

# Joseph V Bonventre

## List of Publications by Year in descending order

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Version: 2024-02-01

269  
papers

42,373  
citations

2797

94  
h-index

2277

200  
g-index

281  
all docs

281  
docs citations

281  
times ranked

33249  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Plasma Kidney Injury Molecule 1 in CKD: Findings From the Boston Kidney Biopsy Cohort and CRIC Studies. <i>American Journal of Kidney Diseases</i> , 2022, 79, 231-243.e1.  | 2.1  | 15        |
| 2  | Stress-induced senescence of tubular cells. , 2022, , 241-252.  |      | 0         |
| 3  | Associations of Plasma Biomarkers of Inflammation, Fibrosis, and Kidney Tubular Injury With Progression of Diabetic Kidney Disease: A Cohort Study. <i>American Journal of Kidney Diseases</i> , 2022, 79, 849-857.e1.  | 2.1  | 31        |
| 4  | Biomimetic models of the glomerulus. <i>Nature Reviews Nephrology</i> , 2022, 18, 241-257.  | 4.1  | 22        |
| 5  | From Bench to the Clinic: The Path to Translation of Nanotechnology-Enabled mRNA SARS-CoV-2 Vaccines. <i>Nano-Micro Letters</i> , 2022, 14, 41.   | 14.4 | 26        |
| 6  | Acute Kidney Injury Associates with Long-Term Increases in Plasma TNFR1, TNFR2, and KIM-1: Findings from the CRIC Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2022, 33, 1173-1181.  | 3.0  | 16        |
| 7  | Myocardial Cytoskeletal Adaptations in Advanced Kidney Disease. <i>Journal of the American Heart Association</i> , 2022, 11, e022991.   | 1.6  | 6         |
| 8  | Kidney repair and regeneration: perspectives of the NIDDK (Re)Building a Kidney consortium. <i>Kidney International</i> , 2022, 101, 845-853.   | 2.6  | 22        |
| 9  | Plasma Biomarkers as Risk Factors for Incident CKD. <i>Kidney International Reports</i> , 2022, 7, 1493-1501.   | 0.4  | 10        |
| 10 | Indirect and Direct Effects of SARS-CoV-2 on Human Pancreatic Islets. <i>Diabetes</i> , 2022, 71, 1579-1590.  | 0.3  | 21        |
| 11 | Plasma Kidney Injury Molecule-1 in Systemic Lupus Erythematosus: Discordance Between ELISA and Proximity Extension Assay. <i>Kidney Medicine</i> , 2022, 4, 100496.   | 1.0  | 1         |
| 12 | Probing expert opinions on the future of kidney replacement therapies. <i>Artificial Organs</i> , 2021, 45, 79-87.  | 1.0  | 8         |
| 13 | Reply. <i>Journal of Pediatrics</i> , 2021, 228, 320-323.   | 0.9  | 0         |
| 14 | Reply. <i>Journal of Pediatrics</i> , 2021, 228, 317-319.   | 0.9  | 0         |
| 15 | Association of Multiple Plasma Biomarker Concentrations with Progression of Prevalent Diabetic Kidney Disease: Findings from the Chronic Renal Insufficiency Cohort (CRIC) Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 115-126. | 3.0  | 81        |
| 16 | The Associations of Plasma Biomarkers of Inflammation With Histopathologic Lesions, Kidney Disease Progression, and Mortalityâ€”The Boston Kidney Biopsy Cohort Study. <i>Kidney International Reports</i> , 2021, 6, 685-694.                                    | 0.4  | 21        |
| 17 | Blockade of IL-22 signaling reverses erythroid dysfunction in stress-induced anemias. <i>Nature Immunology</i> , 2021, 22, 520-529.   | 7.0  | 11        |
| 18 | Acute and long-term disruption of glycometabolic control after SARS-CoV-2 infection. <i>Nature Metabolism</i> , 2021, 3, 774-785.   | 5.1  | 259       |

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|----|--|-----|-----------|
| 19 | Orphan nuclear receptor COUPâ€¦FII enhances myofibroblast glycolysis leading to kidney fibrosis. EMBO Reports, 2021, 22, e51169.   | 2.0 | 16        |
| 20 | KIM-1 mediates fatty acid uptake by renal tubular cells to promote progressive diabetic kidney disease. Cell Metabolism, 2021, 33, 1042-1061.e7.   | 7.2 | 103       |
| 21 | Variability in CKD Biomarker Studies: Soluble Urokinase Plasminogen Activator Receptor (suPAR) and Kidney Disease Progression in the Chronic Kidney Disease in Children (CKiD) Study. Kidney Medicine, 2021, 3, 712-721.e1.                    | 1.0 | 7         |
| 22 | Nephrotoxicity Assessment with Human Kidney Tubuloids using Spherical Nucleic Acid-Based mRNA Nanoflares. Nano Letters, 2021, 21, 5850-5858.   | 4.5 | 16        |
| 23 | Immunological Impact of a Gluten-Free Dairy-Free Diet in Children With Kidney Disease: A Feasibility Study. Frontiers in Immunology, 2021, 12, 624821.   | 2.2 | 11        |
| 24 | Nanostructured Non-Newtonian Drug Delivery Barrier Prevents Postoperative Intrapericardial Adhesions. ACS Applied Materials & Interfaces, 2021, 13, 29231-29246.   | 4.0 | 15        |
| 25 | Comparison of proteomic methods in evaluating biomarker-AKI associations in cardiac surgery patients. Translational Research, 2021, 238, 49-62.  | 2.2 | 20        |
| 26 | Association of Coding Variants in Hydroxysteroid 17-beta Dehydrogenase 14 (HSD17B14) with Reduced Progression to End Stage Kidney Disease in Type 1 Diabetes. Journal of the American Society of Nephrology: JASN, 2021, 32, 2634-2651.        | 3.0 | 9         |
| 27 | Molecularly Imprinted Polymer Nanogels for Protein Recognition: Direct Proof of Specific Binding Sites by Solution STD and WaterLOGSY NMR Spectroscopies. Angewandte Chemie - International Edition, 2021, 60, 20849-20857.                    | 7.2 | 29        |
| 28 | Molecularly Imprinted Polymer Nanogels for Protein Recognition: Direct Proof of Specific Binding Sites by Solution STD and WaterLOGSY NMR Spectroscopies. Angewandte Chemie, 2021, 133, 21017-21025.   | 1.6 | 3         |
| 29 | Therapeutic silencing of SMO2 prevents kidney function loss in mouse model of chronic kidney disease. IScience, 2021, 24, 103193.  | 1.9 | 6         |
| 30 | Urine Biomarkers of Kidney Tubule Health, Injury, and Inflammation are Associated with Progression of CKD in Children. Journal of the American Society of Nephrology: JASN, 2021, 32, 2664-2677.   | 3.0 | 19        |
| 31 | 6Î²-Hydroxytestosterone Promotes Angiotensin II-Induced Hypertension via Enhanced Cytosolic Phospholipase A <sub>2</sub> Activity. Hypertension, 2021, 78, 1053-1066.  | 1.3 | 0         |
| 32 | Ataxia Telangiectasia and Rad3-Related Activation by DNA Damage Mitigates Maladaptive Repair after Acute Kidney Injury. Nephron, 2021, , 1-4.  | 0.9 | 0         |
| 33 | 2-Methoxyestradiol Ameliorates Angiotensin II-Induced Hypertension by Inhibiting Cytosolic Phospholipase A <sub>2</sub> Activity in Female Mice. Hypertension, 2021, 78, 1368-1381.  | 1.3 | 3         |
| 34 | Sitagliptin Treatment at the Time of Hospitalization Was Associated With Reduced Mortality in Patients With Type 2 Diabetes and COVID-19: A Multicenter, Case-Control, Retrospective, Observational Study. Diabetes Care, 2020, 43, 2999-3006. | 4.3 | 201       |
| 35 | Pediatric Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2): Clinical Presentation, Infectivity, and Immune Responses. Journal of Pediatrics, 2020, 227, 45-52.e5.  | 0.9 | 288       |
| 36 | Plasma Biomarkers of Tubular Injury and Inflammation Are Associated with CKD Progression in Children. Journal of the American Society of Nephrology: JASN, 2020, 31, 1067-1077.  | 3.0 | 48        |

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|----|--|-----|-----------|
| 37 | Enhancer and super-enhancer dynamics in repair after ischemic acute kidney injury. <i>Nature Communications</i> , 2020, 11, 3383.  | 5.8 | 61        |
| 38 | Stem cells in kidney development and regeneration. , 2020, , 805-823.  |     | 0         |
| 39 | Acute kidney injury and maladaptive tubular repair leading to renal fibrosis. <i>Current Opinion in Nephrology and Hypertension</i> , 2020, 29, 310-318.   | 1.0 | 71        |
| 40 | Proinflammatory P2Y14 receptor inhibition protects against ischemic acute kidney injury in mice. <i>Journal of Clinical Investigation</i> , 2020, 130, 3734-3749.  | 3.9 | 60        |
| 41 | Initial Validation of a Machine Learning-Derived Prognostic Test (KidneyIntelX) Integrating Biomarkers and Electronic Health Record Data To Predict Longitudinal Kidney Outcomes. <i>Kidney360</i> , 2020, 1, 731-739. | 0.9 | 15        |
| 42 | A single combination gene therapy treats multiple age-related diseases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23505-23511.                               | 3.3 | 57        |
| 43 | Differential Roles of Cysteinyl Cathepsins in TGF- $\beta$ 2 Signaling and Tissue Fibrosis. <i>IScience</i> , 2019, 19, 607-622.   | 1.9 | 30        |
| 44 | A Technology Roadmap for Innovative Approaches to Kidney Replacement Therapies. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 1539-1547.  | 2.2 | 50        |
| 45 | Cyclin G1 and TASC2 regulate kidney epithelial cell G <sub>2</sub> -M arrest and fibrotic maladaptive repair. <i>Science Translational Medicine</i> , 2019, 11, .  | 5.8 | 103       |
| 46 | Renal Effects of Intensive Volume Removal in Heart Failure Patients With Preexisting Worsening Renal Function. <i>Circulation: Heart Failure</i> , 2019, 12, e005552.  | 1.6 | 43        |
| 47 | Cellular Senescence in the Kidney. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 726-736.   | 3.0 | 164       |
| 48 | Flow-enhanced vascularization and maturation of kidney organoids in vitro. <i>Nature Methods</i> , 2019, 16, 255-262.  | 9.0 | 559       |
| 49 | Recent advances in acute kidney injury and its consequences and impact on chronic kidney disease. <i>Current Opinion in Nephrology and Hypertension</i> , 2019, 28, 397-405.   | 1.0 | 50        |
| 50 | Abemaciclib Inhibits Renal Tubular Secretion Without Changing Glomerular Filtration Rate. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 105, 1187-1195.  | 2.3 | 60        |
| 51 | Proximal tubule ATR regulates DNA repair to prevent maladaptive renal injury responses. <i>Journal of Clinical Investigation</i> , 2019, 129, 4797-4816.   | 3.9 | 73        |
| 52 | Effect of Combined Gluten-Free, Dairy-Free Diet in Children With Steroid-Resistant Nephrotic Syndrome: An Open Pilot Trial. <i>Kidney International Reports</i> , 2018, 3, 851-860.                                    | 0.4 | 10        |
| 53 | Markers of early progressive renal decline in type 2 diabetes suggest different implications for aetiological studies and prognostic tests development. <i>Kidney International</i> , 2018, 93, 1198-1206.             | 2.6 | 88        |
| 54 | Brain Cytosolic Phospholipase A2 $\beta$ Mediates Angiotensin II-Induced Hypertension and Reactive Oxygen Species Production in Male Mice. <i>American Journal of Hypertension</i> , 2018, 31, 622-629.                | 1.0 | 5         |

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|----|---|-----|-----------|
| 55 | Worsening Renal Function in Patients With Acute Heart Failure Undergoing Aggressive Diuresis Is Not Associated With Tubular Injury. <i>Circulation</i> , 2018, 137, 2016-2028.  | 1.6 | 239       |
| 56 | CRISPR/Cas9-based Targeted Genome Editing for the Development of Monogenic Diseases Models with Human Pluripotent Stem Cells. <i>Current Protocols in Stem Cell Biology</i> , 2018, 45, e50.                                      | 3.0 | 11        |
| 57 | Tctexin-1, a novel interaction partner of Kidney Injury Molecule-1, is required for efferocytosis. <i>Journal of Cellular Physiology</i> , 2018, 233, 6877-6895.  | 2.0 | 7         |
| 58 | Acute Kidney Injury and Progression of Diabetic Kidney Disease. <i>Advances in Chronic Kidney Disease</i> , 2018, 25, 166-180.  | 0.6 | 123       |
| 59 | Biomarker validation with an imperfect reference: Issues and bounds. <i>Statistical Methods in Medical Research</i> , 2018, 27, 2933-2945.  | 0.7 | 9         |
| 60 | FP204BET FAMILY MEMBER BRD4 DEPENDENT ENHANCER AND SUPER-ENHANCER DYNAMICS PROMOTE KIDNEY REPAIR AND PROGRESSION TO FIBROSIS. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i100-i100.                                   | 0.4 | 0         |
| 61 | Kidney organoids—a new tool for kidney therapeutic development. <i>Kidney International</i> , 2018, 94, 1040-1042.  | 2.6 | 15        |
| 62 | Prediction of DNA Repair Inhibitor Response in Short-Term Patient-Derived Ovarian Cancer Organoids. <i>Cancer Discovery</i> , 2018, 8, 1404-1421.   | 7.7 | 311       |
| 63 | Tubular Physiology in Acute Kidney Injury: Cell Signalling, Injury and Inflammation. , 2018, , 69-91.   |     | 0         |
| 64 | Nitric Oxide Decreases Acute Kidney Injury and Stage 3 Chronic Kidney Disease after Cardiac Surgery. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 1279-1287.                                    | 2.5 | 99        |
| 65 | KIM-1 as a Blood-Based Marker for Early Detection of Kidney Cancer: A Prospective Nested Case-Control Study. <i>Clinical Cancer Research</i> , 2018, 24, 5594-5601.   | 3.2 | 34        |
| 66 | Biological Variability of Estimated GFR and Albuminuria in CKD. <i>American Journal of Kidney Diseases</i> , 2018, 72, 538-546.   | 2.1 | 62        |
| 67 | Interleukin-1 $\beta$ Activates a MYC-Dependent Metabolic Switch in Kidney Stromal Cells Necessary for Progressive Tubulointerstitial Fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1690-1705. | 3.0 | 152       |
| 68 | Kidney injury molecule-1 identifies antemortem injury in postmortem adult and fetal kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, F1637-F1643.  | 1.3 | 8         |
| 69 | The intensive care medicine agenda on acute kidney injury. <i>Intensive Care Medicine</i> , 2017, 43, 1198-1209.  | 3.9 | 83        |
| 70 | Circulating Modified Metabolites and a Risk of ESRD in Patients With Type 1 Diabetes and Chronic Kidney Disease. <i>Diabetes Care</i> , 2017, 40, 383-390.  | 4.3 | 88        |
| 71 | Acute kidney injury: a problem of definition. <i>Lancet, The</i> , 2017, 389, 779-781.  | 6.3 | 75        |
| 72 | Kidney Organoids: A Translational Journey. <i>Trends in Molecular Medicine</i> , 2017, 23, 246-263.   | 3.5 | 114       |

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|----|---|-----|-----------|
| 73 | Urine Kidney Injury Biomarkers and Risks of Cardiovascular Disease Events and All-Cause Death: The CRIC Study. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2017, 12, 761-771.    | 2.2 | 53        |
| 74 | CD74 Deficiency Mitigates Systemic Lupus Erythematosus-like Autoimmunity and Pathological Findings in Mice. <i>Journal of Immunology</i> , 2017, 198, 2568-2577.  | 0.4 | 13        |
| 75 | Improved clinical trial enrollment criterion to identify patients with diabetes at risk of end-stage renal disease. <i>Kidney International</i> , 2017, 92, 258-266.  | 2.6 | 38        |
| 76 | Global kidney health 2017 and beyond: a roadmap for closing gaps in care, research, and policy. <i>Lancet, The</i> , 2017, 390, 1888-1917.  | 6.3 | 662       |
| 77 | Cisplatin-induced renal inflammation is ameliorated by cilastatin nephroprotection. <i>Nephrology Dialysis Transplantation</i> , 2017, 32, 1645-1655.   | 0.4 | 57        |
| 78 | Generation of nephron progenitor cells and kidney organoids from human pluripotent stem cells. <i>Nature Protocols</i> , 2017, 12, 195-207.   | 5.5 | 160       |
| 79 | The establishment and validation of novel therapeutic targets to retard progression of chronic kidney disease. <i>Kidney International Supplements</i> , 2017, 7, 130-137.                                  | 4.6 | 8         |
| 80 | Cytosolic Phospholipase A <sub>2</sub> Promotes Pulmonary Inflammation and Systemic Disease during <i>Streptococcus pneumoniae</i> Infection. <i>Infection and Immunity</i> , 2017, 85, .                   | 1.0 | 32        |
| 81 | Neutrophil-Derived Cytosolic PLA <sub>2</sub> Contributes to Bacterial-Induced Neutrophil Transepithelial Migration. <i>Journal of Immunology</i> , 2017, 199, 2873-2884.                                   | 0.4 | 17        |
| 82 | Concise Review: Kidney Generation with Human Pluripotent Stem Cells. <i>Stem Cells</i> , 2017, 35, 2209-2217.   | 1.4 | 35        |
| 83 | Urine biomarkers of tubular injury do not improve the clinical model predicting chronic kidney disease progression. <i>Kidney International</i> , 2017, 91, 196-203.  | 2.6 | 85        |
| 84 | <i>Pseudomonas aeruginosa</i> ExoU augments neutrophil transepithelial migration. <i>PLoS Pathogens</i> , 2017, 13, e1006548.   | 2.1 | 16        |
| 85 | Repair after nephron ablation reveals limitations of neonatal nephrogenesis. <i>JCI Insight</i> , 2017, 2, e88848.  | 2.3 | 11        |
| 86 | Abstract P473: Group IV Cytosolic Phospholipase A <sub>2</sub> is Critical for Norepinephrine-Induced Hypertension. <i>Hypertension</i> , 2017, 70, .   | 1.3 | 0         |
| 87 | The Molecular Response to Renal Injury. , 2016, , 367-379.  |     | 3         |
| 88 | High-resolution renal perfusion mapping using contrast-enhanced ultrasonography in ischemia-reperfusion injury monitors changes in renal microperfusion. <i>Kidney International</i> , 2016, 89, 1388-1398. | 2.6 | 33        |
| 89 | <i>Clc12</i> is required for renal cystogenesis induced by <i>Pkd1</i> inactivation. <i>Journal of Cell Science</i> , 2016, 129, 3675-3684.   | 1.2 | 17        |
| 90 | Relationship of proximal tubular injury to chronic kidney disease as assessed by urinary kidney injury molecule-1 in five cohort studies. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, 1460-1470. | 0.4 | 45        |

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|-----|--|-----|-----------|
| 91  | Haptoglobin or Hemopexin Therapy Prevents Acute Adverse Effects of Resuscitation After Prolonged Storage of Red Cells. <i>Circulation</i> , 2016, 134, 945-960.  | 1.6 | 61        |
| 92  | Endothelial Glycocalyx: Not Just a Sugar Coat. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 390-393.   | 2.5 | 19        |
| 93  | G protein $\beta\gamma$ 12 is a negative regulator of kidney injury molecule-1-mediated efferocytosis. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, F607-F620.                          | 1.3 | 22        |
| 94  | A Role for 3D Printing in Kidney-on-a-Chip Platforms. <i>Current Transplantation Reports</i> , 2016, 3, 82-92.   | 0.9 | 39        |
| 95  | Acute Kidney Injury. <i>Annual Review of Medicine</i> , 2016, 67, 293-307.   | 5.0 | 537       |
| 96  | Cytosolic Phospholipase A <sub>2</sub> Is Essential for Renal Dysfunction and End-Organ Damage Associated With Angiotensin II-Induced Hypertension. <i>American Journal of Hypertension</i> , 2016, 29, 258-265. | 1.0 | 9         |
| 97  | Cytosolic phospholipase A <sub>2</sub> regulates G <sub>1</sub> progression through modulating FOXO1 activity. <i>FASEB Journal</i> , 2016, 30, 1155-1170.   | 0.2 | 26        |
| 98  | Fibroblast growth factor 23 levels are elevated and associated with severe acute kidney injury and death following cardiac surgery. <i>Kidney International</i> , 2016, 89, 939-948.                             | 2.6 | 71        |
| 99  | Acute kidney injury and chronic kidney disease: From the laboratory to the clinic. <i>Nephrologie Et Therapeutique</i> , 2016, 12, S41-S48.  | 0.2 | 96        |
| 100 | Mammalian Target of Rapamycin Mediates Kidney Injury Molecule 1-Dependent Tubule Injury in a Surrogate Model. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 1943-1957.                  | 3.0 | 34        |
| 101 | Increased plasma kidney injury molecule-1 suggests early progressive renal decline in non-proteinuric patients with type 1 diabetes. <i>Kidney International</i> , 2016, 89, 459-467.                            | 2.6 | 101       |
| 102 | Progression after AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 687-697.   | 3.0 | 351       |
| 103 | ADAM17 substrate release in proximal tubule drives kidney fibrosis. <i>JCI Insight</i> , 2016, 1, .  | 2.3 | 96        |
| 104 | The Prostaglandin E <sub>2</sub> -EP <sub>3</sub> Receptor Axis Regulates Anaplasma phagocytophilum-Mediated NLRC4 Inflammasome Activation. <i>PLoS Pathogens</i> , 2016, 12, e1005803.                          | 2.1 | 31        |
| 105 | Circulating Kidney Injury Molecule 1 Predicts Prognosis and Poor Outcome in Patients With Acetaminophen-Induced Liver Injury. <i>Hepatology</i> , 2015, 62, 591-599.   | 3.6 | 24        |
| 106 | Meclizine Preconditioning Protects the Kidney Against Ischemia-Induced Reperfusion Injury. <i>EBioMedicine</i> , 2015, 2, 1090-1101.   | 2.7 | 32        |
| 107 | KIM-1-mediated phagocytosis links ATG5-dependent clearance of apoptotic cells to antigen presentation. <i>EMBO Journal</i> , 2015, 34, 2441-2464.  | 3.5 | 76        |
| 108 | RGS4 inhibits angiotensin II signaling and macrophage localization during renal reperfusion injury independent of vasospasm. <i>Kidney International</i> , 2015, 87, 771-783.                                    | 2.6 | 15        |

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|-----|--|-----|-----------|
| 109 | Cytosolic Phospholipase A <sub>2</sub> Is Critical for Angiotensin II-Induced Hypertension and Associated Cardiovascular Pathophysiology. <i>Hypertension</i> , 2015, 65, 784-792.   | 1.3 | 19        |
| 110 | Mechanisms of maladaptive repair after AKI leading to accelerated kidney ageing and CKD. <i>Nature Reviews Nephrology</i> , 2015, 11, 264-276.   | 4.1 | 574       |
| 111 | Regulatory mechanisms of anthrax toxin receptor 1-dependent vascular and connective tissue homeostasis. <i>Matrix Biology</i> , 2015, 42, 56-73.   | 1.5 | 27        |
| 112 | Polycystin-1 and G12 regulate the cleavage of E-cadherin in kidney epithelial cells. <i>Physiological Genomics</i> , 2015, 47, 24-32.  | 1.0 | 18        |
| 113 | Can remote ischaemic preconditioning prevent AKI?. <i>Nature Reviews Nephrology</i> , 2015, 11, 512-513.   | 4.1 | 6         |
| 114 | Cross-Disciplinary Biomarkers Research. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015, 10, 894-902.  | 2.2 | 24        |
| 115 | Modelling kidney disease with CRISPR-mutant kidney organoids derived from human pluripotent epiblast spheroids. <i>Nature Communications</i> , 2015, 6, 8715.  | 5.8 | 571       |
| 116 | Urinary kidney injury molecule-1 and monocyte chemotactic protein-1 are noninvasive biomarkers of cisplatin-induced nephrotoxicity in lung cancer patients. <i>Cancer Chemotherapy and Pharmacology</i> , 2015, 76, 989-996. | 1.1 | 70        |
| 117 | Nephron organoids derived from human pluripotent stem cells model kidney development and injury. <i>Nature Biotechnology</i> , 2015, 33, 1193-1200.  | 9.4 | 694       |
| 118 | Group IVA Cytosolic Phospholipase A <sub>2</sub> Regulates the G <sub>2</sub> -to-M Transition by Modulating the Activity of Tumor Suppressor SIRT2. <i>Molecular and Cellular Biology</i> , 2015, 35, 3768-3784.            | 1.1 | 19        |
| 119 | Cell cycle arrest and the evolution of chronic kidney disease from acute kidney injury. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, 575-583.  | 0.4 | 156       |
| 120 | KIM-1-mediated phagocytosis reduces acute injury to the kidney. <i>Journal of Clinical Investigation</i> , 2015, 125, 1620-1636.   | 3.9 | 259       |
| 121 | KIM-1/TIM-1 in proximal tubular cell immune response. <i>Oncotarget</i> , 2015, 6, 44059-44060.  | 0.8 | 16        |
| 122 | The Aging Kidney: Increased Susceptibility to Nephrotoxicity. <i>International Journal of Molecular Sciences</i> , 2014, 15, 15358-15376.  | 1.8 | 101       |
| 123 | Primary proximal tubule injury leads to epithelial cell cycle arrest, fibrosis, vascular rarefaction, and glomerulosclerosis. <i>Kidney International Supplements</i> , 2014, 4, 39-44.                                      | 4.6 | 78        |
| 124 | Reference intervals for urinary renal injury biomarkers KIM-1 and NGAL in healthy children. <i>Biomarkers in Medicine</i> , 2014, 8, 1189-1197.  | 0.6 | 50        |
| 125 | Accelerated receptor shedding inhibits kidney injury molecule-1 (KIM-1)-mediated efferocytosis. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, F205-F221.   | 1.3 | 28        |
| 126 | Stigmata of death: for kidneys and patients. <i>Nephrology Dialysis Transplantation</i> , 2014, 29, 1797-1798.   | 0.4 | 0         |



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|-----|---|-----|-----------|
| 127 | The Kidney Disease Screening and Awareness Program (KDSAP): A Novel Translatable Model for Increasing Interest in Nephrology Careers. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 1909-1915.                               | 3.0 | 15        |
| 128 | Pathophysiology of Acute Kidney Injury. , 2014, , 288-293.  |     | 0         |
| 129 | Maladaptive Proximal Tubule Repair: Cell Cycle Arrest. <i>Nephron Clinical Practice</i> , 2014, 127, 61-64.   | 2.3 | 63        |
| 130 | Directed Differentiation of Pluripotent Stem Cells to Kidney Cells. <i>Seminars in Nephrology</i> , 2014, 34, 445-461.  | 0.6 | 38        |
| 131 | Blood Kidney Injury Molecule-1 Is a Biomarker of Acute and Chronic Kidney Injury and Predicts Progression to ESRD in Type I Diabetes. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 2177-2186.                               | 3.0 | 341       |
| 132 | Positive effects of a novel non-peptidyl low molecular weight radical scavenger in renal ischemia/reperfusion: a preliminary report. <i>SpringerPlus</i> , 2014, 3, 158.  | 1.2 | 6         |
| 133 | Uremic solutes and risk of end-stage renal disease in type 2 diabetes: metabolomic study. <i>Kidney International</i> , 2014, 85, 1214-1224.  | 2.6 | 182       |
| 134 | Serine hydrolase inhibitors block necrotic cell death by preventing calcium overload of the mitochondria and permeability transition pore formation (756.2). <i>FASEB Journal</i> , 2014, 28, 756.2.  | 0.2 | 0         |
| 135 | Haptoglobin Therapy Prevents Kidney Injury in Stored Blood Resuscitation of Murine Hemorrhagic Shock. <i>Blood</i> , 2014, 124, 761-761.  | 0.6 | 4         |
| 136 | Urinary chemokine (C-C motif) ligand 2 (monocyte chemoattractant protein-1) as a tubular injury marker for early detection of cisplatin-induced nephrotoxicity. <i>Biochemical Pharmacology</i> , 2013, 85, 570-582.                                  | 2.0 | 30        |
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