

Marco Prunotto

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

3,742
citations

304743

22
h-index

138484

58
g-index

66
all docs

66
docs citations

66
times ranked

6860
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Developments in Myofibroblast Biology. American Journal of Pathology, 2012, 180, 1340-1355.	3.8	1,043
2	Opportunities and challenges in phenotypic drug discovery: an industry perspective. Nature Reviews Drug Discovery, 2017, 16, 531-543.	46.4	607
3	Autoimmunity in Membranous Nephropathy Targets Aldose Reductase and SOD2. Journal of the American Society of Nephrology: JASN, 2010, 21, 507-519.	6.1	190
4	Therapies for rare diseases: therapeutic modalities, progress and challenges ahead. Nature Reviews Drug Discovery, 2020, 19, 93-111.	46.4	190
5	Deep learning algorithm predicts diabetic retinopathy progression in individual patients. Npj Digital Medicine, 2019, 2, 92.	10.9	178
6	Proteomic analysis of podocyte exosome-enriched fraction from normal human urine. Journal of Proteomics, 2013, 82, 193-229.	2.4	125
7	Direct characterization of target podocyte antigens and auto-antibodies in human membranous glomerulonephritis: Alfa-enolase and borderline antigens. Journal of Proteomics, 2011, 74, 2008-2017.	2.4	101
8	DNA-Encoded Library-Derived DDR1 Inhibitor Prevents Fibrosis and Renal Function Loss in a Genetic Mouse Model of Alport Syndrome. ACS Chemical Biology, 2019, 14, 37-49.	3.4	84
9	Comparison of primary mitral valve disease in German Shepherd dogs and in small breeds. Journal of Veterinary Cardiology, 2004, 6, 27-34.	0.9	83
10	Phenotypic drug discovery: recent successes, lessons learned and new directions. Nature Reviews Drug Discovery, 2022, 21, 899-914.	46.4	81
11	Machine learning-powered antibiotics phenotypic drug discovery. Scientific Reports, 2019, 9, 5013.	3.3	63
12	Neutrophil Extracellular Traps protein composition is specific for patients with Lupus nephritis and includes methyl-oxidized α -enolase (methionine sulfoxide 93). Scientific Reports, 2019, 9, 7934.	3.3	58
13	Deep Learning Predicts OCT Measures of Diabetic Macular Thickening From Color Fundus Photographs. , 2019, 60, 852.		57
14	DDR1 role in fibrosis and its pharmacological targeting. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 118474.	4.1	57
15	Actinomycin D enhances killing of cancer cells by immunotoxin RG7787 through activation of the extrinsic pathway of apoptosis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10666-10671.	7.1	54
16	Epithelial-mesenchymal crosstalk alteration in kidney fibrosis. Journal of Pathology, 2012, 228, 131-147.	4.5	47
17	BMP7-induced-Pten inhibits Akt and prevents renal fibrosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 3095-3104.	3.8	47
18	Epithelial Cells as Active Player In Fibrosis: Findings from an In Vitro Model. PLoS ONE, 2013, 8, e56575.	2.5	42

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19	Advances and unmet needs in genetic, basic and clinical science in Alport syndrome: report from the 2015 International Workshop on Alport Syndrome. <i>Nephrology Dialysis Transplantation</i> , 2017, 32, gfw095.	0.7	40
20	Molecular Phenotyping Combines Molecular Information, Biological Relevance, and Patient Data to Improve Productivity of Early Drug Discovery. <i>Cell Chemical Biology</i> , 2017, 24, 624-634.e3.	5.2	32
21	Renal fibrosis and proteomics: Current knowledge and still key open questions for proteomic investigation. <i>Journal of Proteomics</i> , 2011, 74, 1855-1870.	2.4	31
22	Stable incorporation of α -smooth muscle actin into stress fibers is dependent on specific tropomyosin isoforms. <i>Cytoskeleton</i> , 2015, 72, 257-267.	2.0	29
23	Discoidin domain receptor 1 activation links extracellular matrix to podocyte lipotoxicity in Alport syndrome. <i>EBioMedicine</i> , 2021, 63, 103162.	6.1	27
24	Neutrophil Extracellular Traps in the Autoimmunity Context. <i>Frontiers in Medicine</i> , 2021, 8, 614829.	2.6	25
25	Compounds targeting OSBPL7 increase ABCA1-dependent cholesterol efflux preserving kidney function in two models of kidney disease. <i>Nature Communications</i> , 2021, 12, 4662.	12.8	24
26	An Update on Antibodies to Nucleosome Components as Biomarkers of Systemic Lupus Erythematosus and of Lupus Flares. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5799.	4.1	23
27	Machine learning analyses of antibody somatic mutations predict immunoglobulin light chain toxicity. <i>Nature Communications</i> , 2021, 12, 3532.	12.8	23
28	Neutrophil Extracellular Traps-DNase Balance and Autoimmunity. <i>Cells</i> , 2021, 10, 2667.	4.1	23
29	Rituximab for very low dose steroid-dependent nephrotic syndrome in children: a randomized controlled study. <i>Pediatric Nephrology</i> , 2020, 35, 1437-1444.	1.7	22
30	Imatinib inhibits in vitro proliferation of cells derived from a pleural solitary fibrous tumor expressing platelet-derived growth factor receptor-beta. <i>Lung Cancer</i> , 2009, 64, 244-246.	2.0	21
31	Selective pharmacological inhibition of DDR1 prevents experimentally-induced glomerulonephritis in prevention and therapeutic regime. <i>Journal of Translational Medicine</i> , 2018, 16, 148.	4.4	19
32	Discoidin Domain Receptors, DDR1b and DDR2, Promote Tumour Growth within Collagen but DDR1b Suppresses Experimental Lung Metastasis in HT1080 Xenografts. <i>Scientific Reports</i> , 2020, 10, 2309.	3.3	19
33	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
34	Multi-Autoantibody Signature and Clinical Outcome in Membranous Nephropathy. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2020, 15, 1762-1776.	4.5	17
35	Plasma Proteomics of Renal Function: A Transethnic Meta-Analysis and Mendelian Randomization Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 1747-1763.	6.1	16
36	Anticancer Effects of Mesothelin-Targeted Immunotoxin Therapy Are Regulated by Tyrosine Kinase DDR1. <i>Cancer Research</i> , 2016, 76, 1560-1568.	0.9	15

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37	Monitoring and manipulating cellular crosstalk during kidney fibrosis inside a 3D in vitro co-culture. <i>Scientific Reports</i> , 2017, 7, 14490.	3.3	15
38	Urinary Proteomics and Drug Discovery in Chronic Kidney Disease: A New Perspective. <i>Journal of Proteome Research</i> , 2011, 10, 126-132.	3.7	14
39	Sulfated hyaluronic acid inhibits the hyaluronidase CEMIP and regulates the HA metabolism, proliferation and differentiation of fibroblasts. <i>Matrix Biology</i> , 2022, 109, 173-191.	3.6	10
40	Targeting the epithelial cells in fibrosis: a new concept for an old disease. <i>Drug Discovery Today</i> , 2013, 18, 582-591.	6.4	9
41	Discoidin Domain Receptors in Melanoma: Potential Therapeutic Targets to Overcome MAPK Inhibitor Resistance. <i>Frontiers in Oncology</i> , 2020, 10, 1748.	2.8	9
42	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
43	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
44	New renal drug development to face chronic renal disease. <i>Expert Opinion on Drug Discovery</i> , 2014, 9, 1471-1485.	5.0	8
45	Serum IgG2 antibody multi-composition in systemic lupus erythematosus and in lupus nephritis (Part) Tj ETQq1 1 0,784314 rgBT /Over	1.9	8
46	Expression and subcellular localization of Discoidin Domain Receptor 1 (DDR1) define prostate cancer aggressiveness. <i>Cancer Cell International</i> , 2021, 21, 507.	4.1	8
47	Clinical trial recommendations for potential Alport syndrome therapies. <i>Kidney International</i> , 2020, 97, 1109-1116.	5.2	7
48	Live cell measurements of interaction forces and binding kinetics between Discoidin Domain Receptor 1 (DDR1) and collagen I with atomic force microscopy. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 129402.	2.4	6
49	Second Wave Antibodies in Autoimmune Renal Diseases: The Case of Lupus Nephritis. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 3020-3023.	6.1	6
50	Fc receptor-like 5 and anti-CD20 treatment response in granulomatosis with polyangiitis and microscopic polyangiitis. <i>JCI Insight</i> , 2020, 5, .	5.0	6
51	From acute injury to chronic disease: pathophysiological hypothesis of an epithelial/mesenchymal crosstalk alteration in CKD. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, iii43-iii50.	0.7	5
52	Tubular Cytoplasmic Expression of Zinc Finger Protein SNAI1 in Renal Transplant Biopsies. <i>American Journal of Pathology</i> , 2017, 187, 55-69.	3.8	5
53	Glomerular Macrophages in Human Auto- and Allo-Immune Nephritis. <i>Cells</i> , 2021, 10, 603.	4.1	5
54	Patients with primary membranous nephropathy lack auto-antibodies against LDL receptor, the homologue of megalin in human glomeruli. <i>CKJ: Clinical Kidney Journal</i> , 2012, 5, 178-179.	2.9	4

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55	Stenting: Biomaterials in mini-invasive cardiovascular applications. Analytical and Bioanalytical Chemistry, 2005, 381, 531-533.	3.7	3
56	The kidney as a target organ in pharmaceutical research. Drug Discovery Today, 2011, 16, 244-259.	6.4	3
57	Anti-alpha enolase multi-antibody specificity in human diseases. Clinical significance and molecular mechanisms. Autoimmunity Reviews, 2021, 20, 102977.	5.8	3
58	A Random Motility Assay Based on Image Correlation Spectroscopy. Biophysical Journal, 2013, 104, 2362-2372.	0.5	2
59	Abstract 1290: Actinomycin D enhanced immunotoxin RG7787 killing of cancer cells. , 2016, , .		0
60	Abstract 743: Tyrosine kinase discoidin domain receptor-1 (DDR1) regulates cytotoxicity of recombinant immunotoxin for cancer therapy. , 2016, , .		0
61	Abstract 2135: Complex roles of discoidin domain receptors (DDRs) in tumor growth and experimental metastasis: role of collagen I in DDR-mediated tumor growth. , 2018, , .		0