> , 96, 1087-94	15.7	91