Mauro Pietribiasi

List of Publications by Year
in descending order

15	158	1307366 7	1199470 12
papers	citations	h-index	g-index

15	15	15	116
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modeling acidâ€“base balance during continuous kidney replacement therapy. Journal of Clinical Monitoring and Computing, 2022, 36, 179-189.	0.7	6
2	Dialysis therapies: Investigation of transport and regulatory processes using mathematical modelling. Biocybernetics and Biomedical Engineering, 2022, 42, 60-78.	3.3	2
3	Modeling acid-base transport in hemodialyzers. Biocybernetics and Biomedical Engineering, 2021, 41, 1150-1161.	3.3	2
4	Calculation of the Gibbsâ€“Donnan factors for multi-ion solutions with non-permeating charge on both sides of a permselective membrane. Scientific Reports, 2021, 11, 22150.	1.6	5
5	Comparison of two single-solute models of potassium kinetics during hemodialysis. Biocybernetics and Biomedical Engineering, 2020, 40, 938-949.	3.3	2
6	Acidâ€“base kinetics during hemodialysis using bicarbonate and lactate as dialysate buffer bases based on the H⁺mobilization model. International Journal of Artificial Organs, 2020, 43, 645-652.	0.7	5
7	Transcapillary Refilling Rate and Its Determinants during Haemodialysis with Standard and High Ultrafiltration Rates. American Journal of Nephrology, 2019, 50, 133-143.	1.4	29
8	Model of fluid and solute shifts during hemodialysis with active transport of sodium and potassium. PLoS ONE, 2018, 13, e0209553.	1.1	15
9	Does the plasma refilling coefficient change during hemodialysis sessions?. International Journal of Artificial Organs, 2018, 41, 706-713.	0.7	11
10	Changes of Peritoneal Transport Parameters with Time on Dialysis: Assessment with Sequential Peritoneal Equilibration Test. International Journal of Artificial Organs, 2017, 40, 595-601.	0.7	8
11	Peritoneal Fluid Transport rather than Peritoneal Solute Transport Associates with Dialysis Vintage and Age of Peritoneal Dialysis Patients. Computational and Mathematical Methods in Medicine, 2016, 2016, 1-10.	0.7	7
12	Phosphate Equilibration Rate and Daily Clearance in Patients on CAPD, CCPD and APD. International Journal of Artificial Organs, 2016, 39, 596-602.	0.7	4
13	Modelling Transcapillary Transport of Fluid and Proteins in Hemodialysis Patients. PLoS ONE, 2016, 11, e0159748.	1.1	19
14	Kinetics of Plasma Refilling During Hemodialysis Sessions with Different Initial Fluid Status. ASAIO Journal, 2015, 61, 350-356.	0.9	33
15	Can the Three Pore Model Correctly Describe Peritoneal Transport of Protein?. ASAIO Journal, 2014, 60, 576-581.	0.9	10