

# Paul Perco

## 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.

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	Clonal Hematopoiesis of Indeterminate Potential and Diabetic Kidney Disease: A Nested Case-Control Study.. <i>Kidney International Reports</i> , <b>2022</b> , 7, 876-888	4.1	0
93	Coregulation Analysis of Mechanistic Biomarkers in Autosomal Dominant Polycystic Kidney Disease. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
92	Using Infodemiology Metrics to Assess Public Interest in Liver Transplantation: Google Trends Analysis. <i>Journal of Medical Internet Research</i> , <b>2021</b> , 23, e21656	7.6	1
91	Baseline urinary metabolites predict albuminuria response to spironolactone in type 2 diabetes. <i>Translational Research</i> , <b>2020</b> , 222, 17-27	11	5
90	Is There Decreasing Public Interest in Renal Transplantation? A Google Trends Analysis. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	1
89	Association of the COVID-19 pandemic with Internet Search Volumes: A Google Trends Analysis. <i>International Journal of Infectious Diseases</i> , <b>2020</b> , 95, 192-197	10.5	127
88	Integrative analysis of prognostic biomarkers derived from multiomics panels helps discrimination of chronic kidney disease trajectories in people with type 2 diabetes. <i>Kidney International</i> , <b>2019</b> , 96, 1381-1388	9.9	15
87	Synthetic lethality guiding selection of drug combinations in ovarian cancer. <i>PLoS ONE</i> , <b>2019</b> , 14, e0210859	3.7	11
86	Patient-derived cell line models revealed therapeutic targets and molecular mechanisms underlying disease progression of high grade serous ovarian cancer. <i>Cancer Letters</i> , <b>2019</b> , 459, 1-12	9.9	11
85	Canagliflozin reduces inflammation and fibrosis biomarkers: a potential mechanism of action for beneficial effects of SGLT2 inhibitors in diabetic kidney disease. <i>Diabetologia</i> , <b>2019</b> , 62, 1154-1166	10.3	144
84	Multimarker Panels in Diabetic Kidney Disease: The Way to Improved Clinical Trial Design and Clinical Practice?. <i>Kidney International Reports</i> , <b>2019</b> , 4, 212-221	4.1	11
83	Computational Drug Screening Identifies Compounds Targeting Renal Age-associated Molecular Profiles. <i>Computational and Structural Biotechnology Journal</i> , <b>2019</b> , 17, 843-853	6.8	3
82	Identification of dicarbonyl and L-xylulose reductase as a therapeutic target in human chronic kidney disease. <i>JCI Insight</i> , <b>2019</b> , 4,	9.9	3
81	Endogenous factors and mechanisms of renoprotection and renal repair. <i>European Journal of Clinical Investigation</i> , <b>2018</b> , 48, e12914	4.6	6
80	Molecular, histological, and clinical phenotyping of diabetic nephropathy: valuable complementary information?. <i>Kidney International</i> , <b>2018</b> , 93, 308-310	9.9	6
79	Validation of systems biology derived molecular markers of renal donor organ status associated with long term allograft function. <i>Scientific Reports</i> , <b>2018</b> , 8, 6974	4.9	2
78	Validation of Plasma Biomarker Candidates for the Prediction of eGFR Decline in Patients With Type 2 Diabetes. <i>Diabetes Care</i> , <b>2018</b> , 41, 1947-1954	14.6	25

77	Synthetic lethal combinations of low-toxicity drugs for breast cancer identified by genetic screens in yeast. <i>Oncotarget</i> , <b>2018</b> , 9, 36379-36391	3.3	3
76	Systems Biology-Derived Biomarkers to Predict Progression of Renal Function Decline in Type 2 Diabetes. <i>Diabetes Care</i> , <b>2017</b> , 40, 391-397	14.6	33
75	Validation of a protein panel for the noninvasive detection of recurrent non-muscle invasive bladder cancer. <i>Biomarkers</i> , <b>2017</b> , 22, 674-681	2.6	15
74	Positioning of Tacrolimus for the Treatment of Diabetic Nephropathy Based on Computational Network Analysis. <i>PLoS ONE</i> , <b>2017</b> , 12, e0169518	3.7	4
73	Proteomic-Biostatistic Integrated Approach for Finding the Underlying Molecular Determinants of Hypertension in Human Plasma. <i>Hypertension</i> , <b>2017</b> , 70, 412-419	8.5	10
72	Predictive Biomarkers for Linking Disease Pathology and Drug Effect. <i>Current Pharmaceutical Design</i> , <b>2017</b> , 23, 29-54	3.3	5
71	Vascular endothelial growth factor A as predictive marker for mTOR inhibition in relapsing high-grade serous ovarian cancer. <i>BMC Systems Biology</i> , <b>2016</b> , 10, 33	3.5	12
70	Metallothioneins and renal ageing. <i>Nephrology Dialysis Transplantation</i> , <b>2016</b> , 31, 1444-52	4.3	12
69	Renal microRNA- and RNA-profiles in progressive chronic kidney disease. <i>European Journal of Clinical Investigation</i> , <b>2016</b> , 46, 213-26	4.6	71
68	Molecular disease presentation in diabetic nephropathy. <i>Nephrology Dialysis Transplantation</i> , <b>2015</b> , 30 Suppl 4, iv17-25	4.3	18
67	Drugs meeting the molecular basis of diabetic kidney disease: bridging from molecular mechanism to personalized medicine. <i>Nephrology Dialysis Transplantation</i> , <b>2015</b> , 30 Suppl 4, iv105-112	4.3	15
66	A panel of novel biomarkers representing different disease pathways improves prediction of renal function decline in type 2 diabetes. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120995	3.7	47
65	Disease map-based biomarker selection and pre-validation for bladder cancer diagnostic. <i>Biomarkers</i> , <b>2015</b> , 20, 328-37	2.6	6
64	Protein interactome of muscle invasive bladder cancer. <i>PLoS ONE</i> , <b>2015</b> , 10, e0116404	3.7	11
63	The potential evasion of immune surveillance in mucosa associated lymphoid tissue lymphoma by DcR2-mediated up-regulation of nuclear factor- $\kappa$ B. <i>Leukemia and Lymphoma</i> , <b>2015</b> , 56, 1440-9	1.9	2
62	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. <i>Circulation: Cardiovascular Genetics</i> , <b>2014</b> , 7, 161-70		17
61	Mass spectrometric/bioinformatic identification of a protein subset that characterizes the cellular activity of anticancer peptides. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 5250-61	5.6	11
60	Molecular pathogenesis of post-transplant acute kidney injury: assessment of whole-genome mRNA and miRNA profiles. <i>PLoS ONE</i> , <b>2014</b> , 9, e104164	3.7	49

59	From molecular signatures to predictive biomarkers: modeling disease pathophysiology and drug mechanism of action. <i>Frontiers in Cell and Developmental Biology</i> , <b>2014</b> , 2, 37	5.7	17
58	A 3-biomarker-panel predicts renal outcome in patients with proteinuric renal diseases. <i>BMC Medical Genomics</i> , <b>2014</b> , 7, 75	3.7	4
57	Functional molecular units for guiding biomarker panel design. <i>Methods in Molecular Biology</i> , <b>2014</b> , 1159, 109-33	1.4	15
56	Molecular models of the cardiorenal syndrome. <i>Electrophoresis</i> , <b>2013</b> , 34, 1649-56	3.6	3
55	miRNA profiling discriminates types of rejection and injury in human renal allografts. <i>Transplantation</i> , <b>2013</b> , 95, 835-41	1.8	67
54	Increased renal versican expression is associated with progression of chronic kidney disease. <i>PLoS ONE</i> , <b>2012</b> , 7, e44891	3.7	15
53	Evaluation of the Zucker diabetic fatty (ZDF) rat as a model for human disease based on urinary peptidomic profiles. <i>PLoS ONE</i> , <b>2012</b> , 7, e51334	3.7	45
52	Data Graphs for Linking Clinical Phenotype and Molecular Feature Space. <i>International Journal of Systems Biology and Biomedical Technologies</i> , <b>2012</b> , 1, 11-25		3
51	Molecular pathways and crosstalk characterizing the cardiorenal syndrome. <i>OMICS A Journal of Integrative Biology</i> , <b>2012</b> , 16, 105-12	3.8	17
50	Data and knowledge management in cross-Omics research projects. <i>Methods in Molecular Biology</i> , <b>2011</b> , 719, 97-111	1.4	3
49	Computational analysis workflows for Omics data interpretation. <i>Methods in Molecular Biology</i> , <b>2011</b> , 719, 379-97	1.4	4
48	Computational Reconstruction of Protein Interaction Networks <b>2011</b> , 155-180		
47	In-silico human genomics with GeneCards. <i>Human Genomics</i> , <b>2011</b> , 5, 709-17	6.8	143
46	Molecular biomarker candidates of acute kidney injury in zero-hour renal transplant needle biopsies. <i>Transplant International</i> , <b>2011</b> , 24, 143-9	3	25
45	Mapping of molecular pathways, biomarkers and drug targets for diabetic nephropathy. <i>Proteomics - Clinical Applications</i> , <b>2011</b> , 5, 354-66	3.1	31
44	Adaptive trimmed t-statistics for identifying predominantly high expression in a microarray experiment. <i>Statistics in Medicine</i> , <b>2011</b> , 30, 52-61	2.3	8
43	Recurrence-free survival in prostate cancer is related to increased stromal TRAIL expression. <i>Cancer</i> , <b>2011</b> , 117, 1172-82	6.4	20
42	Linking molecular feature space and disease terms for the immunosuppressive drug rapamycin. <i>Molecular BioSystems</i> , <b>2011</b> , 7, 2863-71		2

41	Synthetic lethal hubs associated with vincristine resistant neuroblastoma. <i>Molecular BioSystems</i> , <b>2011</b> , 7, 200-14		9
40	Impaired metabolism in donor kidney grafts after steroid pretreatment. <i>Transplant International</i> , <b>2010</b> , 23, 796-804	3	7
39	Natural immunity enhances the activity of a DR5 agonistic antibody and carboplatin in the treatment of ovarian cancer. <i>Molecular Cancer Therapeutics</i> , <b>2010</b> , 9, 1007-18	6.1	18
38	Integrative analysis of -omics data and histologic scoring in renal disease and transplantation: renal histogenomics. <i>Seminars in Nephrology</i> , <b>2010</b> , 30, 520-30	4.8	14
37	Integrative bioinformatics analysis of proteins associated with the cardiorenal syndrome. <i>International Journal of Nephrology</i> , <b>2010</b> , 2011, 809378	1.7	4
36	Steroid pretreatment of organ donors to prevent postischemic renal allograft failure: a randomized, controlled trial. <i>Annals of Internal Medicine</i> , <b>2010</b> , 153, 222-30	8	57
35	The role of c-FLIP(L) in ovarian cancer: chaperoning tumor cells from immunosurveillance and increasing their invasive potential. <i>Gynecologic Oncology</i> , <b>2010</b> , 117, 451-9	4.9	14
34	Linking transcriptomic and proteomic data on the level of protein interaction networks. <i>Electrophoresis</i> , <b>2010</b> , 31, 1780-9	3.6	24
33	Biocompatibility of peritoneal dialysis solutions determined by genomics of human leucocytes: a cross-over study. <i>CKJ: Clinical Kidney Journal</i> , <b>2009</b> , 2, 510-2	4.5	
32	Microarray and bioinformatics analysis of gene expression in experimental membranous nephropathy. <i>Nephron Experimental Nephrology</i> , <b>2009</b> , 112, e43-58		30
31	Hypoxia response and VEGF-A expression in human proximal tubular epithelial cells in stable and progressive renal disease. <i>Laboratory Investigation</i> , <b>2009</b> , 89, 337-46	5.9	86
30	Neuropilin-1 and neuropilin-2 are differentially expressed in human proteinuric nephropathies and cytokine-stimulated proximal tubular cells. <i>Laboratory Investigation</i> , <b>2009</b> , 89, 1304-16	5.9	20
29	A dependency graph approach for the analysis of differential gene expression profiles. <i>Molecular BioSystems</i> , <b>2009</b> , 5, 1720-31		26
28	Inter-laboratory comparison of human renal proximal tubule (HK-2) transcriptome alterations due to Cyclosporine A exposure and medium exhaustion. <i>Toxicology in Vitro</i> , <b>2009</b> , 23, 486-99	3.6	31
27	Biomarkers in renal transplantation ischemia reperfusion injury. <i>Transplantation</i> , <b>2009</b> , 88, S14-9	1.8	31
26	Histogenomics: association of gene expression patterns with histological parameters in kidney biopsies. <i>Transplantation</i> , <b>2009</b> , 87, 290-5	1.8	35
25	Molecular predictors for anaemia after kidney transplantation. <i>Nephrology Dialysis Transplantation</i> , <b>2009</b> , 24, 1015-23	4.3	2
24	Markers of cellular senescence in zero hour biopsies predict outcome in renal transplantation. <i>Aging Cell</i> , <b>2008</b> , 7, 491-7	9.9	108

23	Biocompatibility of haemodialysis membranes determined by gene expression of human leucocytes: a crossover study. <i>European Journal of Clinical Investigation</i> , <b>2008</b> , 38, 918-24	4.6	9
22	Linking the ovarian cancer transcriptome and immunome. <i>BMC Systems Biology</i> , <b>2008</b> , 2, 2	3.5	13
21	Biomarker candidates for cardiovascular disease and bone metabolism disorders in chronic kidney disease: a systems biology perspective. <i>Journal of Cellular and Molecular Medicine</i> , <b>2008</b> , 12, 1177-87	5.6	16
20	The surface properties of nanocrystalline diamond and nanoparticulate diamond powder and their suitability as cell growth support surfaces. <i>Biomaterials</i> , <b>2008</b> , 29, 4275-84	15.6	88
19	Bortezomib-induced survival signals and genes in human proximal tubular cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2008</b> , 327, 645-56	4.7	35
18	Kidney injury molecule-1 as a biomarker of acute kidney injury in renal transplant recipients. <i>Nature Clinical Practice Nephrology</i> , <b>2008</b> , 4, 362-3		10
17	Influence of microvascular endothelial cells on transcriptional regulation of proximal tubular epithelial cells. <i>American Journal of Physiology - Cell Physiology</i> , <b>2008</b> , 294, C543-54	5.4	35
16	Analysis and prediction of protective continuous B-cell epitopes on pathogen proteins. <i>Immunome Research</i> , <b>2008</b> , 4, 1		45
15	Gene expression and biomarkers in renal transplant ischemia reperfusion injury. <i>Transplant International</i> , <b>2007</b> , 20, 2-11	3	33
14	In vitro--transcriptional response of polymorphonuclear leukocytes following contact with different antigens. <i>European Journal of Clinical Investigation</i> , <b>2007</b> , 37, 860-9	4.6	4
13	Characterization of protein-interaction networks in tumors. <i>BMC Bioinformatics</i> , <b>2007</b> , 8, 224	3.6	81
12	Gene expression profiles of human proximal tubular epithelial cells in proteinuric nephropathies. <i>Kidney International</i> , <b>2007</b> , 71, 325-35	9.9	54
11	Gene-expression profiles and age of donor kidney biopsies obtained before transplantation distinguish medium term graft function. <i>Transplantation</i> , <b>2007</b> , 83, 1048-54	1.8	26
10	Transforming omics data into context: bioinformatics on genomics and proteomics raw data. <i>Electrophoresis</i> , <b>2006</b> , 27, 2659-75	3.6	31
9	Molecular signature of mice T lymphocytes following tolerance induction by allogeneic BMT and CD40-CD40L costimulation blockade. <i>Transplant International</i> , <b>2006</b> , 19, 146-57	3	7
8	Protein biomarkers associated with acute renal failure and chronic kidney disease. <i>European Journal of Clinical Investigation</i> , <b>2006</b> , 36, 753-63	4.6	45
7	Detection of coregulation in differential gene expression profiles. <i>BioSystems</i> , <b>2005</b> , 82, 235-47	1.9	11
6	Transcriptional response in the unaffected kidney after contralateral hydronephrosis or nephrectomy. <i>Kidney International</i> , <b>2005</b> , 68, 2497-507	9.9	21

5	Effect of tissue fixatives on telomere length determination by quantitative PCR. <i>Mechanisms of Ageing and Development</i> , <b>2005</b> , 126, 1331-3	5.6	29
4	Genome-wide gene-expression patterns of donor kidney biopsies distinguish primary allograft function. <i>Laboratory Investigation</i> , <b>2004</b> , 84, 353-61	5.9	114
3	Alterations in gene expression in cadaveric vs. live donor kidneys suggest impaired tubular counterbalance of oxidative stress at implantation. <i>American Journal of Transplantation</i> , <b>2004</b> , 4, 1595-604	8.7	45
2	Testing for the D zygosity with three different methods revealed altered Rhesus boxes and a new weak D type. <i>Transfusion</i> , <b>2003</b> , 43, 335-9	2.9	50
1	RHD sequencing: a new tool for decision making on transfusion therapy and provision of Rh prophylaxis. <i>Transfusion Medicine</i> , <b>2001</b> , 11, 383-8	1.3	97