Michael S Balzer

List of Publications by Year
in descending order

26 papers	783 citations	687363 13 h-index	610901 24 g-index
28 all docs	28 docs citations	28 times ranked	854 citing authors

#	Article	IF	Citations
1	Single cell regulatory landscape of the mouse kidney highlights cellular differentiation programs and disease targets. Nature Communications, 2021, 12, 2277.	12.8	122
2	The Nuclear Receptor ESRRA Protects from Kidney Disease by Coupling Metabolism and Differentiation. Cell Metabolism, 2021, 33, 379-394.e8.	16.2	93
3	How Many Cell Types Are in the Kidney and What Do They Do?. Annual Review of Physiology, 2022, 84, 507-531.	13.1	69
4	Urinary Single-Cell Profiling Captures the Cellular Diversity of the Kidney. Journal of the American Society of Nephrology: JASN, 2021, 32, 614-627.	6.1	64
5	Development of an Optimized LC-MS Method for the Detection of Specialized Pro-Resolving Mediators in Biological Samples. Frontiers in Pharmacology, 2019, 10, 169.	3.5	59
6	Molecular pathways in peritoneal fibrosis. Cellular Signalling, 2020, 75, 109778.	3.6	57
7	Single-cell analysis highlights differences in druggable pathways underlying adaptive or fibrotic kidney regeneration. Nature Communications, 2022, 13, .	12.8	54
8	CX3CL1â€“CX3CR1 interaction mediates macrophage-mesothelial cross talk and promotes peritoneal fibrosis. Kidney International, 2019, 95, 1405-1417.	5.2	38
9	Single-cell analysis identifies the interaction of altered renal tubules with basophils orchestrating kidney fibrosis. Nature Immunology, 2022, 23, 947-959.	14.5	37
10	SGLT2 Inhibition by Intraperitoneal Dapagliflozin Mitigates Peritoneal Fibrosis and Ultrafiltration Failure in a Mouse Model of Chronic Peritoneal Exposure to High-Glucose Dialysate. Biomolecules, 2020, 10, 1573.	4.0	30
11	Protein kinase C Î± inhibition prevents peritoneal damage in a mouse model of chronic peritoneal exposure to high-glucose dialysate. Kidney International, 2016, 89, 1253-1267.	5.2	24
12	How to Get Started with Single Cell RNA Sequencing Data Analysis. Journal of the American Society of Nephrology: JASN, 2021, 32, 1279-1292.	6.1	19
13	Got Milk? Breastfeeding and Milk Analysis of a Mother on Chronic Hemodialysis. PLoS ONE, 2015, 10, e0143340.	2.5	16
14	Kidney toxicity of the BRAF-kinase inhibitor vemurafenib is driven by off-target ferrochelatase inhibition. Kidney International, 2021, 100, 1214-1226.	5.2	16
15	On Becoming a Nephrologist: Medical Students' Ideas to Enhance Interest in a Career in Nephrology. American Journal of Kidney Diseases, 2013, 62, 450-452.	1.9	14
16	Protein kinase C beta deficiency increases glucose-mediated peritoneal damage via M1 macrophage polarization and up-regulation of mesothelial protein kinase C alpha. Nephrology Dialysis Transplantation, 2019, 34, 947-960.	0.7	14
17	Soluble neprilysin, NT-proBNP, and growth differentiation factor-15 as biomarkers for heart failure in dialysis patients (SONGBIRD). Clinical Research in Cardiology, 2020, 109, 1035-1047.	3.3	14
18	Peritoneal dialysateâ€range hypertonic glucose promotes Tâ€cell ILâ€17 production that induces mesothelial inflammation. European Journal of Immunology, 2021, 51, 354-367.	2.9	11

#	Article	IF	Citations
19	The interdependence of renal epithelial and endothelial metabolism and cell state. Science Signaling, 2020, 13, .	3.6	7
20	Are ISPD Guidelines on Peritonitis Diagnosis Too Narrow? A 15-Year Retrospective Single-Center Cohort Study on PD-Associated Peritonitis Accounting for Untrained Patients. Peritoneal Dialysis International, 2019, 39, 220-228.	2.3	5
21	Patient Perspectives on Renal Replacement Therapy Modality Choice: A Multicenter Questionnaire Study on Bioethical Dimensions. Peritoneal Dialysis International, 2019, 39, 519-526.	2.3	4
22	Oxaliplatin pharmacokinetics on hemodialysis in a patient with diffuse large B cell lymphoma. Annals of Hematology, 2016, 95, 649-650.	1.8	3
23	Pretransplant dialysis modality and longâ€term patient and kidney allograft outcome: a 15â€year retrospective singleâ€centre cohort study. Transplant International, 2020, 33, 376-390.	1.6	3
24	Single cell biologyâ€”a Keystone Symposia report. Annals of the New York Academy of Sciences, 2021, 1506, 74-97.	3.8	3
25	MP475OXALIPLATIN PHARMACOKINETICS ON HEMODIALYSIS IN A PATIENT WITH DIFFUSE LARGE B-CELL LYMPHOMA. Nephrology Dialysis Transplantation, 2016, 31, i499-i499.	0.7	0
26	Delayed non-myeloablative irradiation to induce long-term allograft acceptance in a large animal lung transplantation model. Transplant Immunology, 2021, 65, 101350.	1.2	0