

# Klaus Kratochwill

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7565640/klaus-kratochwill-publications-by-citations.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54  
papers

718  
citations

17  
h-index

25  
g-index

79  
ext. papers

1,006  
ext. citations

5.3  
avg, IF

3.42  
L-index

#	Paper	IF	Citations
54	Trichoderma G protein-coupled receptors: functional characterisation of a cAMP receptor-like protein from <i>Trichoderma atroviride</i> . <i>Current Genetics</i> , <b>2008</b> , 54, 283-99	2.9	55
53	Ex vivo reversal of in vivo transdifferentiation in mesothelial cells grown from peritoneal dialysate effluents. <i>Nephrology Dialysis Transplantation</i> , <b>2006</b> , 21, 2943-7	4.3	49
52	Quantitative real-time polymerase chain reaction for the accurate detection of <i>Toxoplasma gondii</i> in amniotic fluid. <i>Diagnostic Microbiology and Infectious Disease</i> , <b>2009</b> , 63, 10-5	2.9	47
51	Xyr1 regulates xylanase but not cellulase formation in the head blight fungus <i>Fusarium graminearum</i> . <i>Current Genetics</i> , <b>2007</b> , 52, 213-20	2.9	43
50	IgG deposition and activation of the classical complement pathway involvement in the activation of human granulocytes by decellularized porcine heart valve tissue. <i>Biomaterials</i> , <b>2008</b> , 29, 1824-32	15.6	38
49	Acellular vascular matrix grafts from human placenta chorion: Impact of ECM preservation on graft characteristics, protein composition and in vivo performance. <i>Biomaterials</i> , <b>2018</b> , 177, 14-26	15.6	37
48	Alanyl-glutamine dipeptide restores the cytoprotective stress proteome of mesothelial cells exposed to peritoneal dialysis fluids. <i>Nephrology Dialysis Transplantation</i> , <b>2012</b> , 27, 937-46	4.3	33
47	Biomarker research to improve clinical outcomes of peritoneal dialysis: consensus of the European Training and Research in Peritoneal Dialysis (EuTRIPD) network. <i>Kidney International</i> , <b>2017</b> , 92, 824-835	9.9	32
46	A combinatorial screen of the CLOUD uncovers a synergy targeting the androgen receptor. <i>Nature Chemical Biology</i> , <b>2017</b> , 13, 771-778	11.7	27
45	A method to resolve the composition of heterogeneous affinity-purified protein complexes assembled around a common protein by chemical cross-linking, gel electrophoresis and mass spectrometry. <i>Nature Protocols</i> , <b>2013</b> , 8, 75-97	18.8	24
44	Stress responses and conditioning effects in mesothelial cells exposed to peritoneal dialysis fluid. <i>Journal of Proteome Research</i> , <b>2009</b> , 8, 1731-47	5.6	23
43	Addition of Alanyl-Glutamine to Dialysis Fluid Restores Peritoneal Cellular Stress Responses - A First-In-Man Trial. <i>PLoS ONE</i> , <b>2016</b> , 11, e0165045	3.7	22
42	Complement Activation in Peritoneal Dialysis-Induced Arteriopathy. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2018</b> , 29, 268-282	12.7	21
41	Effects of epithelial-to-mesenchymal transition on acute stress response in human peritoneal mesothelial cells. <i>Nephrology Dialysis Transplantation</i> , <b>2008</b> , 23, 3494-500	4.3	20
40	Dynamic O-linked N-acetylglucosamine modification of proteins affects stress responses and survival of mesothelial cells exposed to peritoneal dialysis fluids. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2014</b> , 25, 2778-88	12.7	19
39	A randomized controlled trial of alanyl-glutamine supplementation in peritoneal dialysis fluid to assess impact on biomarkers of peritoneal health. <i>Kidney International</i> , <b>2018</b> , 94, 1227-1237	9.9	19
38	HSP-mediated cytoprotection of mesothelial cells in experimental acute peritoneal dialysis. <i>Peritoneal Dialysis International</i> , <b>2010</b> , 30, 294-9	2.8	17

37	Interleukin-1 receptor-mediated inflammation impairs the heat shock response of human mesothelial cells. <i>American Journal of Pathology</i> , <b>2011</b> , 178, 1544-55	5.8	14
36	A proteomic view on the role of glucose in peritoneal dialysis. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 2472-9	5.6	14
35	Peritoneal dialysis fluids can alter HSP expression in human peritoneal mesothelial cells. <i>Nephrology Dialysis Transplantation</i> , <b>2011</b> , 26, 1046-52	4.3	14
34	Effects of Alanyl-Glutamine Treatment on the Peritoneal Dialysis Effluent Proteome Reveal Pathomechanism-Associated Molecular Signatures. <i>Molecular and Cellular Proteomics</i> , <b>2018</b> , 17, 516-532	7.6	14
33	Equalizer technology followed by DIGE-based proteomics for detection of cellular proteins in artificial peritoneal dialysis effluents. <i>Electrophoresis</i> , <b>2014</b> , 35, 1387-94	3.6	11
32	Functional and Transcriptomic Characterization of Peritoneal Immune-Modulation by Addition of Alanyl-Glutamine to Dialysis Fluid. <i>Scientific Reports</i> , <b>2017</b> , 7, 6229	4.9	10
31	Increased immunogenicity is an integral part of the heat shock response following renal ischemia. <i>Cell Stress and Chaperones</i> , <b>2012</b> , 17, 385-97	4	10
30	Targeted Metabolomic Profiling of Peritoneal Dialysis Effluents Shows Anti-oxidative Capacity of Alanyl-Glutamine. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1961	4.6	9
29	Overexpression of Hsp70 confers cytoprotection during gliadin exposure in Caco-2 cells. <i>Pediatric Research</i> , <b>2015</b> , 78, 358-64	3.2	9
28	GSK-3 $\beta$ inhibition protects mesothelial cells during experimental peritoneal dialysis through upregulation of the heat shock response. <i>Cell Stress and Chaperones</i> , <b>2013</b> , 18, 569-79	4	9
27	Senescence-Associated Changes in Proteome and O-GlcNAcylation Pattern in Human Peritoneal Mesothelial Cells. <i>BioMed Research International</i> , <b>2015</b> , 2015, 382652	3	8
26	The Peritoneal Surface Proteome in a Model of Chronic Peritoneal Dialysis Reveals Mechanisms of Membrane Damage and Preservation. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 472	4.6	6
25	ECM Characterization Reveals a Massive Activation of Acute Phase Response during FSGS. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	6
24	A fetal sheep model for studying compensatory mechanisms in the healthy contralateral kidney after unilateral ureteral obstruction. <i>Journal of Pediatric Urology</i> , <b>2015</b> , 11, 352.e1-7	1.5	6
23	A systems pharmacology workflow with experimental validation to assess the potential of anakinra for treatment of focal and segmental glomerulosclerosis. <i>PLoS ONE</i> , <b>2019</b> , 14, e0214332	3.7	5
22	Cellular stress-response modulators in the acute rat model of peritoneal dialysis. <i>Pediatric Nephrology</i> , <b>2010</b> , 25, 169-72	3.2	5
21	Alanyl-Glutamine Restores Tight Junction Organization after Disruption by a Conventional Peritoneal Dialysis Fluid. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	5
20	Cross-omics comparison of stress responses in mesothelial cells exposed to heat- versus filter-sterilized peritoneal dialysis fluids. <i>BioMed Research International</i> , <b>2015</b> , 2015, 628158	3	4

19	Peritoneal Dialysis Fluid Supplementation with Alanyl-Glutamine Attenuates Conventional Dialysis Fluid-Mediated Endothelial Cell Injury by Restoring Perturbed Cytoprotective Responses. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	4
18	The Extracorporeal Proteome-The Significance of Selective Protein Removal During Dialysis Therapy. <i>Proteomics - Clinical Applications</i> , <b>2018</b> , 12, e1800078	3.1	4
17	Glucose Derivative Induced Vasculopathy in Children on Chronic Peritoneal Dialysis. <i>Circulation Research</i> , <b>2021</b> , 129, e102-e118	15.7	4
16	Feasibility of Metabolomics Analysis of Dialysate Effluents from Patients Undergoing Peritoneal Equilibration Testing. <i>Peritoneal Dialysis International</i> , <b>2015</b> , 35, 590-2	2.8	3
15	A combined transcriptome and bioinformatics approach to unilateral ureteral obstructive uropathy in the fetal sheep model. <i>Journal of Urology</i> , <b>2012</b> , 187, 751-6	2.5	3
14	HSP induction in mesothelial cells by peritoneal dialysis fluid depends on biocompatibility test system. <i>International Journal of Artificial Organs</i> , <b>2011</b> , 34, 405-9	1.9	3
13	Improved Alignment and Quantification of Protein Signals in Two-Dimensional Western Blotting. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 2379-2390	5.6	2
12	Vibrational Spectroscopy of Peritoneal Dialysis Effluent for Rapid Assessment of Patient Characteristics. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	2
11	Injury-induced inflammation and inadequate HSP expression in mesothelial cells upon repeat exposure to dual-chamber bag peritoneal dialysis fluids. <i>International Journal of Artificial Organs</i> , <b>2015</b> , 38, 530-6	1.9	2
10	Peritoneal dialysis fluid induces p38-dependent inflammation in human mesothelial cells. <i>Peritoneal Dialysis International</i> , <b>2011</b> , 31, 332-9	2.8	2
9	Podocyte RNA sequencing reveals Wnt- and ECM-associated genes as central in FSGS. <i>PLoS ONE</i> , <b>2020</b> , 15, e0231898	3.7	2
8	Lithium preserves peritoneal membrane integrity by suppressing mesothelial cell B-crystallin. <i>Science Translational Medicine</i> , <b>2021</b> , 13,	17.5	2
7	Composite Outcome Improves Feasibility of Clinical Trials in Peritoneal Dialysis. <i>Peritoneal Dialysis International</i> , <b>2019</b> , 39, 479-485	2.8	0
6	Monitoring Daily Ultrafiltration in Automated Peritoneal Dialysis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2021</b> ,	6.9	0
5	SuO013ALANYL-GLUTAMINE IN PERITONEAL DIALYSIS FLUIDS IMPROVES PERITONEAL HEALTH AND SYSTEMIC INFLAMMATION: A DOUBLE-BLINDED RANDOMIZED CROSSOVER TRIAL. <i>Nephrology Dialysis Transplantation</i> , <b>2018</b> , 33, i621-i621	4.3	
4	SuO016THE INFLUENCE OF ALANYL-GLUTAMINE ON THE PERITONEAL PROTEOME IN A CHRONIC RAT MODEL OF PERITONEAL DIALYSIS. <i>Nephrology Dialysis Transplantation</i> , <b>2018</b> , 33, i622-i622	4.3	
3	MO015EVIDENCE FOR IMMUNOMODULATORY EFFECTS OF PERITONEAL ALANYL-GLUTAMINE IN CLINICAL PERITONEAL DIALYSIS DETECTED BY A NOVEL HIGH PERFORMANCE PROTEOMICS BIOMARKER APPROACH. <i>Nephrology Dialysis Transplantation</i> , <b>2016</b> , 31, i34-i34	4.3	
2	FP477METABOLOMIC AND PROTEOMIC ANALYSIS OF MOLECULAR PROCESSES INVOLVED IN CLINICAL PERITONEAL DIALYSIS. <i>Nephrology Dialysis Transplantation</i> , <b>2018</b> , 33, i197-i197	4.3	

- 1 Assessing mechanical catheter dysfunction in automated tidal peritoneal dialysis using cyclor software: a case control, proof-of-concept study.. *Scientific Reports*, **2022**, 12, 5657 4.9