Paul Perco

List of Publications by Citations

94 papers	2,586 citations	30 h-index	48 g-index
102 ext. papers	2,992 ext. citations	4.9 avg, IF	4.76 L-index

#	Paper	IF	Citations
94	Canagliflozin reduces inflammation and fibrosis biomarkers: a potential mechanism of action for beneficial effects of SGLT2 inhibitors in diabetic kidney disease. *Diabetologia*, **2019**, 62, 1154-1166	10.3	144
93	In-silico human genomics with GeneCards. *Human Genomics*, **2011**, 5, 709-17	6.8	143
92	Association of the COVID-19 pandemic with Internet Search Volumes: A Google Trends Analysis. *International Journal of Infectious Diseases*, **2020**, 95, 192-197	10.5	127
91	Genome-wide gene-expression patterns of donor kidney biopsies distinguish primary allograft function. *Laboratory Investigation*, **2004**, 84, 353-61	5.9	114
90	Markers of cellular senescence in zero hour biopsies predict outcome in renal transplantation. *Aging Cell*, **2008**, 7, 491-7	9.9	108
89	RHD sequencing: a new tool for decision making on transfusion therapy and provision of Rh prophylaxis. *Transfusion Medicine*, **2001**, 11, 383-8	1.3	97
88	The surface properties of nanocrystalline diamond and nanoparticulate diamond powder and their suitability as cell growth support surfaces. *Biomaterials*, **2008**, 29, 4275-84	15.6	88
87	Hypoxia response and VEGF-A expression in human proximal tubular epithelial cells in stable and progressive renal disease. *Laboratory Investigation*, **2009**, 89, 337-46	5.9	86
86	Characterization of protein-interaction networks in tumors. *BMC Bioinformatics*, **2007**, 8, 224	3.6	81
85	Renal microRNA- and RNA-profiles in progressive chronic kidney disease. *European Journal of Clinical Investigation*, **2016**, 46, 213-26	4.6	71
84	miRNA profiling discriminates types of rejection and injury in human renal allografts. *Transplantation*, **2013**, 95, 835-41	1.8	67
83	Steroid pretreatment of organ donors to prevent postischemic renal allograft failure: a randomized, controlled trial. *Annals of Internal Medicine*, **2010**, 153, 222-30	8	57
82	Gene expression profiles of human proximal tubular epithelial cells in proteinuric nephropathies. *Kidney International*, **2007**, 71, 325-35	9.9	54
81	Testing for the D zygosity with three different methods revealed altered Rhesus boxes and a new weak D type. *Transfusion*, **2003**, 43, 335-9	2.9	50
80	Molecular pathogenesis of post-transplant acute kidney injury: assessment of whole-genome mRNA and miRNA profiles. *PLoS ONE*, **2014**, 9, e104164	3.7	49
79	A panel of novel biomarkers representing different disease pathways improves prediction of renal function decline in type 2 diabetes. *PLoS ONE*, **2015**, 10, e0120995	3.7	47
78	Evaluation of the Zucker diabetic fatty (ZDF) rat as a model for human disease based on urinary peptidomic profiles. *PLoS ONE*, **2012**, 7, e51334	3.7	45

77	Analysis and prediction of protective continuous B-cell epitopes on pathogen proteins. *Immunome Research*, **2008**, 4, 1		45
76	Protein biomarkers associated with acute renal failure and chronic kidney disease. *European Journal of Clinical Investigation*, **2006**, 36, 753-63	4.6	45
75	Alterations in gene expression in cadaveric vs. live donor kidneys suggest impaired tubular counterbalance of oxidative stress at implantation. *American Journal of Transplantation*, **2004**, 4, 1595-604	8.7	45
74	Histogenomics: association of gene expression patterns with histological parameters in kidney biopsies. *Transplantation*, **2009**, 87, 290-5	1.8	35
73	Bortezomib-induced survival signals and genes in human proximal tubular cells. *Journal of Pharmacology and Experimental Therapeutics*, **2008**, 327, 645-56	4.7	35
72	Influence of microvascular endothelial cells on transcriptional regulation of proximal tubular epithelial cells. *American Journal of Physiology - Cell Physiology*, **2008**, 294, C543-54	5.4	35
71	Systems Biology-Derived Biomarkers to Predict Progression of Renal Function Decline in Type 2 Diabetes. *Diabetes Care*, **2017**, 40, 391-397	14.6	33
70	Gene expression and biomarkers in renal transplant ischemia reperfusion injury. *Transplant International*, **2007**, 20, 2-11	3	33
69	Mapping of molecular pathways, biomarkers and drug targets for diabetic nephropathy. *Proteomics - Clinical Applications*, **2011**, 5, 354-66	3.1	31
68	Inter-laboratory comparison of human renal proximal tubule (HK-2) transcriptome alterations due to Cyclosporine A exposure and medium exhaustion. *Toxicology in Vitro*, **2009**, 23, 486-99	3.6	31
67	Biomarkers in renal transplantation ischemia reperfusion injury. *Transplantation*, **2009**, 88, S14-9	1.8	31
66	Transforming omics data into context: bioinformatics on genomics and proteomics raw data. *Electrophoresis*, **2006**, 27, 2659-75	3.6	31
65	Microarray and bioinformatics analysis of gene expression in experimental membranous nephropathy. *Nephron Experimental Nephrology*, **2009**, 112, e43-58		30
64	Effect of tissue fixatives on telomere length determination by quantitative PCR. *Mechanisms of Ageing and Development*, **2005**, 126, 1331-3	5.6	29
63	A dependency graph approach for the analysis of differential gene expression profiles. *Molecular BioSystems*, **2009**, 5, 1720-31		26
62	Gene-expression profiles and age of donor kidney biopsies obtained before transplantation distinguish medium term graft function. *Transplantation*, **2007**, 83, 1048-54	1.8	26
61	Validation of Plasma Biomarker Candidates for the Prediction of eGFR Decline in Patients With Type 2 Diabetes. *Diabetes Care*, **2018**, 41, 1947-1954	14.6	25
60	Molecular biomarker candidates of acute kidney injury in zero-hour renal transplant needle biopsies. *Transplant International*, **2011**, 24, 143-9	3	25

59	Linking transcriptomic and proteomic data on the level of protein interaction networks. *Electrophoresis*, **2010**, 31, 1780-9	3.6	24
58	Transcriptional response in the unaffected kidney after contralateral hydronephrosis or nephrectomy. *Kidney International*, **2005**, 68, 2497-507	9.9	21
57	Recurrence-free survival in prostate cancer is related to increased stromal TRAIL expression. *Cancer* , **2011**, 117, 1172-82	6.4	20
56	Neuropilin-1 and neuropilin-2 are differentially expressed in human proteinuric nephropathies and cytokine-stimulated proximal tubular cells. *Laboratory Investigation*, **2009**, 89, 1304-16	5.9	20
55	Molecular disease presentation in diabetic nephropathy. *Nephrology Dialysis Transplantation*, **2015**, 30 Suppl 4, iv17-25	4.3	18
54	Natural immunity enhances the activity of a DR5 agonistic antibody and carboplatin in the treatment of ovarian cancer. *Molecular Cancer Therapeutics*, **2010**, 9, 1007-18	6.1	18
53	Proteome-based systems biology analysis of the diabetic mouse aorta reveals major changes in fatty acid biosynthesis as potential hallmark in diabetes mellitus-associated vascular disease. *Circulation: Cardiovascular Genetics*, **2014**, 7, 161-70		17
52	From molecular signatures to predictive biomarkers: modeling disease pathophysiology and drug mechanism of action. *Frontiers in Cell and Developmental Biology*, **2014**, 2, 37	5.7	17
51	Molecular pathways and crosstalk characterizing the cardiorenal syndrome. *OMICS A Journal of Integrative Biology*, **2012**, 16, 105-12	3.8	17
50	Biomarker candidates for cardiovascular disease and bone metabolism disorders in chronic kidney disease: a systems biology perspective. *Journal of Cellular and Molecular Medicine*, **2008**, 12, 1177-87	5.6	16
49	Validation of a protein panel for the noninvasive detection of recurrent non-muscle invasive bladder cancer. *Biomarkers*, **2017**, 22, 674-681	2.6	15
48	Integrative analysis of prognostic biomarkers derived from multiomics panels helps discrimination of chronic kidney disease trajectories in people with type 2 diabetes. *Kidney International*, **2019**, 96, 1381-1388	9.9	15
47	Drugs meeting the molecular basis of diabetic kidney disease: bridging from molecular mechanism to personalized medicine. *Nephrology Dialysis Transplantation*, **2015**, 30 Suppl 4, iv105-112	4.3	15
46	Increased renal versican expression is associated with progression of chronic kidney disease. *PLoS ONE*, **2012**, 7, e44891	3.7	15
45	Functional molecular units for guiding biomarker panel design. *Methods in Molecular Biology*, **2014**, 1159, 109-33	1.4	15
44	Integrative analysis of -omics data and histologic scoring in renal disease and transplantation: renal histogenomics. *Seminars in Nephrology*, **2010**, 30, 520-30	4.8	14
43	The role of c-FLIP(L) in ovarian cancer: chaperoning tumor cells from immunosurveillance and increasing their invasive potential. *Gynecologic Oncology*, **2010**, 117, 451-9	4.9	14
42	Linking the ovarian cancer transcriptome and immunome. *BMC Systems Biology*, **2008**, 2, 2	3.5	13

41	Vascular endothelial growth factor A as predictive marker for mTOR inhibition in relapsing high-grade serous ovarian cancer. *BMC Systems Biology*, **2016**, 10, 33	3.5	12
40	Metallothioneins and renal ageing. *Nephrology Dialysis Transplantation*, **2016**, 31, 1444-52	4.3	12
39	Synthetic lethality guiding selection of drug combinations in ovarian cancer. *PLoS ONE*, **2019**, 14, e0210859	3.7	11
38	Patient-derived cell line models revealed therapeutic targets and molecular mechanisms underlying disease progression of high grade serous ovarian cancer. *Cancer Letters*, **2019**, 459, 1-12	9.9	11
37	Multimarker Panels in Diabetic Kidney Disease: The Way to Improved Clinical Trial Design and Clinical Practice?. *Kidney International Reports*, **2019**, 4, 212-221	4.1	11
36	Mass spectrometric/bioinformatic identification of a protein subset that characterizes the cellular activity of anticancer peptides. *Journal of Proteome Research*, **2014**, 13, 5250-61	5.6	11
35	Protein interactome of muscle invasive bladder cancer. *PLoS ONE*, **2015**, 10, e0116404	3.7	11
34	Detection of coregulation in differential gene expression profiles. *BioSystems*, **2005**, 82, 235-47	1.9	11
33	Proteomic-Biostatistic Integrated Approach for Finding the Underlying Molecular Determinants of Hypertension in Human Plasma. *Hypertension*, **2017**, 70, 412-419	8.5	10
32	Kidney injury molecule-1 as a biomarker of acute kidney injury in renal transplant recipients. *Nature Clinical Practice Nephrology*, **2008**, 4, 362-3		10
31	Synthetic lethal hubs associated with vincristine resistant neuroblastoma. *Molecular BioSystems*, **2011**, 7, 200-14		9
30	Biocompatibility of haemodialysis membranes determined by gene expression of human leucocytes: a crossover study. *European Journal of Clinical Investigation*, **2008**, 38, 918-24	4.6	9
29	Adaptive trimmed t-statistics for identifying predominantly high expression in a microarray experiment. *Statistics in Medicine*, **2011**, 30, 52-61	2.3	8
28	Impaired metabolism in donor kidney grafts after steroid pretreatment. *Transplant International*, **2010**, 23, 796-804	3	7
27	Molecular signature of mice T lymphocytes following tolerance induction by allogeneic BMT and CD40-CD40L costimulation blockade. *Transplant International*, **2006**, 19, 146-57	3	7
26	Disease map-based biomarker selection and pre-validation for bladder cancer diagnostic. *Biomarkers*, **2015**, 20, 328-37	2.6	6
25	Endogenous factors and mechanisms of renoprotection and renal repair. *European Journal of Clinical Investigation*, **2018**, 48, e12914	4.6	6
24	Molecular, histological, and clinical phenotyping of diabetic nephropathy: valuable complementary information?. *Kidney International*, **2018**, 93, 308-310	9.9	6

23	Baseline urinary metabolites predict albuminuria response to spironolactone in type 2 diabetes. *Translational Research*, **2020**, 222, 17-27	11	5
22	Predictive Biomarkers for Linking Disease Pathology and Drug Effect. *Current Pharmaceutical Design*, **2017**, 23, 29-54	3.3	5
21	Positioning of Tacrolimus for the Treatment of Diabetic Nephropathy Based on Computational Network Analysis. *PLoS ONE*, **2017**, 12, e0169518	3.7	4
20	A 3-biomarker-panel predicts renal outcome in patients with proteinuric renal diseases. *BMC Medical Genomics*, **2014**, 7, 75	3.7	4
19	Computational analysis workflows for Omics data interpretation. *Methods in Molecular Biology*, **2011**, 719, 379-97	1.4	4
18	Integrative bioinformatics analysis of proteins associated with the cardiorenal syndrome. *International Journal of Nephrology*, **2010**, 2011, 809378	1.7	4
17	In vitro--transcriptional response of polymorphonuclear leukocytes following contact with different antigens. *European Journal of Clinical Investigation*, **2007**, 37, 860-9	4.6	4
16	Computational Drug Screening Identifies Compounds Targeting Renal Age-associated Molecular Profiles. *Computational and Structural Biotechnology Journal*, **2019**, 17, 843-853	6.8	3
15	Data Graphs for Linking Clinical Phenotype and Molecular Feature Space. *International Journal of Systems Biology and Biomedical Technologies*, **2012**, 1, 11-25		3
14	Molecular models of the cardiorenal syndrome. *Electrophoresis*, **2013**, 34, 1649-56	3.6	3
13	Data and knowledge management in cross-Omics research projects. *Methods in Molecular Biology*, **2011**, 719, 97-111	1.4	3
12	Identification of dicarbonyl and L-xylulose reductase as a therapeutic target in human chronic kidney disease. *JCI Insight*, **2019**, 4,	9.9	3
11	Synthetic lethal combinations of low-toxicity drugs for breast cancer identified by genetic screens in yeast. *Oncotarget*, **2018**, 9, 36379-36391	3.3	3
10	Validation of systems biology derived molecular markers of renal donor organ status associated with long term allograft function. *Scientific Reports*, **2018**, 8, 6974	4.9	2
9	The potential evasion of immune surveillance in mucosa associated lymphoid tissue lymphoma by DcR2-mediated up-regulation of nuclear factor-Β. *Leukemia and Lymphoma*, **2015**, 56, 1440-9	1.9	2
8	Linking molecular feature space and disease terms for the immunosuppressive drug rapamycin. *Molecular BioSystems*, **2011**, 7, 2863-71		2
7	Molecular predictors for anaemia after kidney transplantation. *Nephrology Dialysis Transplantation*, **2009**, 24, 1015-23	4.3	2
6	Is There Decreasing Public Interest in Renal Transplantation? A Google Trends Analysis. *Journal of Clinical Medicine*, **2020**, 9,	5.1	1

5	Coregulation Analysis of Mechanistic Biomarkers in Autosomal Dominant Polycystic Kidney Disease. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
4	Using Infodemiology Metrics to Assess Public Interest in Liver Transplantation: Google Trends Analysis. *Journal of Medical Internet Research*, **2021**, 23, e21656	7.6	1
3	Clonal Hematopoiesis of Indeterminate Potential and Diabetic Kidney Disease: A Nested Case-Control Study.. *Kidney International Reports*, **2022**, 7, 876-888	4.1	0
2	Computational Reconstruction of Protein Interaction Networks **2011**, 155-180		
1	Biocompatibility of peritoneal dialysis solutions determined by genomics of human leucocytes: a cross-over study. *CKJ: Clinical Kidney Journal*, **2009**, 2, 510-2	4.5	