Christoph Aufricht

List of Publications by Year
in descending order

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98 papers	1,730 citations	201674 27 h-index	345221 36 g-index
103 all docs	103 docs citations	103 times ranked	1573 citing authors

#	Article	IF	Citations
1	Energy drinks mixed with alcohol: misconceptions, myths, and facts. International Journal of General Medicine, 2012, 5, 187.	1.8	72
2	Changes of blood pressure and left ventricular mass in pediatric renal transplantation. Pediatric Nephrology, 2004, 19, 1385-1389.	1.7	63
3	Heat shock protein-70 repairs proximal tubule structure after renal ischemia. Kidney International, 2000, 58, 2400-2407.	5.2	57
4	Heat-shock protein 70: molecular supertool?. Pediatric Nephrology, 2005, 20, 707-713.	1.7	56
5	Ex vivo reversal of in vivo transdifferentiation in mesothelial cells grown from peritoneal dialysate effluents. Nephrology Dialysis Transplantation, 2006, 21, 2943-2947.	0.7	54
6	Biomarker research to improve clinical outcomes of peritoneal dialysis: consensus of the European Training and Research in Peritoneal Dialysis (EuTRiPD) network. Kidney International, 2017, 92, 824-835.	5.2	54
7	Alanylâ€“glutamine dipeptide restores the cytoprotective stress proteome of mesothelial cells exposed to peritoneal dialysis fluids. Nephrology Dialysis Transplantation, 2012, 27, 937-946.	0.7	48
8	Early erythropoietin therapy is associated with improved growth in children with chronic kidney disease. Pediatric Nephrology, 2007, 22, 1189-1193.	1.7	47
9	Peritoneal dialysate fluid composition determines heat shock protein expression patterns in human mesothelial cells. Kidney International, 2001, 60, 1930-1937.	5.2	45
10	Complement Activation in Peritoneal Dialysisâ€“Induced Arteriolopathy. Journal of the American Society of Nephrology: JASN, 2018, 29, 268-282.	6.1	45
11	A randomized controlled trial of alanyl-glutamine supplementation in peritoneal dialysis fluid toÂassess impact on biomarkers of peritonealÂhealth. Kidney International, 2018, 94, 1227-1237.	5.2	45
12	Overexpression of HSP-72 confers cytoprotection in experimental peritoneal dialysis. Kidney International, 2004, 66, 2300-2307.	5.2	42
13	Risk factors for peritonitis in pediatric peritoneal dialysis: a single-center study. Pediatric Nephrology, 2005, 20, 1478-1483.	1.7	40
14	Ischemic Conditioning Prevents Na,K-ATPase Dissociation from the Cytoskeletal Cellular Fraction after Repeat Renal Ischemia in Rats. Pediatric Research, 2002, 51, 722-727.	2.3	39
15	Addition of Alanyl-Glutamine to Dialysis Fluid Restores Peritoneal Cellular Stress Responses â€“ A First-In-Man Trial. PLoS ONE, 2016, 11, e0165045.	2.5	39
16	Dynamic O-Linked N-Acetylglucosamine Modification of Proteins Affects Stress Responses and Survival of Mesothelial Cells Exposed to Peritoneal Dialysis Fluids. Journal of the American Society of Nephrology: JASN, 2014, 25, 2778-2788.	6.1	34
17	ATP releases HSP-72 from protein aggregates after renal ischemia. American Journal of Physiology - Renal Physiology, 1998, 274, F268-F274.	2.7	32
18	Evidence for HSP-mediated cytoskeletal stabilization in mesothelial cells during acute experimental peritoneal dialysis. American Journal of Physiology - Renal Physiology, 2007, 292, F47-F56.	2.7	32

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19	Renal failure, comorbidity and mortality in preterm infants. Wiener Klinische Wochenschrift, 2008, 120, 153-157.	1.9	32
20	Effects of Alanyl-Glutamine Treatment on the Peritoneal Dialysis Effluent Proteome Reveal Pathomechanism-Associated Molecular Signatures. Molecular and Cellular Proteomics, 2018, 17, 516-532.	3.8	32
21	Management of children with congenital nephrotic syndrome: challenging treatment paradigms. Nephrology Dialysis Transplantation, 2019, 34, 1369-1377.	0.7	32
22	Stress Responses and Conditioning Effects in Mesothelial Cells Exposed to Peritoneal Dialysis Fluid. Journal of Proteome Research, 2009, 8, 1731-1747.	3.7	31
23	Peritoneal Dialysis Fluids Induce the Stress Response in Human Mesothelial Cells. Peritoneal Dialysis International, 2001, 21, 1-5.	2.3	30
24	Urinary heat shock protein-72 excretion in clinical and experimental renal ischemia. Pediatric Nephrology, 2003, 18, 97-99.	1.7	30
25	HSP-Mediated Cytoprotection of Mesothelial Cells in Experimental Acute Peritoneal Dialysis. Peritoneal Dialysis International, 2010, 30, 294-299.	2.3	30
26	Is there such a thing as biocompatible peritoneal dialysis fluid?. Pediatric Nephrology, 2017, 32, 1835-1843.	1.7	30
27	HSP-25 and HSP-90 stabilize Na,K-ATPase in cytoskeletal fractions of ischemic rat renal cortex. Kidney International, 2002, 62, 1620-1627.	5.2	28
28	Heat-shock protein 25 induction and redistribution during actin reorganization after renal ischemia. American Journal of Physiology - Renal Physiology, 1998, 274, F215-F222.	2.7	27
29	Torque teno viral load reflects immunosuppression in paediatric kidney-transplanted patientsâ€"a pilot study. Pediatric Nephrology, 2021, 36, 153-162.	1.7	27
30	Functional and Transcriptomic Characterization of Peritoneal Immune-Modulation by Addition of Alanyl-Glutamine to Dialysis Fluid. Scientific Reports, 2017, 7, 6229.	3.3	24
31	Effects of epithelial-to-mesenchymal transition on acute stress response in human peritoneal mesothelial cells. Nephrology Dialysis Transplantation, 2008, 23, 3494-3500.	0.7	22
32	Interleukin-1 Receptor-Mediated Inflammation Impairs the Heat Shock Response of Human Mesothelial Cells. American Journal of Pathology, 2011, 178, 1544-1555.	3.8	21
33	Peritoneal dialysis fluids can alter HSP expression in human peritoneal mesothelial cells. Nephrology Dialysis Transplantation, 2011, 26, 1046-1052.	0.7	21
34	Pleuro-peritoneal or pericardio-peritoneal leak in children on chronic peritoneal dialysisâ€"A survey from the European Paediatric Dialysis Working Group. Pediatric Nephrology, 2015, 30, 2021-2027.	1.7	21
35	Recessive NOS1AP variants impair actin remodeling and cause glomerulopathy in humans and mice. Science Advances, 2021, 7, .	10.3	21
36	Lithium preserves peritoneal membrane integrity by suppressing mesothelial cell Î±B-crystallin. Science Translational Medicine, 2021, 13, .	12.4	20

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37	Effects of alcohol mixed with energy drink and alcohol alone on subjective intoxication. Amino Acids, 2013, 45, 1385-1393.	2.7	19
38	Effect of chronic kidney disease on macrophage cholesterol efflux. Life Sciences, 2015, 136, 1-6.	4.3	19
39	Targeted Metabolomic Profiling of Peritoneal Dialysis Effluents Shows Anti-oxidative Capacity of Alanyl-Glutamine. Frontiers in Physiology, 2018, 9, 1961.	2.8	19
40	Induction of Mesothelial HSP-72 upon In vivo Exposure to Peritoneal Dialysis Fluid. Peritoneal Dialysis International, 2003, 23, 499-501.	2.3	18
41	Peritoneal Dialysis Fluid Supplementation with Alanyl-Glutamine Attenuates Conventional Dialysis Fluid-Mediated Endothelial Cell Injury by Restoring Perturbed Cytoprotective Responses. Biomolecules, 2020, 10, 1678.	4.0	17
42	Rapid response in the COVID-19 pandemic: a Delphi study from the European Pediatric Dialysis Working Group. Pediatric Nephrology, 2020, 35, 1669-1678.	1.7	17
43	Infants with congenital nephrotic syndrome have comparable outcomes to infants with other renal diseases. Pediatric Nephrology, 2019, 34, 649-655.	1.7	16
44	Biocompatibility of a bicarbonate-buffered amino-acid-based solution for peritoneal dialysis. Pediatric Nephrology, 2008, 23, 1537-1543.	1.7	15
45	ECM Characterization Reveals a Massive Activation of Acute Phase Response during FSGS. International Journal of Molecular Sciences, 2020, 21, 2095.	4.1	14
46	Induction of Heat Shock Protein 72 in Mesothelial Cells Exposed to Peritoneal Dialysate Effluent. Peritoneal Dialysis International, 2003, 23, 74-77.	2.3	12
47	HSP: Helper, suppressor, protector. Kidney International, 2004, 65, 739-740.	5.2	12
48	HSP-72 Expression in Pre-Transplant Donor Kidney Biopsies and Post-Transplant Outcome. Transplantation, 2004, 78, 292-295.	1.0	12
49	Outcome after renal transplantation in children from native and immigrant families in Austria. European Journal of Pediatrics, 2009, 168, 11-16.	2.7	12
50	Overexpression of Hsp70 confers cytoprotection during gliadin exposure in Caco-2 cells. Pediatric Research, 2015, 78, 358-364.	2.3	11
51	Does immigration background influence outcomes after renal transplantation?. Pediatric Nephrology, 2011, 26, 309-315.	1.7	10
52	Increased immunogenicity is an integral part of the heat shock response following renal ischemia. Cell Stress and Chaperones, 2012, 17, 385-397.	2.9	10
53	Feasibility of Metabolomics Analysis of Dialysate Effluents from Patients Undergoing Peritoneal Equilibration Testing. Peritoneal Dialysis International, 2015, 35, 590-592.	2.3	10
54	Donorâ€specific <scp>HLA</scp> antibodies and graft function in kidneyâ€transplanted children â€“ the Vienna cohort. Pediatric Transplantation, 2016, 20, 507-514.	1.0	10

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55	Hemodialysis vascular access and subsequent transplantation: a report from the ESPN/ERA-EDTA Registry. Pediatric Nephrology, 2019, 34, 713-721.	1.7	10
56	Podocyte RNA sequencing reveals Wnt- and ECM-associated genes as central in FSGS. PLoS ONE, 2020, 15, e0231898.	2.5	10
57	Induction of mesothelial HSP-72 upon in vivo exposure to peritoneal dialysis fluid. Peritoneal Dialysis International, 2003, 23, 499-501.	2.3	10
58	Vaccination Practices in Pediatric Dialysis Patients Across Europe. A European Pediatric Dialysis Working Group and European Society for Pediatric Nephrology Dialysis Working Group Study. Nephron, 2018, 138, 280-286.	1.8	9
59	The Peritoneal Surface Proteome in a Model of Chronic Peritoneal Dialysis Reveals Mechanisms of Membrane Damage and Preservation. Frontiers in Physiology, 2019, 10, 472.	2.8	9
60	A systems pharmacology workflow with experimental validation to assess the potential of anakinra for treatment of focal and segmental glomerulosclerosis. PLoS ONE, 2019, 14, e0214332.	2.5	9
61	Growth and bone health in paediatric patients with Crohn's disease receiving subcutaneous tumor necrosis factor antibody. World Journal of Gastroenterology, 2015, 21, 6613.	3.3	9
62	Quercetin protects human mesothelial cells against exposure to peritoneal dialysis fluid. Pediatric Nephrology, 2007, 22, 1205-1208.	1.7	8
63	Cellular stress-response modulators in the acute rat model of peritoneal dialysis. Pediatric Nephrology, 2010, 25, 169-172.	1.7	8
64	Senescence-Associated Changes in Proteome andO-GlcNAcylation Pattern in Human Peritoneal Mesothelial Cells. BioMed Research International, 2015, 2015, 1-9.	1.9	8
65	Countermeasures against COVID-19: how to navigate medical practice through a nascent, evolving evidence base â€" a European multicentre mixed methods study. BMJ Open, 2021, 11, e043015.	1.9	8
66	Induction of heat shock protein 72 in mesothelial cells exposed to peritoneal dialysate effluent. Peritoneal Dialysis International, 2003, 23, 74-7.	2.3	7
67	A fetal sheep model for studying compensatory mechanisms in the healthy contralateral kidney after unilateral ureteral obstruction. Journal of Pediatric Urology, 2015, 11, 352.e1-352.e7.	1.1	6
68	High Rate of Living Kidney Donation to Immigrant Children Despite Disparitiesâ€"An Epidemiological Paradox?. Frontiers in Pediatrics, 2019, 7, 25.	1.9	6
69	A Combined Transcriptome and Bioinformatics Approach to Unilateral Ureteral Obstructive Uropathy in the Fetal Sheep Model. Journal of Urology, 2012, 187, 751-756.	0.4	4
70	A rare case: childhood-onset C3 glomerulonephritis due to homozygous factor H deficiency. CEN Case Reports, 2013, 2, 234-238.	0.9	4
71	Cross-Omics Comparison of Stress Responses in Mesothelial Cells Exposed to Heat- versus Filter-Sterilized Peritoneal Dialysis Fluids. BioMed Research International, 2015, 2015, 1-12.	1.9	4
72	Injury-Induced Inflammation and Inadequate HSP Expression in Mesothelial Cells upon Repeat Exposure to Dual-Chamber Bag Peritoneal Dialysis Fluids. International Journal of Artificial Organs, 2015, 38, 530-536.	1.4	3

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73	Saliva Sampling for Prospective SARS-CoV-2 Screening of Healthcare Professionals. Frontiers in Medicine, 2022, 9, 823577.	2.6	3
74	Composite Outcome Improves Feasibility of Clinical Trials in Peritoneal Dialysis. Peritoneal Dialysis International, 2019, 39, 479-485.	2.3	2
75	Golimumab in adolescents with Crohn's disease refractory to previous tumour necrosis factor antibody. Acta Paediatrica, International Journal of Paediatrics, 2021, 110, 661-667.	1.5	2
76	Kidney Transplantation in Small Children: Association Between Body Weight and Outcomeâ€"A Report From the ESPN/ERA-EDTA Registry. Transplantation, 2022, 106, 607-614.	1.0	2
77	Monitoring Daily Ultrafiltration in Automated Peritoneal Dialysis. Clinical Journal of the American Society of Nephrology: CJASN, 2022, 17, 107-110.	4.5	2
78	Influenza and pneumococcus vaccination rates in pediatric dialysis patients in Europe: recommendations vs reality A European Pediatric Dialysis Working Group and European Society for Pediatric Nephrology Dialysis Working Group study. Turkish Journal of Medical Sciences, 2021, 51, 2881-2886.	0.9	1
79	An unusual case of dysuria, pollakisuria, and eosinophilia: Answers. Pediatric Nephrology, 2022, 37, 793-795.	1.7	1
80	Stressed peritoneal leukocytes--protected, activated, or silenced?. Peritoneal Dialysis International, 2007, 27, 258-9.	2.3	1
81	Mandatory Vaccination Against COVID-19: Twitter Poll Analysis on Public Health Opinion. JMIR Formative Research, 2022, 6, e35754.	1.4	1
82	MO015EVIDENCE FOR IMMUNOMODULATORY EFFECTS OF PERITONEAL ALANYL-GLUTAMINE IN CLINICAL PERITONEAL DIALYSIS DETECTED BY A NOVEL HIGH PERFORMANCE PROTEOMICS BIOMARKER APPROACH. Nephrology Dialysis Transplantation, 2016, 31, i34-i34.	0.7	0
83	FP492ALANYL GLUTAMINE IN PERITONEAL DIALYSIS FLUID COUNTERACTS GDP INDUCED INADEQUATE ACTIVATION OF HSF1 IN MESOTHELIAL CELLS. Nephrology Dialysis Transplantation, 2018, 33, i204-i204.	0.7	0
84	FP477METABOLOMIC AND PROTEOMIC ANALYSIS OF MOLECULAR PROCESSES INVOLVED IN CLINICAL PERITONEAL DIALYSIS. Nephrology Dialysis Transplantation, 2018, 33, i197-i197.	0.7	0
85	FP481LITHIUM-MEDIATED PROTECTION OF MESOTHELIAL CELLS IN PERITONEAL DIALYSIS. Nephrology Dialysis Transplantation, 2018, 33, i199-i199.	0.7	0
86	SuO013ALANYL-GLUTAMINE IN PERITONEAL DIALYSIS FLUIDS IMPROVES PERITONEAL HEALTH AND SYSTEMIC INFLAMMATION: A DOUBLE-BLINDED RANDOMIZED CROSSOVER TRIAL. Nephrology Dialysis Transplantation, 2018, 33, i621-i621.	0.7	0
87	SuO016THE INFLUENCE OF ALANYL-GLUTAMINE ON THE PERITONEAL PROTEOME IN A CHRONIC RAT MODEL OF PERITONEAL DIALYSIS. Nephrology Dialysis Transplantation, 2018, 33, i622-i622.	0.7	0
88	SaO060SYSTEMS BIOLOGY ANALYSIS OF LITHIUM-MEDIATED CYTOPROTECTION IN IN VITRO AND IN VIVO PERITONEAL DIALYSIS. Nephrology Dialysis Transplantation, 2019, 34, .	0.7	0
89	SaO057CROSS-OMICS ANALYSIS OF TRANSCRIPTOME, PROTEOME AND METABOLOME DYNAMICS DURING PERITONEAL DIALYSIS. Nephrology Dialysis Transplantation, 2019, 34, .	0.7	0
90	FP614ALANYL-GLUTAMINE DECREASES CELLULAR INJURY AND ENHANCES CYTOPROTECTIVE RESPONSES IN ENDOTHELIAL CELLS DURING PD-FLUID EXPOSURE. Nephrology Dialysis Transplantation, 2019, 34, .	0.7	0

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91	P1175INTESTINAL MICROBIOME, METABOLOME AND BACTERIALLY-DERIVED UREMIC TOXINS IN PD-PATIENTS - DISPARITIES IN CHRONIC KIDNEY DISEASE AND ACUTE KIDNEY INJURY. Nephrology Dialysis Transplantation, 2020, 35, .	0.7	0
92	FC 099DECLINING PERITONEAL HOST DEFENCES REVEALED BY EX-VIVO CYTOKINE RELEASE ASSAY OF PERITONEAL DIALYSIS EFFLUENT CELLS. Nephrology Dialysis Transplantation, 2021, 36, .	0.7	0
93	FC 105LITHIUM PRESERVES PERITONEAL MEMBRANE INTEGRITY BY REDUCING MESOTHELIAL CELL ÎB-CRYSTALLIN. Nephrology Dialysis Transplantation, 2021, 36, .	0.7	0
94	An unusual case of dysuria, pollakisuria, and eosinophilia: Questions. Pediatric Nephrology, 2021, 37, 789.	1.7	0
95	Assessing mechanical catheter dysfunction in automated tidal peritoneal dialysis using cycler software: a case control, proof-of-concept study. Scientific Reports, 2022, 12, 5657.	3.3	0
96	MO679: Peritonitis May Disrupt Cyclic Periodicity of Ultrafiltration in Peritoneal Dialysis. Nephrology Dialysis Transplantation, 2022, 37, .	0.7	0
97	MO720: Elevated Dialysate IL-6 Concentrations are Prospectively Associated with Impaired TLR-Stimulated Cytokine Release from Peritoneal Cellsâ€"a Longitudinal Cohort Study. Nephrology Dialysis Transplantation, 2022, 37, .	0.7	0
98	MO669: Predictive Parameters of Automated PD Cycler Software for Diagnosis of Catheter Dysfunction. Nephrology Dialysis Transplantation, 2022, 37, .	0.7	0