

# Andrea Petretto

## List of Publications by Year in descending order

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93  
papers

3,592  
citations

147801

31  
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155660

55  
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93  
docs citations

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times ranked

5957  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasound-responsive nutlin-loaded nanoparticles for combined chemotherapy and piezoelectric treatment of glioblastoma cells. <i>Acta Biomaterialia</i> , 2022, 139, 218-236.	8.3	37
2	A Comprehensive Proteomics Analysis of Urinary Extracellular Vesicles Identifies a Specific Kinase Protein Profile as a Novel Hallmark of Medullary Sponge Kidney Disease. <i>Kidney International Reports</i> , 2022, 7, 1420-1423.	0.8	3
3	In uveal melanoma G1±-protein GNA11 mutations convey a shorter disease-specific survival and are more strongly associated with loss of BAP1 and chromosomal alterations than G1±-protein GNAQ mutations. <i>European Journal of Cancer</i> , 2022, 170, 27-41.	2.8	15
4	Serum IgG2 antibody multi-composition in systemic lupus erythematosus and in lupus nephritis (Part 1): cross-sectional analysis. <i>Rheumatology</i> , 2021, 60, 3176-3188.	1.9	9
5	Potential biomarkers of childhood brain tumor identified by proteomics of cerebrospinal fluid from extraventricular drainage (EVD). <i>Scientific Reports</i> , 2021, 11, 1818.	3.3	15
6	Neutrophil Extracellular Traps in the Autoimmunity Context. <i>Frontiers in Medicine</i> , 2021, 8, 614829.	2.6	25
7	Sphingomyelin and Medullary Sponge Kidney Disease: A Biological Link Identified by Omics Approach. <i>Frontiers in Medicine</i> , 2021, 8, 671798.	2.6	1
8	Two Novel PET Radiopharmaceuticals for Endothelial Vascular Cell Adhesion Molecule-1 (VCAM-1) Targeting. <i>Pharmaceutics</i> , 2021, 13, 1025.	4.5	18
9	Development of an Accurate Mass Retention Time Database for Untargeted Metabolomic Analysis and Its Application to Plasma and Urine Pediatric Samples. <i>Molecules</i> , 2021, 26, 4256.	3.8	6
10	Liposomes loaded with polyphenol-rich grape pomace extracts protect from neurodegeneration in a rotenone-based <i>in vitro</i> model of Parkinson's disease. <i>Biomaterials Science</i> , 2021, 9, 8171-8188.	5.4	18
11	Serum IgG2 antibody multicomposition in systemic lupus erythematosus and lupus nephritis (Part 1): cross-sectional analysis. <i>Rheumatology</i> , 2021, 60, 3176-3188.	1.9	9
12	Neutrophil Extracellular Traps Profiles in Patients with Incident Systemic Lupus Erythematosus and Lupus Nephritis. <i>Journal of Rheumatology</i> , 2020, 47, 377-386.	2.0	77
13	Rescuing Over-activated Microglia Restores Cognitive Performance in Juvenile Animals of the Dp(16) Mouse Model of Down Syndrome. <i>Neuron</i> , 2020, 108, 887-904.e12.	8.1	82
14	Differential expression of the five redox complexes in the retinal mitochondria or rod outer segment disks is consistent with their different functionality. <i>FASEB BioAdvances</i> , 2020, 2, 315-324.	2.4	17
15	Proteomic Profiling of Retinoblastoma-Derived Exosomes Reveals Potential Biomarkers of Vitreous Seeding. <i>Cancers</i> , 2020, 12, 1555.	3.7	33
16	Association between maternal omega-3 polyunsaturated fatty acids supplementation and preterm delivery: A proteomic study. <i>FASEB Journal</i> , 2020, 34, 6322-6334.	0.5	5
17	Cytokine-Induced Guanylate Binding Protein 1 (GBP1) Release from Human Ovarian Cancer Cells. <i>Cancers</i> , 2020, 12, 488.	3.7	14
18	Cell Membrane-Coated Magnetic Nanocubes with a Homotypic Targeting Ability Increase Intracellular Temperature due to ROS Scavenging and Act as a Versatile Theranostic System for Glioblastoma Multiforme. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900612.	7.6	36

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19	Neutrophil extracellular traps (NET) induced by different stimuli: A comparative proteomic analysis. PLoS ONE, 2019, 14, e0218946.	2.5	137
20	Microbiota-gut brain axis involvement in neuropsychiatric disorders. Expert Review of Neurotherapeutics, 2019, 19, 1037-1050.	2.8	116
21	Proteomic Analysis of Urinary Extracellular Vesicles Reveals a Role for the Complement System in Medullary Sponge Kidney Disease. International Journal of Molecular Sciences, 2019, 20, 5517.	4.1	15
22	Novel Immunoregulatory Functions of IL-18, an Accomplice of TGF- $\beta$ 1. Cancers, 2019, 11, 75.	3.7	16
23	A Proteomic Analysis of GSD-1a in Mouse Livers: Evidence for Metabolic Reprogramming, Inflammation, and Macrophage Polarization. Journal of Proteome Research, 2019, 18, 2965-2978.	3.7	8
24	Neutrophil Extracellular Traps protein composition is specific for patients with Lupus nephritis and includes methyl-oxidized $\alpha$ -enolase (methionine sulfoxide 93). Scientific Reports, 2019, 9, 7934.	3.3	58
25	Leucine-rich repeat kinase 2 phosphorylation on synapsin I regulates glutamate release at pre-synaptic sites. Journal of Neurochemistry, 2019, 150, 264-281.	3.9	25
26	Proteomic Analysis of Urinary Microvesicles and Exosomes in Medullary Sponge Kidney Disease and Autosomal Dominant Polycystic Kidney Disease. Clinical Journal of the American Society of Nephrology: CJASN, 2019, 14, 834-843.	4.5	38
27	A new microdispersed albumin derivative potentially useful for radio-guided surgery of occult breast cancer lesions. Scientific Reports, 2019, 9, 5623.	3.3	2
28	Universal Ready-to-Use Immunotherapeutic Approach for the Treatment of Cancer: Expanded and Activated Polyclonal $\alpha$ Memory T Cells. Frontiers in Immunology, 2019, 10, 2717.	4.8	31
29	Multifunctional temozolomide-loaded lipid superparamagnetic nanovectors: dual targeting and disintegration of glioblastoma spheroids by synergic chemotherapy and hyperthermia treatment. Nanoscale, 2019, 11, 21227-21248.	5.6	56
30	Choice of costimulatory domains and of cytokines determines CAR T-cell activity in neuroblastoma. OncoImmunology, 2018, 7, e1433518.	4.6	120
31	Proteome of Bovine Mitochondria and Rod Outer Segment Disks: Commonalities and Differences. Journal of Proteome Research, 2018, 17, 918-925.	3.7	14
32	Metabolic Signature of Microvesicles from Umbilical Cord Mesenchymal Stem Cells of Preterm and Term Infants. Proteomics - Clinical Applications, 2018, 12, e1700082.	1.6	26
33	Microvesicles as promising biological tools for diagnosis and therapy. Expert Review of Proteomics, 2018, 15, 801-808.	3.0	28
34	Annexin A1 and Autoimmunity: From Basic Science to Clinical Applications. International Journal of Molecular Sciences, 2018, 19, 1348.	4.1	58
35	A hnRNP $\kappa$ -AR-Related Signature Reflects Progression toward Castration-Resistant Prostate Cancer. International Journal of Molecular Sciences, 2018, 19, 1920.	4.1	19
36	NK-cell Editing Mediates Epithelial-to-Mesenchymal Transition via Phenotypic and Proteomic Changes in Melanoma Cell Lines. Cancer Research, 2018, 78, 3913-3925.	0.9	53

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37	Nidogen-1 is a novel extracellular ligand for the NKp44 activating receptor. <i>Oncolmmunology</i> , 2018, 7, e1470730.	4.6	54
38	Proteomic-based research strategy identified laminin subunit alpha 2 as a potential urinary-specific biomarker for the medullary sponge kidney disease. <i>Kidney International</i> , 2017, 91, 459-468.	5.2	22
39	Proteomic Analysis of Neuroblastomaâ€Derived Exosomes: New Insights into a Metastatic Signature. <i>Proteomics</i> , 2017, 17, 1600430.	2.2	32
40	Post-translational modified proteins are biomarkers of autoimmune-processes: NETosis and the inflammatoryâ€autoimmunity connection. <i>Clinica Chimica Acta</i> , 2017, 464, 12-16.	1.1	16
41	Adaptive phenotype drives resistance to androgen deprivation therapy in prostate cancer. <i>Cell Communication and Signaling</i> , 2017, 15, 51.	6.5	29
42	Urine Proteome Biomarkers in Kidney Diseases. I. Limits, Perspectives, and First Focus on Normal Urine. <i>Biomarker Insights</i> , 2016, 11, BMI.S26229.	2.5	22
43	Advancements in Omics Sciences. , 2016, , 67-108.		3
44	Divergent targets of glycolysis and oxidative phosphorylation result in additive effects of metformin and starvation in colon and breast cancer. <i>Scientific Reports</i> , 2016, 6, 19569.	3.3	43
45	Urine proteome analysis in Dent's disease shows high selective changes potentially involved in chronic renal damage. <i>Journal of Proteomics</i> , 2016, 130, 26-32.	2.4	9
46	Human urinary exosome proteome unveils its aerobic respiratory ability. <i>Journal of Proteomics</i> , 2016, 136, 25-34.	2.4	27
47	Proteomic analysis uncovers common effects of IFN- $\gamma$ and IL-27 on the HLA class I antigen presentation machinery in human cancer cells. <i>Oncotarget</i> , 2016, 7, 72518-72536.	1.8	20
48	Stable incorporation of $\beta$ -smooth muscle actin into stress fibers is dependent on specific tropomyosin isoforms. <i>Cytoskeleton</i> , 2015, 72, 257-267.	2.0	29
49	Expression of nuclear matrix proteins binding matrix attachment regions in prostate cancer. $\gamma$ -PARP: New player in tumor progression. <i>International Journal of Cancer</i> , 2015, 137, 1574-1586.	5.1	15
50	Fasting induces anti-Warburg effect that increases respiration but reduces ATP-synthesis to promote apoptosis in colon cancer models. <i>Oncotarget</i> , 2015, 6, 11806-11819.	1.8	127
51	IL-27 induces the expression of IDO and PD-L1 in human cancer cells. <i>Oncotarget</i> , 2015, 6, 43267-43280.	1.8	115
52	Tumor vascular targeted liposomal-bortezomib minimizes side effects and increases therapeutic activity in human neuroblastoma. <i>Journal of Controlled Release</i> , 2015, 211, 44-52.	9.9	49
53	The human urinary exosome as a potential metabolic effector cargo. <i>Expert Review of Proteomics</i> , 2015, 12, 425-432.	3.0	41
54	Widening and Diversifying the Proteome Capture by Combinatorial Peptide Ligand Libraries via Alcian Blue Dye Binding. <i>Analytical Chemistry</i> , 2015, 87, 4814-4820.	6.5	15

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55	From hundreds to thousands: Widening the normal human Urinome (1). <i>Journal of Proteomics</i> , 2015, 112, 53-62.	2.4	43
56	IL-27 in Human Secondary Lymphoid Organs Attracts Myeloid Dendritic Cells and Impairs HLA Class II-Restricted Antigen Presentation. <i>Journal of Immunology</i> , 2014, 192, 2634-2642.	0.8	20
57	From hundreds to thousands: Widening the normal human Urinome. <i>Data in Brief</i> , 2014, 1, 25-28.	1.0	44
58	Myelin proteomics: the past, the unexpected and the future. <i>Expert Review of Proteomics</i> , 2014, 11, 345-354.	3.0	10
59	A novel human anti-syndecan-1 antibody inhibits vascular maturation and tumour growth in melanoma. <i>European Journal of Cancer</i> , 2013, 49, 2022-2033.	2.8	44
60	Novel phage display-derived neuroblastoma-targeting peptides potentiate the effect of drug nanocarriers in preclinical settings. <i>Journal of Controlled Release</i> , 2013, 170, 233-241.	9.9	41
61	Urinary proteome in a snapshot: normal urine and glomerulonephritis. <i>Journal of Nephrology</i> , 2013, 26, 610-616.	2.0	18
62	Combinatorial ligand libraries as a two-dimensional method for proteome analysis. <i>Journal of Chromatography A</i> , 2013, 1297, 106-112.	3.7	18
63	Changes in vimentin, lamin A/C and mitofilin induce aberrant cell organization in fibroblasts from Fanconi anemia complementation group A (FA-A) patients. <i>Biochimie</i> , 2013, 95, 1838-1847.	2.6	17
64	Functional expression of oxidative phosphorylation proteins in the rod outer segment disc. <i>Cell Biochemistry and Function</i> , 2013, 31, 532-538.	2.9	15
65	Proteome Profiling of Neuroblastoma-Derived Exosomes Reveal the Expression of Proteins Potentially Involved in Tumor Progression. <i>PLoS ONE</i> , 2013, 8, e75054.	2.5	122
66	Melanoma Cells Inhibit Natural Killer Cell Function by Modulating the Expression of Activating Receptors and Cytolytic Activity. <i>Cancer Research</i> , 2012, 72, 1407-1415.	0.9	267
67	“Cheek-to-cheek” urinary proteome profiling via combinatorial peptide ligand libraries: A novel, unexpected elution system. <i>Journal of Proteomics</i> , 2012, 75, 796-805.	2.4	27
68	Combinatorial peptide ligand libraries for the analysis of low-expression proteins: Validation for normal urine and definition of a first protein MAP. <i>Proteomics</i> , 2012, 12, 509-515.	2.2	22
69	Protein-protein interaction heterogeneity of plasma apolipoprotein A1 in nephrotic syndrome. <i>Molecular BioSystems</i> , 2011, 7, 659-666.	2.9	8
70	Direct characterization of target podocyte antigens and auto-antibodies in human membranous glomerulonephritis: Alfa-enolase and borderline antigens. <i>Journal of Proteomics</i> , 2011, 74, 2008-2017.	2.4	101
71	Nuclear proteome analysis reveals a role of Vav1 in modulating RNA processing during maturation of tumoral promyelocytes. <i>Journal of Proteomics</i> , 2011, 75, 398-409.	2.4	11
72	Soluble HLA-G dampens CD94/NKG2A expression and function and differentially modulates chemotaxis and cytokine and chemokine secretion in CD56bright and CD56dim NK cells. <i>Blood</i> , 2011, 118, 5840-5850.	1.4	65

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73	Analysis of the oxido-redox status of plasma proteins. Technology advances for clinical applications. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 1338-1344.	2.3	8
74	In vivo characterization of renal autoantigens involved in human autoimmune diseases: The case of membranous glomerulonephritis. <i>Proteomics - Clinical Applications</i> , 2011, 5, 90-97.	1.6	18
75	Proteome profile of peritoneal effluents in children on glucose- or icodextrin-based peritoneal dialysis. <i>Nephrology Dialysis Transplantation</i> , 2011, 26, 308-316.	0.7	9
76	2D-electrophoresis and the urine proteome map: Where do we stand?. <i>Journal of Proteomics</i> , 2010, 73, 829-844.	2.4	57
77	Endocellular polyamine availability modulates epithelial-to-mesenchymal transition and unfolded protein response in MDCK cells. <i>Laboratory Investigation</i> , 2010, 90, 929-939.	3.7	14
78	Autoimmunity in Membranous Nephropathy Targets Aldose Reductase and SOD2. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 507-519.	6.1	190
79	GPR56 as a novel marker identifying the CD56dull CD16+ NK cell subset both in blood stream and in inflamed peripheral tissues. <i>International Immunology</i> , 2010, 22, 91-100.	4.0	33
80	New iodoacetamido cyanines for labeling cysteine thiol residues. A strategy for evaluating plasma proteins and their oxido-redox status. <i>Proteomics</i> , 2009, 9, 460-469.	2.2	27
81	The oxido-redox potential of albumin. <i>Journal of Proteomics</i> , 2009, 73, 188-195.	2.4	41
82	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> , 2008, 864, 29-37.	2.3	18
83	Proteins and protein fragments in nephrotic syndrome: Clusters, specificity and mechanisms. <i>Proteomics - Clinical Applications</i> , 2008, 2, 956-963.	1.6	14
84	High-resolution 2DE for resolving proteins, protein adducts and complexes in plasma. <i>Electrophoresis</i> , 2008, 29, 682-694.	2.4	10
85	Vav1 Modulates Protein Expression During ATRA-Induced Maturation of APL-Derived Promyelocytes: A Proteomic-Based Analysis. <i>Journal of Proteome Research</i> , 2008, 7, 3729-3736.	3.7	22
86	Proteomics of Plasma and Urine in Primary Nephrotic Syndrome in Children. , 2008, 160, 17-28.		12
87	Fractionation Techniques Improve the Proteomic Analysis of Human Serum. <i>Current Pharmaceutical Analysis</i> , 2008, 4, 69-77.	0.6	7
88	Active Focal Segmental Glomerulosclerosis Is Associated with Massive Oxidation of Plasma Albumin. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 799-810.	6.1	83
89	Characterization of oxidation end product of plasma albumin "in vivo". <i>Biochemical and Biophysical Research Communications</i> , 2006, 349, 668-673.	2.1	71
90	Metallothionein-l expression in young and adult bovine pineal gland. <i>Journal of Chemical Neuroanatomy</i> , 2006, 31, 124-129.	2.1	6

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91	Repetitive Fragmentation Products of Albumin and $\alpha_1$ -Antitrypsin in Glomerular Diseases Associated with Nephrotic Syndrome. Journal of the American Society of Nephrology: JASN, 2006, 17, 3139-3148.	6.1	139
92	Application of 2D-HPLC system for plasma protein separation. Journal of Medical Biochemistry, 2006, 25, 211-220.	0.1	0
93	Separation of human serum proteins using the Beckman-Coulter PF2D $\alpha$ , $\phi$ system: analysis of ion exchange-based first dimension chromatography. Clinical Chemistry and Laboratory Medicine, 2005, 43, 1327-33.	2.3	13