

# Luca Musante

## 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.

70 papers	6,941 citations	27 h-index	70 g-index
70 ext. papers	9,077 ext. citations	5.9 avg, IF	4.56 L-index

#	Paper	IF	Citations
70	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. <i>Journal of Extracellular Vesicles</i> , <b>2018</b> , 7, 1535750	16.4	3642
69	Blue silver: a very sensitive colloidal Coomassie G-250 staining for proteome analysis. <i>Electrophoresis</i> , <b>2004</b> , 25, 1327-33	3.6	1491
68	Repetitive fragmentation products of albumin and alpha1-antitrypsin in glomerular diseases associated with nephrotic syndrome. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2006</b> , 17, 3139-48	12.7	128
67	Prevalence, genetics, and clinical features of patients carrying podocin mutations in steroid-resistant nonfamilial focal segmental glomerulosclerosis. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2001</b> , 12, 2742-2746	12.7	125
66	Preparative purification of recombinant proteins: current status and future trends. <i>BioMed Research International</i> , <b>2013</b> , 2013, 312709	3	105
65	A simplified method to recover urinary vesicles for clinical applications, and sample banking. <i>Scientific Reports</i> , <b>2014</b> , 4, 7532	4.9	81
64	Active focal segmental glomerulosclerosis is associated with massive oxidation of plasma albumin. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2007</b> , 18, 799-810	12.7	71
63	Serum glomerular permeability activity in patients with podocin mutations (NPHS2) and steroid-resistant nephrotic syndrome. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2002</b> , 13, 1946-52	12.7	64
62	Characterization of oxidation end product of plasma albumin in vivo. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 349, 668-73	3.4	62
61	Biochemical and physical characterisation of urinary nanovesicles following CHAPS treatment. <i>PLoS ONE</i> , <b>2012</b> , 7, e37279	3.7	58
60	Use and isolation of urinary exosomes as biomarkers for diabetic nephropathy. <i>Frontiers in Endocrinology</i> , <b>2014</b> , 5, 149	5.7	56
59	Proteomic analysis of the retinal rod outer segment disks. <i>Journal of Proteome Research</i> , <b>2008</b> , 7, 2654-69	9.6	50
58	Two-dimensional maps in soft immobilized pH gradient gels: a new approach to the proteome of the Third Millennium. <i>Electrophoresis</i> , <b>2002</b> , 23, 292-7	3.6	50
57	Soft immobilized pH gradient gels in proteome analysis: a follow-up. <i>Proteomics</i> , <b>2003</b> , 3, 821-5	4.8	50
56	N-linked (N-) glycoproteomics of urinary exosomes. [Corrected]. <i>Molecular and Cellular Proteomics</i> , <b>2015</b> , 14, 263-76	7.6	48
55	Depletion of clusterin in renal diseases causing nephrotic syndrome. <i>Kidney International</i> , <b>2002</b> , 62, 2184-94	9.9	47
54	Apolipoproteins prevent glomerular albumin permeability induced in vitro by serum from patients with focal segmental glomerulosclerosis. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2001</b> , 12, 143-150	12.7	47

53	Proteomic analysis of erythrocyte membranes by soft Immobiline gels combined with differential protein extraction. <i>Journal of Proteome Research</i> , <b>2005</b> , 4, 1304-9	5.6	46
52	Proteomic analysis of the airway surface liquid: modulation by proinflammatory cytokines. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2007</b> , 292, L185-98	5.8	45
51	Summary of the ISEV workshop on extracellular vesicles as disease biomarkers, held in Birmingham, UK, during December 2017. <i>Journal of Extracellular Vesicles</i> , <b>2018</b> , 7, 1473707	16.4	42
50	Proteases and protease inhibitors of urinary extracellular vesicles in diabetic nephropathy. <i>Journal of Diabetes Research</i> , <b>2015</b> , 2015, 289734	3.9	39
49	Urinary extracellular vesicles: A position paper by the Urine Task Force of the International Society for Extracellular Vesicles. <i>Journal of Extracellular Vesicles</i> , <b>2021</b> , 10, e12093	16.4	38
48	Characterization of plasma factors that alter the permeability to albumin within isolated glomeruli. <i>Proteomics</i> , <b>2002</b> , 2, 197-205	4.8	35
47	Recovery of urinary nanovesicles from ultracentrifugation supernatants. <i>Nephrology Dialysis Transplantation</i> , <b>2013</b> , 28, 1425-33	4.3	33
46	Resolution of fibronectin and other uncharacterized proteins by two-dimensional polyacrylamide electrophoresis with thiourea. <i>Biomedical Applications</i> , <b>1998</b> , 705, 351-6		32
45	Circulating anti-actin and anti-ATP synthase antibodies identify a sub-set of patients with idiopathic nephrotic syndrome. <i>Clinical and Experimental Immunology</i> , <b>2005</b> , 141, 491-9	6.2	31
44	Protein and Molecular Characterization of a Clinically Compliant Amniotic Fluid Stem Cell-Derived Extracellular Vesicle Fraction Capable of Accelerating Muscle Regeneration Through Enhancement of Angiogenesis. <i>Stem Cells and Development</i> , <b>2017</b> , 26, 1316-1333	4.4	28
43	Ezrin is down-regulated in diabetic kidney glomeruli and regulates actin reorganization and glucose uptake via GLUT1 in cultured podocytes. <i>American Journal of Pathology</i> , <b>2014</b> , 184, 1727-39	5.8	27
42	Urinary extracellular vesicles for RNA extraction: optimization of a protocol devoid of prokaryote contamination. <i>Journal of Extracellular Vesicles</i> , <b>2016</b> , 5, 30281	16.4	27
41	Rigorous characterization of urinary extracellular vesicles (uEVs) in the low centrifugation pellet - a neglected source for uEVs. <i>Scientific Reports</i> , <b>2020</b> , 10, 3701	4.9	23
40	Intraluminal proteome and peptidome of human urinary extracellular vesicles. <i>Proteomics - Clinical Applications</i> , <b>2015</b> , 9, 568-73	3.1	22
39	Glycosylation patterns of kidney proteins differ in rat diabetic nephropathy. <i>Kidney International</i> , <b>2015</b> , 87, 963-74	9.9	21
38	Residual urinary extracellular vesicles in ultracentrifugation supernatants after hydrostatic filtration dialysis enrichment. <i>Journal of Extracellular Vesicles</i> , <b>2017</b> , 6, 1267896	16.4	20
37	Glomerular clusterin is associated with PKC-alpha/beta regulation and good outcome of membranous glomerulonephritis in humans. <i>Kidney International</i> , <b>2006</b> , 70, 477-85	9.9	20
36	Apolipoprotein E in idiopathic nephrotic syndrome and focal segmental glomerulosclerosis. <i>Kidney International</i> , <b>2003</b> , 63, 686-95	9.9	18

35	Determination of the oxido-redox status of plasma albumin in hemodialysis patients. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2008</b> , 864, 29-37	3.2	16
34	Soluble CD40 ligand directly alters glomerular permeability and may act as a circulating permeability factor in FSGS. <i>PLoS ONE</i> , <b>2017</b> , 12, e0188045	3.7	14
33	Management of Tamm-Horsfall Protein for Reliable Urinary Analytics. <i>Proteomics - Clinical Applications</i> , <b>2019</b> , 13, e1900018	3.1	14
32	The effect of proteinase inhibitors on glomerular albumin permeability induced in vitro by serum from patients with idiopathic focal segmental glomerulosclerosis. <i>Nephrology Dialysis Transplantation</i> , <b>2004</b> , 19, 1969-75	4.3	13
31	Glomerular albumin permeability as an in vitro model for characterizing the mechanism of focal glomerulosclerosis and predicting post-transplant recurrence. <i>Pediatric Transplantation</i> , <b>2004</b> , 8, 339-43	1.8	13
30	Low cardiorespiratory fitness is associated with higher extracellular vesicle counts in obese adults. <i>Physiological Reports</i> , <b>2018</b> , 6, e13701	2.6	12
29	Nephrotic urine prevents increased rat glomerular albumin permeability induced by serum from the same patient with idiopathic nephrotic syndrome. <i>Nephrology Dialysis Transplantation</i> , <b>2003</b> , 18, 689-93	4.3	11
28	Separation of human serum proteins using the Beckman-Coulter PF2D system: analysis of ion exchange-based first dimension chromatography. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2005</b> , 43, 1327-33	5.9	11
27	Purification and Identification of Membrane Proteins from Urinary Extracellular Vesicles using Triton X-114 Phase Partitioning. <i>Journal of Proteome Research</i> , <b>2018</b> , 17, 86-96	5.6	10
26	Transitions of serum albumin in patients with glomerulosclerosis in vivo characterization by electrophoretic titration curves. <i>Electrophoresis</i> , <b>2006</b> , 27, 2960-9	3.6	10
25	A DNA element in the alpha1 type III collagen promoter mediates a stimulatory response by angiotensin II. <i>Kidney International</i> , <b>2000</b> , 58, 537-48	9.9	10
24	Proteomics of plasma and urine in primary nephrotic syndrome in children. <i>Contributions To Nephrology</i> , <b>2008</b> , 160, 17-28	1.6	9
23	High-resolution 2-DE for resolving proteins, protein adducts and complexes in plasma. <i>Electrophoresis</i> , <b>2008</b> , 29, 682-94	3.6	9
22	Inhibition of renal permeability towards albumin: a new function of apolipoproteins with possible pathogenetic relevance in focal glomerulosclerosis. <i>Electrophoresis</i> , <b>2001</b> , 22, 1819-25	3.6	9
21	A miRNA signature in endothelial cell-derived extracellular vesicles in tumor-bearing mice. <i>Scientific Reports</i> , <b>2019</b> , 9, 16743	4.9	8
20	Characterization of a DNA binding site that mediates the stimulatory effect of cyclosporin-A on type III collagen expression in renal cells. <i>Nephrology Dialysis Transplantation</i> , <b>2000</b> , 15, 778-85	4.3	7
19	T cell-derived extracellular vesicles are elevated in essential HTN. <i>American Journal of Physiology - Renal Physiology</i> , <b>2020</b> , 319, F868-F875	4.3	7
18	Analytical titration curves of glycosyl hydrolase Cel45 by combined isoelectric focusing-electrophoresis. <i>Electrophoresis</i> , <b>1999</b> , 20, 1403-11	3.6	6

17	Measurements of (Na <sup>+</sup> ,K <sup>+</sup> )ATPase after in vitro hypoxia and reoxygenation are affected by methods of membrane preparation. <i>Journal of Neuroscience Methods</i> , <b>1998</b> , 79, 201-6	3	5
16	Comparative study of thermal stability of healthy and focal segmental glomerulosclerosis plasma albumin. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2007</b> , 87, 27-31	4.1	5
15	An Oral Glucose Load Decreases Postprandial Extracellular Vesicles in Obese Adults with and without Prediabetes. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	4
14	Expression of adenylate kinase 1 in bovine retinal cytosol. <i>Current Eye Research</i> , <b>2007</b> , 32, 249-57	2.9	3
13	crv4, a mouse model for human ataxia associated with kyphoscoliosis caused by an mRNA splicing mutation of the metabotropic glutamate receptor 1 (Grm1). <i>International Journal of Molecular Medicine</i> , <b>2006</b> , 18, 593	4.4	3
12	Protracted remission of proteinuria after combined therapy with plasmapheresis and anti-CD20 antibodies/cyclophosphamide in a child with oligoclonal IgM and glomerulosclerosis. <i>Pediatric Nephrology</i> , <b>2007</b> , 22, 1953-6	3.2	2
11	Identification of HSP-60 as the specific antigen of IgM produced by BRG-lymphoma cells. <i>Electrophoresis</i> , <b>1999</b> , 20, 1092-7	3.6	2
10	Acute exercise decreases insulin-stimulated extracellular vesicles in conjunction with augmentation index in adults with obesity.. <i>Journal of Physiology</i> , <b>2022</b> ,	3.9	2
9	Activation of COL3A1 promoter activity by cyclosporine. <i>Transplantation Proceedings</i> , <b>1998</b> , 30, 955-6	1.1	1
8	Post-transplant proteinuria associated with everolimus: Definition of main features with proteomics. <i>Proteomics - Clinical Applications</i> , <b>2008</b> , 2, 1327-37	3.1	1
7	ANTI-ATP SYNTHASE $\epsilon$ CHAIN AUTOANTIBODIES <b>2007</b> , 547-552		1
6	Direct effect of plasma permeability factors from patients with idiopathic FSGS on nephrin and podocin expression in human podocytes. <i>International Journal of Molecular Medicine</i> , <b>2005</b> , 16, 49	4.4	1
5	Ca(2 <sup>+</sup> )-ATPase pump forms and an endogenous inhibitor in bovine brain synaptosomes. <i>Neurochemical Research</i> , <b>1997</b> , 22, 297-304	4.6	
4	Application of 2D-HPLC system for plasma protein separation. <i>Journal of Medical Biochemistry</i> , <b>2006</b> , 25, 211-220		
3	Non-muscle myosin heavy chain IIA and IIB interact and co-localize in living cells: Relevance for MYH9-related disease. <i>International Journal of Molecular Medicine</i> , <b>2006</b> , 17, 729	4.4	
2	Identification of HSP-60 as the specific antigen of IgM produced by BRG-lymphoma cells512-517		
1	Extracellular vesicles from Wistar Kyoto and spontaneously hypertensive rats have differential vasodilatory responses in resistance arteries. <i>FASEB Journal</i> , <b>2019</b> , 33, 829.3	0.9	