Sarah Faubel

List of Publications by Year
in descending order

76 papers	5,058 citations	94433 37 h-index	91884 69 g-index
77 all docs	77 docs citations	77 times ranked	6109 citing authors

#	Article	IF	Citations
1	Urinary interleukin-18 is a marker of human acute tubular necrosis. American Journal of Kidney Diseases, 2004, 43, 405-414.	1.9	462
2	Cisplatin-Induced Acute Renal Failure Is Associated with an Increase in the Cytokines Interleukin (IL)-1Î², IL-18, IL-6, and Neutrophil Infiltration in the Kidney. Journal of Pharmacology and Experimental Therapeutics, 2007, 322, 8-15.	2.5	364
3	Acute Renal Failure after Bilateral Nephrectomy Is Associated with Cytokine-Mediated Pulmonary Injury. Journal of the American Society of Nephrology: JASN, 2007, 18, 155-164.	6.1	256
4	Interleukin-6 mediates lung injury following ischemic acute kidney injury or bilateral nephrectomy. Kidney International, 2008, 74, 901-909.	5.2	225
5	Neutrophil-independent mechanisms of caspase-1â€" and IL-18â€"mediated ischemic acute tubular necrosis in mice. Journal of Clinical Investigation, 2002, 110, 1083-1091.	8.2	186
6	Serum Interleukin-6 and interleukin-8 are early biomarkers of acute kidney injury and predict prolonged mechanical ventilation in children undergoing cardiac surgery: a case-control study. Critical Care, 2009, 13, R104.	5.8	182
7	AKI Transition of Care. Clinical Journal of the American Society of Nephrology: CJASN, 2013, 8, 476-483.	4.5	181
8	Clinical Use of the Urine Biomarker [TIMP-2]ÂÃ— [IGFBP7] forÂAcute Kidney Injury Risk Assessment. American Journal of Kidney Diseases, 2016, 68, 19-28.	1.9	172
9	Caspase-1â€"deficient mice are protected against cisplatin-induced apoptosis and acute tubular necrosis. Kidney International, 2004, 66, 2202-2213.	5.2	168
10	Biomarkers of Drug-Induced Kidney Toxicity. Therapeutic Drug Monitoring, 2019, 41, 213-226.	2.0	156
11	Mechanisms and mediators of lung injury after acute kidney injury. Nature Reviews Nephrology, 2016, 12, 48-60.	9.6	148
12	IL-33 Exacerbates Acute Kidney Injury. Journal of the American Society of Nephrology: JASN, 2011, 22, 2057-2067.	6.1	128
13	Caspase inhibition reduces tubular apoptosis and proliferation and slows disease progression in polycystic kidney disease. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 6954-6959.	7.1	101
14	Promoting Kidney Function Recovery in Patients with AKI Requiring RRT. Clinical Journal of the American Society of Nephrology: CJASN, 2015, 10, 1859-1867.	4.5	98
15	Increased Macrophage Infiltration and Fractalkine Expression in Cisplatin-Induced Acute Renal Failure in Mice. Journal of Pharmacology and Experimental Therapeutics, 2008, 324, 111-117.	2.5	97
16	Renal Relevant Radiology. Clinical Journal of the American Society of Nephrology: CJASN, 2014, 9, 382-394.	4.5	95
17	Bridging Translation by Improving Preclinical Study Design in AKI. Journal of the American Society of Nephrology: JASN, 2015, 26, 2905-2916.	6.1	90
18	Pulmonary Complications After Acute Kidney Injury. Advances in Chronic Kidney Disease, 2008, 15, 284-296.	1.4	86

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19	Cytokine production increases and cytokine clearance decreases in mice with bilateral nephrectomy. Nephrology Dialysis Transplantation, 2012, 27, 4339-4347.	0.7	82
20	Ongoing Clinical Trials in AKI. Clinical Journal of the American Society of Nephrology: CJASN, 2012, 7, 861-873.	4.5	76
21	Acute Lung Injury and Acute Kidney Injury Are Established by Four Hours in Experimental Sepsis and Are Improved with Pre, but Not Post, Sepsis Administration of TNF-Î± Antibodies. PLoS ONE, 2013, 8, e79037.	2.5	76
22	Endocytosis of Albumin by Podocytes Elicits an Inflammatory Response and Induces Apoptotic Cell Death. PLoS ONE, 2013, 8, e54817.	2.5	70
23	Intratracheal IL-6 Protects against Lung Inflammation in Direct, but Not Indirect, Causes of Acute Lung Injury in Mice. PLoS ONE, 2013, 8, e61405.	2.5	65
24	Caspase Inhibition Prevents the Increase in Caspase-3, -2, -8 and -9 Activity and Apoptosis in the Cold Ischemic Mouse Kidney. American Journal of Transplantation, 2004, 4, 1246-1254.	4.7	63
25	Heparanase mediates renal dysfunction during early sepsis in mice. Physiological Reports, 2013, 1, e00153.	1.7	61
26	Metabolomics assessment reveals oxidative stress and altered energy production in the heart after ischemic acute kidney injury in mice. Kidney International, 2019, 95, 590-610.	5.2	61
27	Local immunotherapy via delivery of interleukin-10 and transforming growth factor Î² antagonist for treatment of chronic kidney disease. Journal of Controlled Release, 2015, 206, 131-139.	9.9	60
28	The Daily Burden of Acute Kidney Injury: A Survey of US Nephrologists on World Kidney Day. American Journal of Kidney Diseases, 2014, 64, 394-401.	1.9	56
29	Depletion of Macrophages and Dendritic Cells in Ischemic Acute Kidney Injury. American Journal of Nephrology, 2012, 35, 181-190.	3.1	50
30	Delivery of interleukin-10 via injectable hydrogels improves renal outcomes and reduces systemic inflammation following ischemic acute kidney injury in mice. American Journal of Physiology - Renal Physiology, 2016, 311, F362-F372.	2.7	50
31	Kinetics of the cell cycle arrest biomarkers (TIMP-2*IGFBP-7) for prediction of acute kidney injury in infants after cardiac surgery. Pediatric Nephrology, 2017, 32, 1611-1619.	1.7	50
32	Peripheral CD4 T-Cell Depletion Is Not Sufficient to Prevent Ischemic Acute Renal Failure. Transplantation, 2005, 80, 643-649.	1.0	49
33	Apoptosis and Autophagy in Cold Preservation Ischemia. Transplantation, 2011, 91, 1192-1197.	1.0	43
34	Circulating IL-6 upregulates IL-10 production in splenic CD4+ T cells and limits acute kidney injuryâ€“induced lung inflammation. Kidney International, 2017, 91, 1057-1069.	5.2	43
35	IL-6-mediated hepatocyte production is the primary source of plasma and urine neutrophil gelatinaseâ€“associated lipocalin during acute kidney injury. Kidney International, 2020, 97, 966-979.	5.2	40
36	Complement activation and toll-like receptor-2 signaling contribute to cytokine production after renal ischemia/reperfusion. Molecular Immunology, 2012, 52, 249-257.	2.2	39

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37	Proximal tubules from caspase-1-deficient mice are protected against hypoxia-induced membrane injury. Nephrology Dialysis Transplantation, 2007, 22, 1052-1061.	0.7	37
38	In Critically Ill Patients Requiring CRRT, AKI Is Associated with Increased Respiratory Failure and Death Versus ESRD. Renal Failure, 2011, 33, 935-942.	2.1	37
39	Pulmonary Consequences of Acute Kidney Injury. Seminars in Nephrology, 2019, 39, 3-16.	1.6	37
40	Increase in chloride from baseline is independently associated with mortality in critically ill children. Intensive Care Medicine, 2018, 44, 2183-2191.	8.2	35
41	A model-specific role of microRNA-223 as a mediator of kidney injury during experimental sepsis. American Journal of Physiology - Renal Physiology, 2017, 313, F553-F559.	2.7	34
42	Prolonged acute kidney injury exacerbates lung inflammation at 7Âdays post-acute kidney injury. Physiological Reports, 2014, 2, e12084.	1.7	33
43	Experimental models of acute kidney injury for translational research. Nature Reviews Nephrology, 2022, 18, 277-293.	9.6	32
44	Pathways of caspase-mediated apoptosis in autosomal-dominant polycystic kidney disease (ADPKD). Kidney International, 2005, 67, 909-919.	5.2	31
45	Optimal Role of the Nephrologist in the Intensive Care Unit. Blood Purification, 2017, 43, 68-77.	1.8	31
46	Thrombocytopenia After Cardiopulmonary Bypass Is Associated With Increased Morbidity and Mortality. Annals of Thoracic Surgery, 2020, 110, 50-57.	1.3	31
47	Matching Human Unilateral AKI, a Reverse Translational Approach to Investigate Kidney Recovery after Ischemia. Journal of the American Society of Nephrology: JASN, 2019, 30, 990-1005.	6.1	30
48	Stage 1 acute kidney injury is independently associated with infection following cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, 1346-1355.e3.	0.8	29
49	Acute kidney injury is associated with subsequentÂinfection in neonates after the Norwood procedure: a retrospective chart review. Pediatric Nephrology, 2018, 33, 1235-1242.	1.7	28
50	Acute Kidney Injury Defined by Fluid Corrected Creatinine in Neonates After the Norwood Procedure. World Journal for Pediatric & Congenital Heart Surgery, 2018, 9, 513-521.	0.8	27
51	Hyperchloremia is independently associated with mortality in critically ill children who ultimately require continuous renal replacement therapy. Pediatric Nephrology, 2018, 33, 1079-1085.	1.7	26
52	Outpatient Dialysis for Patients with AKI. Clinical Journal of the American Society of Nephrology: CJASN, 2015, 10, 1868-1874.	4.5	24
53	Current Status of Novel Biomarkers for the Diagnosis of Acute Kidney Injury: A Historical Perspective. Journal of Intensive Care Medicine, 2020, 35, 415-424.	2.8	23
54	Continuous Renal Replacement Therapy Dosing in Critically Ill Patients: A Quality Improvement Initiative. American Journal of Kidney Diseases, 2019, 74, 727-735.	1.9	20

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55	Acute Kidney Injury and Acute Respiratory Distress Syndrome. Critical Care Clinics, 2021, 37, 835-849.	2.6	20
56	Fluid Management With Peritoneal Dialysis After Pediatric Cardiac Surgery. World Journal for Pediatric & Congenital Heart Surgery, 2018, 9, 696-704.	0.8	18
57	Female and male mice have differential longterm cardiorenal outcomes following a matched degree of ischemiaâ€“reperfusion acute kidney injury. Scientific Reports, 2022, 12, 643.	3.3	18
58	Early peritoneal dialysis reduces lung inflammation in mice with ischemic acute kidney injury. Kidney International, 2017, 92, 365-376.	5.2	17
59	Acute Kidney Injury Biomarkers Predict an Increase in Serum Milrinone Concentration Earlier Than Serum Creatinineâ€“Defined Acute Kidney Injury in Infants After Cardiac Surgery. Therapeutic Drug Monitoring, 2018, 40, 186-194.	2.0	17
60	Incident infection following acute kidney injury with recovery to baseline creatinine: A propensity score matched analysis. PLoS ONE, 2019, 14, e0217935.	2.5	17
61	Acute Kidney Injury Results in Long-Term Diastolic Dysfunction That Is Prevented by Histone Deacetylase Inhibition. JACC Basic To Translational Science, 2021, 6, 119-133.	4.1	17
62	A pan caspase inhibitor decreases caspase-1, IL-1Î±and IL-1Î², and protects against necrosis of cisplatin-treated freshly isolated proximal tubules. Renal Failure, 2015, 37, 144-150.	2.1	16
63	Effects of hyperchloremia on renal recovery in critically ill children with acute kidney injury. Pediatric Nephrology, 2020, 35, 1331-1339.	1.7	16
64	Effects of Baseline Thrombocytopenia and Platelet Decrease Following Renal Replacement Therapy Initiation in Patients With Severe Acute Kidney Injury*. Critical Care Medicine, 2019, 47, e325-e331.	0.9	15
65	Shank2 Regulates Renal Albumin Endocytosis. Physiological Reports, 2015, 3, e12510.	1.7	10
66	Preparing for Renal Replacement Therapy in Patients with the Ebola Virus Disease. Blood Purification, 2014, 38, 276-285.	1.8	9
67	Infection Post-AKI: Should We Worry?. Nephron, 2020, 144, 673-676.	1.8	9
68	Creatinine elevations from baseline at the time of cardiac surgery are associated with postoperative complications. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, 1378-1387.	0.8	8
69	SuPAR: a potential predictive biomarker for acute kidneyÂinjury. Nature Reviews Nephrology, 2020, 16, 375-376.	9.6	8
70	The Association of Platelet Decrease Following Continuous Renal Replacement Therapy Initiation and Increased Rates of Secondary Infections. Critical Care Medicine, 2021, 49, e130-e139.	0.9	8
71	Ischemic Acute Renal Failure following Nephrectomy Impairs Long-Term Renal Function. Transplantation, 2006, 81, 800-803.	1.0	4
72	Postoperative Complications Are Not Elevated in Well-Compensated ESRD Patients Undergoing Cardiac Surgery: End-Stage Renal Disease Cardiac Surgery Outcomes. Journal of Surgical Research, 2020, 247, 136-143.	1.6	3

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73	Have We Reached the Limit of Mortality Benefit With Our Approach to Renal Replacement Therapy in Acute Kidney Injury?. American Journal of Kidney Diseases, 2013, 62, 1030-1033.	1.9	2
74	Platelet Decreases following Continuous Renal Replacement Therapy Initiation as a Novel Risk Factor for Renal Nonrecovery. Blood Purification, 2022, 51, 559-566.	1.8	2
75	Dual Therapy Difficulties in Angiotensin Blockade for Proteinuria. JAMA Internal Medicine, 2014, 174, 1429.	5.1	1
76	The author replies. Kidney International, 2020, 97, 1301-1302.	5.2	0