

Akihiro C Yamashita

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

166
citations

1478505

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1281871

11
g-index

31
all docs

31
docs citations

31
times ranked

117
citing authors

#	ARTICLE	IF	CITATIONS
1	New dialysis membrane for removal of middle molecule uremic toxins. American Journal of Kidney Diseases, 2001, 38, S217-S219.	1.9	29
2	Importance of membrane materials for blood purification devices in critical care. Transfusion and Apheresis Science, 2009, 40, 23-31.	1.0	23
3	Mass Transfer Mechanisms in High-Performance Membrane Dialyzers. Contributions To Nephrology, 2011, 173, 95-102.	1.1	18
4	Blood compatibility and filtration characteristics of a newly developed polyester polymer alloy membrane. Hemodialysis International, 2004, 8, 368-371.	0.9	11
5	Mechanisms of Solute and Fluid Removal in Hemodiafiltration. , 2007, 158, 50-56.		10
6	Peritoneal Dialysis Guidelines 2019 Part 1 (Position paper of the Japanese Society for Dialysis Therapy). Renal Replacement Therapy, 2021, 7, .	0.7	9
7	Effect of packing density of hollow fibers on solute removal performances of dialyzers. Hemodialysis International, 2009, 13, S2-S7.	0.9	7
8	Kinetics and Dose of Daily Hemofiltration. Blood Purification, 2004, 22, 14-19.	1.8	6
9	Which solute removal mechanism dominates over others in dialyzers for continuous renal replacement therapy?. Hemodialysis International, 2010, 14, S7-13.	0.9	6
10	Effect of sterilization on solute transport performances of super high-flux dialyzers. Hemodialysis International, 2012, 16, S10-S14.	0.9	6
11	New simple mathematical model for evaluation of peritoneal permeability.. Nihon Toseki Igakkai Zasshi, 1998, 31, 183-189.	0.1	6
12	Central Online Hemodiafiltration in Japan: Management of Water Quality and Practice. Blood Purification, 2009, 27, 50-55.	1.8	5
13	New Analytical Solution for Pyle-Popovich's Peritoneal Dialysis Model.. Journal of Chemical Engineering of Japan, 1999, 32, 498-505.	0.6	5
14	A Kinetic Model for Peritoneal Dialysis and Its Application for Complementary Dialysis Therapy. Contributions To Nephrology, 2012, 177, 3-12.	1.1	4
15	Re-evaluation of adequate dose in Japanese peritoneal dialysis patients. Advances in Peritoneal Dialysis Conference on Peritoneal Dialysis, 2003, 19, 103-5.	0.1	4
16	Development of a computer-aided diagnosis system for continuous peritoneal dialysis: An availability of the simultaneous numerical optimization technique for kinetic parameters in the peritoneal dialysis model. Computers in Biology and Medicine, 2007, 37, 1700-1708.	7.0	3
17	Effect of Membrane Surface Area on Solute Removal Performance of Dialyzers with Fouling. Membranes, 2022, 12, 684.	3.0	3
18	What is good about PD + HD combined therapy. Hemodialysis International, 2011, 15, S15-S21.	0.9	2

#	ARTICLE	IF	CITATIONS
19	Diafilters for Predilution and Postdilution On-Line Hemodiafiltration. Blood Purification, 2013, 35, 29-33.	1.8	2
20	Filtration and Adsorption of Albumin in Commercial Hemofilters. Journal of Chemical Engineering of Japan, 2010, 43, 521-528.	0.6	2
21	Clinical Application of Computer-Aided Diagnostic System for Harmonious Introduction of Complementary Dialysis Therapy. Open Biomedical Engineering Journal, 2008, 2, 10-16.	0.5	2
22	Control of Rate of Solute Transport in Newly Developed Portable Agar Gel Blood Purification System. Home Hemodialysis International International Symposium on Daily Home Hemodialysis, 1998, 2, 67-70.	0.8	1
23	Biomedical Engineering. Development of a Novel Portable Blood Purification System with no Membrane for Separation.. Kagaku Kogaku Ronbunshu, 1998, 24, 233-237.	0.3	1
24	Quantification of Peritoneal Transport. Peritoneal Dialysis International, 2008, 28, 139-143.	2.3	1
25	Kinetic analysis of daily hemofiltration. Hemodialysis International, 2004, 8, 326-331.	0.9	0
26	Evaluation of peritoneal damage by PD NAVI-characteristics of high transporter. Nihon Toseki Igakkai Zasshi, 2005, 38, 279-285.	0.1	0
27	ã€Žæ—°è ãƒ€ã,ã,¢ãƒ©ã,ã,¶é—‹ç™ªã®ã±•æœœã€• Nihon Toseki Igakkai Zasshi, 2011, 44, 533-533.	0.1	0
28	Quantification of peritoneal transport. Peritoneal Dialysis International, 2008, 28 Suppl 3, S139-43.	2.3	0
29	Semi-Quantitative Evaluation of Asymmetry of Dialysis Membrane Using Forward and Backward Ultrafiltration. Membranes, 2022, 12, 624.	3.0	0