

M Van Meurs

List of Publications by Year in Descending Order

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

89
papers

1,553
citations

21
h-index

35
g-index

98
ext. papers

1,940
ext. citations

6.1
avg, IF

4.7
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 89 | Immune Modulatory Effects of Nonsteroidal Anti-inflammatory Drugs in the Perioperative Period and Their Consequence on Postoperative Outcome.. <i>Anesthesiology</i> , 2022 , | 4.3 | 3 |
| 88 | Renal microvascular endothelial cell responses in sepsis-induced acute kidney injury. <i>Nature Reviews Nephrology</i> , 2021 , | 14.9 | 5 |
| 87 | Intra-abdominal hypertension and abdominal compartment syndrome in critically ill patients: A narrative review of past, present, and future steps. <i>Scandinavian Journal of Surgery</i> , 2021 , 14574969211030128 ¹ | 3.1 | 0 |
| 86 | The effect of targeting Tie2 on hemorrhagic shock-induced renal perfusion disturbances in rats. <i>Intensive Care Medicine Experimental</i> , 2021 , 9, 23 | 3.7 | 0 |
| 85 | Comparison of renal histopathology and gene expression profiles between severe COVID-19 and bacterial sepsis in critically ill patients. <i>Critical Care</i> , 2021 , 25, 202 | 10.8 | 4 |
| 84 | Preservation of renal endothelial integrity and reduction of renal edema by aprotinin does not preserve renal perfusion and function following experimental cardiopulmonary bypass. <i>Intensive Care Medicine Experimental</i> , 2021 , 9, 30 | 3.7 | |
| 83 | Post-Mortem Diagnostics in COVID-19 AKI, More Often but Timely. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 , 32, 255 | 12.7 | 3 |
| 82 | Sepsis is associated with mitochondrial DNA damage and a reduced mitochondrial mass in the kidney of patients with sepsis-AKI. <i>Critical Care</i> , 2021 , 25, 36 | 10.8 | 14 |
| 81 | Pharmacological inhibition of focal adhesion kinase 1 (FAK1) and anaplastic lymphoma kinase (ALK) identified via kinome profile analysis attenuates lipopolysaccharide-induced endothelial inflammatory activation. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 133, 111073 | 7.5 | 2 |
| 80 | Role of endothelial microRNA 155 on capillary leakage in systemic inflammation. <i>Critical Care</i> , 2021 , 25, 76 | 10.8 | 1 |
| 79 | DAMPening COVID-19 Severity by Attenuating Danger Signals. <i>Frontiers in Immunology</i> , 2021 , 12, 720198.4 | 3.4 | 4 |
| 78 | Requirement of respiratory support in acute bronchiolitis in infants is linked to endothelial and neutrophil activation. <i>Pediatric Pulmonology</i> , 2021 , 56, 3908-3915 | 3.5 | 0 |
| 77 | Plausibility Limits Imagination. <i>Critical Care Medicine</i> , 2021 , 49, e1047 | 1.4 | 1 |
| 76 | Plasma from patients undergoing coronary artery bypass graft surgery does not activate endothelial cells under shear stress. <i>International Journal of Critical Illness and Injury Science</i> , 2021 , 11, 142-150 | 0.7 | |
| 75 | A Method to Improve Continuous Renal Replacement Therapy Circuit Survival Time in Critically Ill Coronavirus Disease 2019 Patients With Acute Kidney Injury 2020 , 2, e0258 | | 2 |
| 74 | Kidney Infarction in Patients With COVID-19. <i>American Journal of Kidney Diseases</i> , 2020 , 76, 431-435 | 7.4 | 43 |
| 73 | AKI: an enlightening acronym with a shadow side. <i>Kidney International</i> , 2020 , 97, 1301 | 9.9 | 1 |

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| 72 | Plasma neutrophil gelatinase-associated lipocalin at intensive care unit admission as a predictor of acute kidney injury progression. <i>CKJ: Clinical Kidney Journal</i> , 2020 , 13, 994-1002 | 4.5 | 5 |
| 71 | Intra-abdominal hypertension and abdominal compartment syndrome in patients admitted to the ICU. <i>Annals of Intensive Care</i> , 2020 , 10, 130 | 8.9 | 4 |
| 70 | Neutrophil-endothelial interactions in respiratory syncytial virus bronchiolitis: An understudied aspect with a potential for prediction of severity of disease. <i>Journal of Clinical Virology</i> , 2020 , 123, 104258 | 14.5 | 10 |
| 69 | Leptin levels in SARS-CoV-2 infection related respiratory failure: A cross-sectional study and a pathophysiological framework on the role of fat tissue. <i>Heliyon</i> , 2020 , 6, e04696 | 3.6 | 37 |
| 68 | Severe mesenteric ischemia with multiple organ failure in a patient previously treated with a humanized monoclonal antibody against programmed death receptor-1 (pembrolizumab), a case of pembrolizumab associated catastrophic antiphospholipid syndrome?. <i>SAGE Open Medical Case Reports</i> , 2020 , 8, 2050313X20972225 | 0.7 | 2 |
| 67 | Acute Kidney Injury is Associated with Lowered Plasma-Free Thiol Levels. <i>Antioxidants</i> , 2020 , 9, | 7.1 | 4 |
| 66 | Bundled care in acute kidney injury in critically ill patients, a before-after educational intervention study. <i>BMC Nephrology</i> , 2020 , 21, 381 | 2.7 | 1 |
| 65 | Identification of LPS-Activated Endothelial Subpopulations With Distinct Inflammatory Phenotypes and Regulatory Signaling Mechanisms. <i>Frontiers in Immunology</i> , 2019 , 10, 1169 | 8.4 | 20 |
| 64 | Rapid free thiol rebound is a physiological response following cold-induced vasoconstriction in healthy humans, primary Raynaud and systemic sclerosis. <i>Physiological Reports</i> , 2019 , 7, e14017 | 2.6 | 7 |
| 63 | Partial Deletion of Tie2 Affects Microvascular Endothelial Responses to Critical Illness in A Vascular Bed and Organ-Specific Way. <i>Shock</i> , 2019 , 51, 757-769 | 3.4 | 7 |
| 62 | Identifying Sepsis Phenotypes. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 1416 | 27.4 | 4 |
| 61 | Markers of endothelial cell activation in suspected late onset neonatal sepsis in Surinamese newborns: a pilot study. <i>Translational Pediatrics</i> , 2019 , 8, 412-418 | 4.2 | 6 |
| 60 | Commentary: Precision Immunotherapy for Sepsis. <i>Frontiers in Immunology</i> , 2019 , 10, 20 | 8.4 | 1 |
| 59 | Heterogenous Renal Injury Biomarker Production Reveals Human Sepsis-Associated Acute Kidney Injury Subtypes 2019 , 1, e0047 | | 2 |
| 58 | Metabolic Resuscitation Strategies to Prevent Organ Dysfunction in Sepsis. <i>Antioxidants and Redox Signaling</i> , 2019 , 31, 134-152 | 8.4 | 12 |
| 57 | Early Heterogenic Response of Renal Microvasculature to Hemorrhagic Shock/Resuscitation and the Influence of NF- κ B Pathway Blockade. <i>Shock</i> , 2019 , 51, 200-212 | 3.4 | 6 |
| 56 | Prehospital antibiotics for sepsis: beyond mortality?. <i>Lancet Respiratory Medicine</i> , 2018 , 6, e8 | 35.1 | 5 |
| 55 | Sepsis patients in the emergency department: stratification using the Clinical Impression Score, Predisposition, Infection, Response and Organ dysfunction score or quick Sequential Organ Failure Assessment score?. <i>European Journal of Emergency Medicine</i> , 2018 , 25, 328-334 | 2.3 | 32 |

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| 54 | Vasculotide, an Angiotensin-1 Mimetic, Restores Microcirculatory Perfusion and Microvascular Leakage and Decreases Fluid Resuscitation Requirements in Hemorrhagic Shock. <i>Anesthesiology</i> , 2018 , 128, 361-374 | 4.3 | 21 |
| 53 | Endothelium-targeted delivery of dexamethasone by anti-VCAM-1 SAINT-O-Somes in mouse endotoxemia. <i>PLoS ONE</i> , 2018 , 13, e0196976 | 3.7 | 14 |
| 52 | Repeated vital sign measurements in the emergency department predict patient deterioration within 72 hours: a prospective observational study. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2018 , 26, 57 | 3.6 | 13 |
| 51 | Reduction of vascular leakage by imatinib is associated with preserved microcirculatory perfusion and reduced renal injury markers in a rat model of cardiopulmonary bypass. <i>British Journal of Anaesthesia</i> , 2018 , 120, 1165-1175 | 5.4 | 13 |
| 50 | Molecular Regulation of Acute Tie2 Suppression in Sepsis. <i>Critical Care Medicine</i> , 2018 , 46, e928-e936 | 1.4 | 9 |
| 49 | Renal Klotho is Reduced in Septic Patients and Pretreatment With Recombinant Klotho Attenuates Organ Injury in Lipopolysaccharide-Challenged Mice. <i>Critical Care Medicine</i> , 2018 , 46, e1196-e1203 | 1.4 | 15 |
| 48 | Serum concentrations of endothelial cell adhesion molecules and their shedding enzymes and early onset sepsis in newborns in Suriname. <i>BMJ Paediatrics Open</i> , 2018 , 2, e000312 | 2.4 | 7 |
| 47 | Kidney histopathology in lethal human sepsis. <i>Critical Care</i> , 2018 , 22, 359 | 10.8 | 47 |
| 46 | Vasculotide, an angiotensin-1 mimetic, reduces pulmonary vascular leakage and preserves microcirculatory perfusion during cardiopulmonary bypass in rats. <i>British Journal of Anaesthesia</i> , 2018 , 121, 1041-1051 | 5.4 | 19 |
| 45 | Incidence, timing and outcome of AKI in critically ill patients varies with the definition used and the addition of urine output criteria. <i>BMC Nephrology</i> , 2017 , 18, 70 | 2.7 | 102 |
| 44 | Organ-Specific Differences in Endothelial Permeability-Regulating Molecular Responses in Mouse and Human Sepsis. <i>Shock</i> , 2017 , 48, 69-77 | 3.4 | 35 |
| 43 | There Are More Things in Heaven and Earth, Horatio, Than Are Dreamt of in Our Philosophy. <i>Critical Care Medicine</i> , 2017 , 45, e740 | 1.4 | 1 |
| 42 | Low Serum Angiotensin-1, High Serum Angiotensin-2, and High Ang-2/Ang-1 Protein Ratio are Associated with Early Onset Sepsis in Surinamese Newborns. <i>Shock</i> , 2017 , 48, 638-643 | 3.4 | 14 |
| 41 | Naming and Blaming, SIRS-UO. <i>Chest</i> , 2017 , 151, 723-724 | 5.3 | |
| 40 | Protocol of the sepsivit study: a prospective observational study to determine whether continuous heart rate variability measurement during the first 48 hours of hospitalisation provides an early warning for deterioration in patients presenting with infection or sepsis to the emergency department of a Dutch academic teaching hospital. <i>BMJ Open</i> , 2017 , 7, e018259 | 3 | 7 |
| 39 | Endothelial Interferon Regulatory Factor 1 Regulates Lipopolysaccharide-Induced VCAM-1 Expression Independent of NFB. <i>Journal of Innate Immunity</i> , 2017 , 9, 546-560 | 6.9 | 13 |
| 38 | Human alternative Klotho mRNA is a nonsense-mediated mRNA decay target inefficiently spliced in renal disease. <i>JCI Insight</i> , 2017 , 2, | 9.9 | 39 |
| 37 | How central obesity influences intra-abdominal pressure: a prospective, observational study in cardiothoracic surgical patients. <i>Annals of Intensive Care</i> , 2016 , 6, 99 | 8.9 | 24 |

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| 36 | Impaired microcirculatory perfusion in a rat model of cardiopulmonary bypass: the role of hemodilution. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 310, H550-8 | 5.2 | 19 |
| 35 | Biomarkers or Clinical Observations to Identify (Outcome of) Emergency Department Patients With Infection?. <i>Shock</i> , 2016 , 46, 108 | 3.4 | 1 |
| 34 | Trends in vital signs and routine biomarkers in patients with sepsis during resuscitation in the emergency department: a prospective observational pilot study. <i>BMJ Open</i> , 2016 , 6, e009718 | 3 | 13 |
| 33 | Intra-Abdominal Pressure, Acute Kidney Injury, and Obesity in Critical Illness. <i>Critical Care Medicine</i> , 2016 , 44, e766-7 | 1.4 | 2 |
| 32 | Intracellular RIG-I Signaling Regulates TLR4-Independent Endothelial Inflammatory Responses to Endotoxin. <i>Journal of Immunology</i> , 2016 , 196, 4681-91 | 5.3 | 25 |
| 31 | Histone Deacetylase Inhibition and I κ B Kinase/Nuclear Factor- κ B Blockade Ameliorate Microvascular Proinflammatory Responses Associated With Hemorrhagic Shock/Resuscitation in Mice. <i>Critical Care Medicine</i> , 2015 , 43, e567-80 | 1.4 | 12 |
| 30 | Trends in vital signs and routine biomarkers in sepsis patients during resuscitation in the emergency department: a prospective observational pilot study. <i>Intensive Care Medicine Experimental</i> , 2015 , 3, | 3.7 | 78 |
| 29 | Angiopietin/Tie2 Dysbalance Is Associated with Acute Kidney Injury after Cardiac Surgery Assisted by Cardiopulmonary Bypass. <i>PLoS ONE</i> , 2015 , 10, e0136205 | 3.7 | 23 |
| 28 | Response to Tenner et al. <i>American Journal of Gastroenterology</i> , 2014 , 109, 443 | 0.7 | |
| 27 | The renal angiotensin/Tie2 system in lethal human sepsis. <i>Critical Care</i> , 2014 , 18, 423 | 10.8 | 17 |
| 26 | Augmented renal clearance in critically ill: advantage or threat. <i>Critical Care Medicine</i> , 2014 , 42, e602 | 1.4 | 1 |
| 25 | Abrupt reflow enhances cytokine-induced proinflammatory activation of endothelial cells during simulated shock and resuscitation. <i>Shock</i> , 2014 , 42, 356-64 | 3.4 | 18 |
| 24 | Off-pump CABG surgery reduces systemic inflammation compared with on-pump surgery but does not change systemic endothelial responses: a prospective randomized study. <i>Shock</i> , 2014 , 42, 121-8 | 3.4 | 39 |
| 23 | The flow dependency of Tie2 expression in endotoxemia. <i>Intensive Care Medicine</i> , 2013 , 39, 1262-71 | 14.5 | 34 |
| 22 | Pleiotropic effects of angiotensin-2 deficiency do not protect mice against endotoxin-induced acute kidney injury. <i>Nephrology Dialysis Transplantation</i> , 2013 , 28, 567-75 | 4.3 | 16 |
| 21 | A human model of intra-abdominal hypertension: even slightly elevated pressures lead to increased acute systemic inflammation and signs of acute kidney injury. <i>Critical Care</i> , 2013 , 17, 425 | 10.8 | 15 |
| 20 | Peripherally inserted central catheters: a walk down memory lane. <i>Critical Care</i> , 2012 , 16, 418; author reply 418 | 10.8 | 4 |
| 19 | Preventable mortality evaluation in the ICU. <i>Critical Care</i> , 2012 , 16, 309 | 10.8 | 11 |

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| 18 | Indoleamine-2,3-dioxygenase activity in experimental human endotoxemia. <i>Experimental & Translational Stroke Medicine</i> , 2012 , 4, 24 | | 9 |
| 17 | A 28-year-old man with air in the mediastinal space after a car accident. <i>Anesthesiology</i> , 2012 , 117, 878 | 4.3 | 1 |
| 16 | MicroRNA-126 contributes to renal microvascular heterogeneity of VCAM-1 protein expression in acute inflammation. <i>American Journal of Physiology - Renal Physiology</i> , 2012 , 302, F1630-9 | 4.3 | 81 |
| 15 | Burnout or built in?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 185, 787-8; author reply 788-9 | 10.2 | |
| 14 | Adiponectin diminishes organ-specific microvascular endothelial cell activation associated with sepsis. <i>Shock</i> , 2012 , 37, 392-8 | 3.4 | 18 |
| 13 | Age-dependent role of microvascular endothelial and polymorphonuclear cells in lipopolysaccharide-induced acute kidney injury. <i>Anesthesiology</i> , 2012 , 117, 126-36 | 4.3 | 20 |
| 12 | Acute administration of recombinant Angiotensin-1 ameliorates multiple-organ dysfunction syndrome and improves survival in murine sepsis. <i>Cytokine</i> , 2011 , 55, 251-9 | 4 | 68 |
| 11 | Hemorrhagic shock-induced endothelial cell activation in a spontaneous breathing and a mechanical ventilation hemorrhagic shock model is induced by a proinflammatory response and not by hypoxia. <i>Anesthesiology</i> , 2011 , 115, 474-82 | 4.3 | 13 |
| 10 | Angiotensin-1 treatment reduces inflammation but does not prevent ventilator-induced lung injury. <i>PLoS ONE</i> , 2010 , 5, e15653 | 3.7 | 27 |
| 9 | Leptin exacerbates sepsis-mediated morbidity and mortality. <i>Journal of Immunology</i> , 2010 , 185, 517-24 | 5.3 | 51 |
| 8 | Does low angiotensin-1 predict adverse outcome in sepsis?. <i>Critical Care</i> , 2010 , 14, 180 | 10.8 | 11 |
| 7 | Shock-induced stress induces loss of microvascular endothelial Tie2 in the kidney which is not associated with reduced glomerular barrier function. <i>American Journal of Physiology - Renal Physiology</i> , 2009 , 297, F272-81 | 4.3 | 42 |
| 6 | Bench-to-bedside review: Angiotensin signalling in critical illness - a future target?. <i>Critical Care</i> , 2009 , 13, 207 | 10.8 | 84 |
| 5 | Time course of angiotensin-2 release during experimental human endotoxemia and sepsis. <i>Critical Care</i> , 2009 , 13, R64 | 10.8 | 74 |
| 4 | Disseminated <i>Rhodococcus equi</i> infection in a kidney transplant patient without initial pulmonary involvement. <i>Diagnostic Microbiology and Infectious Disease</i> , 2009 , 65, 427-30 | 2.9 | 12 |
| 3 | Reticulocyte counts and their relation to hemoglobin levels in trauma patients. <i>Journal of Trauma</i> , 2009 , 67, 121-4 | | 4 |
| 2 | Adjunct nitrous oxide normalizes vascular reactivity changes after hemorrhagic shock in mice under isoflurane anesthesia. <i>Anesthesiology</i> , 2009 , 111, 600-8 | 4.3 | 14 |
| 1 | Early organ-specific endothelial activation during hemorrhagic shock and resuscitation. <i>Shock</i> , 2008 , 29, 291-9 | 3.4 | 52 |

