

Reitze Nils Rodseth

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

9,034
citations

94381

37
h-index

40954

93
g-index

127
all docs

127
docs citations

127
times ranked

7974
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship between Intraoperative Mean Arterial Pressure and Clinical Outcomes after Noncardiac Surgery. <i>Anesthesiology</i> , 2013, 119, 507-515.	1.3	1,107
2	Association Between Postoperative Troponin Levels and 30-Day Mortality Among Patients Undergoing Noncardiac Surgery. <i>JAMA - Journal of the American Medical Association</i> , 2012, 307, 2295.	3.8	821
3	Myocardial Injury after Noncardiac Surgery. <i>Anesthesiology</i> , 2014, 120, 564-578.	1.3	740
4	Aspirin in Patients Undergoing Noncardiac Surgery. <i>New England Journal of Medicine</i> , 2014, 370, 1494-1503.	13.9	735
5	Association of Postoperative High-Sensitivity Troponin Levels With Myocardial Injury and 30-Day Mortality Among Patients Undergoing Noncardiac Surgery. <i>JAMA - Journal of the American Medical Association</i> , 2017, 317, 1642.	3.8	579
6	Perioperative patient outcomes in the African Surgical Outcomes Study: a 7-day prospective observational cohort study. <i>Lancet, The</i> , 2018, 391, 1589-1598.	6.3	373
7	The endothelial glycocalyx: a review of the vascular barrier. <i>Anaesthesia</i> , 2014, 69, 777-784.	1.8	337
8	Clonidine in Patients Undergoing Noncardiac Surgery. <i>New England Journal of Medicine</i> , 2014, 370, 1504-1513.	13.9	285
9	The Prognostic Value of Pre-Operative and Post-Operative B-Type Natriuretic Peptides in Patients Undergoing Noncardiac Surgery. <i>Journal of the American College of Cardiology</i> , 2014, 63, 170-180.	1.2	270
10	Effects of dexamethasone as a local anaesthetic adjuvant for brachial plexus block: a systematic review and meta-analysis of randomized trials. <i>British Journal of Anaesthesia</i> , 2014, 112, 427-439.	1.5	249
11	Dabigatran in patients with myocardial injury after non-cardiac surgery (MANAGE): an international, randomised, placebo-controlled trial. <i>Lancet, The</i> , 2018, 391, 2325-2334.	6.3	236
12	Period-dependent Associations between Hypotension during and for Four Days after Noncardiac Surgery and a Composite of Myocardial Infarction and Death. <i>Anesthesiology</i> , 2018, 128, 317-327.	1.3	200
13	Preoperative Score to Predict Postoperative Mortality (POSPOM). <i>Anesthesiology</i> , 2016, 124, 570-579.	1.3	153
14	A Prospective International Multicentre Cohort Study of Intraoperative Heart Rate and Systolic Blood Pressure and Myocardial Injury After Noncardiac Surgery: Results of the VISION Study. <i>Anesthesia and Analgesia</i> , 2018, 126, 1936-1945.	1.1	151
15	The Long-Term Impact of Early Cardiovascular Therapy Intensification for Postoperative Troponin Elevation After Major Vascular Surgery. <i>Anesthesia and Analgesia</i> , 2014, 119, 1053-1063.	1.1	144
16	The Predictive Ability of Pre-Operative B-Type Natriuretic Peptide in Vascular Patients for Major Adverse Cardiac Events. <i>Journal of the American College of Cardiology</i> , 2011, 58, 522-529.	1.2	130
17	Maternal and neonatal outcomes after caesarean delivery in the African Surgical Outcomes Study: a 7-day prospective observational cohort study. <i>The Lancet Global Health</i> , 2019, 7, e513-e522.	2.9	127
18	Randomized Evidence for Reduction of Perioperative Mortality. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2012, 26, 764-772.	0.6	116

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19	A meta-analysis of the utility of preoperative brain natriuretic peptide in predicting early and intermediate-term mortality and major adverse cardiac events in vascular surgical patients. <i>Anaesthesia</i> , 2008, 63, 1226-1233.	1.8	113
20	Preoperative N-Terminal Pro-B-Type Natriuretic Peptide and Cardiovascular Events After Noncardiac Surgery. <i>Annals of Internal Medicine</i> , 2020, 172, 96.	2.0	99
21	Accelerated care versus standard care among patients with hip fracture: the HIP ATTACK pilot trial. <i>Cmaj</i> , 2014, 186, E52-E60.	0.9	92
22	The surgical safety checklist and patient outcomes after surgery: a prospective observational cohort study, systematic review and meta-analysis. <i>British Journal of Anaesthesia</i> , 2018, 120, 146-155.	1.5	92
23	Postoperative B-type Natriuretic Peptide for Prediction of Major Cardiac Events in Patients Undergoing Noncardiac Surgery. <i>Anesthesiology</i> , 2013, 119, 270-283.	1.3	87
24	High sensitivity troponin T concentrations in patients undergoing noncardiac surgery: A prospective cohort study. <i>Clinical Biochemistry</i> , 2011, 44, 1021-1024.	0.8	84
25	Comparison of hydroxyethyl starch colloids with crystalloids for surgical patients. <i>European Journal of Anaesthesiology</i> , 2016, 33, 42-48.	0.7	81
26	The incidence and outcomes of acute kidney injury amongst patients admitted to a level I trauma unit. <i>Injury</i> , 2014, 45, 259-264.	0.7	77
27	Mortality reduction in cardiac anesthesia and intensive care: results of the first International Consensus Conference. <i>Acta Anaesthesiologica Scandinavica</i> , 2011, 55, 259-266.	0.7	76
28	Outcomes in vascular surgical patients with isolated postoperative troponin leak: a meta-analysis. <i>Anaesthesia</i> , 2011, 66, 604-610.	1.8	73
29	Reducing Mortality in Acute Kidney Injury Patients: Systematic Review and International Web-Based Survey. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2013, 27, 1384-1398.	0.6	71
30	The pathophysiology of perioperative myocardial infarction. <i>Anaesthesia</i> , 2010, 65, 733-741.	1.8	68
31	What is the effectiveness of printed educational materials on primary care physician knowledge, behaviour, and patient outcomes: a systematic review and meta-analyses. <i>Implementation Science</i> , 2015, 10, 164.	2.5	67
32	Preoperative heart rate and myocardial injury after non-cardiac surgery: results of a predefined secondary analysis of the VISION study. <i>British Journal of Anaesthesia</i> , 2016, 117, 172-181.	1.5	66
33	The efficacy of perioperative interventions to decrease postoperative delirium in non-cardiac surgery: a systematic review and meta-analysis. <i>Anaesthesia</i> , 2014, 69, 259-269.	1.8	59
34	Association between preoperative pulse pressure and perioperative myocardial injury: an international observational cohort study of patients undergoing non-cardiac surgery. <i>British Journal of Anaesthesia</i> , 2017, 119, 78-86.	1.5	42
35	Blunt cardiac injury in critically ill trauma patients: A single centre experience. <i>Injury</i> , 2015, 46, 66-70.	0.7	41
36	A meta-analysis of the utility of C-reactive protein in predicting early, intermediate-term and long term mortality and major adverse cardiac events in vascular surgical patients. <i>Anaesthesia</i> , 2009, 64, 416-424.	1.8	39

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37	Reduced Incidence of Postoperative Nausea and Vomiting in Black South Africans and Its Utility for a Modified Risk Scoring System. <i>Anesthesia and Analgesia</i> , 2010, 110, 1591-1594.	1.1	39
38	The influence of clinical risk factors on preoperative B-type natriuretic peptide risk stratification of vascular surgical patients. <i>Anaesthesia</i> , 2012, 67, 55-59.	1.8	38
39	Utility of B-type natriuretic peptides in preeclampsia: a systematic review. <i>International Journal of Obstetric Anesthesia</i> , 2013, 22, 96-103.	0.2	38
40	Utility of clinical risk predictors for preoperative cardiovascular risk prediction. <i>British Journal of Anaesthesia</i> , 2011, 107, 133-143.	1.5	37
41	Humeral Stem Loosening Following Reverse Shoulder Arthroplasty. <i>JBJS Reviews</i> , 2018, 6, e5-e5.	0.8	36
42	B type natriuretic peptide – a diagnostic breakthrough in perioperative cardiac risk assessment?. <i>Anaesthesia</i> , 2009, 64, 165-178.	1.8	35
43	Cardiac biomarkers in the prediction of risk in the noncardiac surgery setting. <i>Anaesthesia</i> , 2014, 69, 484-493.	1.8	35
44	The Use of Preoperative B-Type Natriuretic Peptide as a Predictor of Atrial Fibrillation After Thoracic Surgery: Systematic Review and Meta-Analysis. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, 389-395.	0.6	33
45	Pre-treatment serum lactate dehydrogenase and alkaline phosphatase as predictors of metastases in extremity osteosarcoma. <i>Journal of Bone Oncology</i> , 2015, 4, 80-84.	1.0	31
46	A meta-analysis of the prospective randomised trials of coronary revascularisation before noncardiac vascular surgery with attention to the type of coronary revascularisation performed. <i>Anaesthesia</i> , 2009, 64, 1105-1113.	1.8	30
47	The ASOS Surgical Risk Calculator: development and validation of a tool for identifying African surgical patients at risk of severe postoperative complications. <i>British Journal of Anaesthesia</i> , 2018, 121, 1357-1363.	1.5	30
48	Rationale and design of the PeriOperative ISchemic Evaluation-2 (POISE-2) trial: An international 2 × 2 factorial randomized controlled trial of acetyl-salicylic acid vs placebo and clonidine vs placebo in patients undergoing noncardiac surgery. <i>American Heart Journal</i> , 2014, 167, 804-809.e4.	1.2	29
49	Heart rate variability as a predictor of hypotension following spinal for elective caesarean section: a prospective observational study. <i>Anaesthesia</i> , 2017, 72, 603-608.	1.8	29
50	Prophylactic Phenylephrine Infusions to Reduce Severe Spinal Anesthesia Hypotension During Cesarean Delivery in a Resource-Constrained Environment. <i>Anesthesia and Analgesia</i> , 2017, 125, 904-906.	1.1	29
51	Postoperative continuous positive airway pressure to prevent pneumonia, re-intubation, and death after major abdominal surgery (PRISM): a multicentre, open-label, randomised, phase 3 trial. <i>Lancet Respiratory Medicine</i> , 2021, 9, 1221-1230.	5.2	29
52	South African Paediatric Surgical Outcomes Study: a 14-day prospective, observational cohort study of paediatric surgical patients. <i>British Journal of Anaesthesia</i> , 2019, 122, 224-232.	1.5	26
53	B-type natriuretic peptide following thoracic surgery: a predictor of postoperative cardiopulmonary complications. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 46, e74-e80.	0.6	25
54	Design of a Randomized Placebo-Controlled Trial to Assess Dabigatran and Omeprazole in Patients with Myocardial Injury after Noncardiac Surgery (MANAGE). <i>Canadian Journal of Cardiology</i> , 2018, 34, 295-302.	0.8	25

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55	Ventricular septal defect following blunt chest trauma. <i>Journal of Emergencies, Trauma and Shock</i> , 2012, 5, 184.	0.3	24
56	Severe blunt thoracic trauma: Differences between adults and children in a level 1 trauma centre. <i>South African Medical Journal</i> , 2014, 105, 47.	0.2	24
57	Prophylactic antibiotic regimens in tumour surgery (PARITY). <i>Bone and Joint Research</i> , 2015, 4, 154-162.	1.3	23
58	Awareness and knowledge of intra-abdominal hypertension and abdominal compartment syndrome: results of a repeat, international, cross-sectional survey. <i>Anesthesiology Intensive Therapy</i> , 2019, 51, 186-199.	0.4	22
59	Early fracture stabilisation in the presence of subclinical hypoperfusion. <i>Injury</i> , 2013, 44, 217-220.	0.7	21
60	Colchicine for Prevention of Perioperative Atrial Fibrillation in patients undergoing lung resection surgery: a pilot randomized controlled study. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, 945-951.	0.6	21
61	What evidence is there for intraoperative predictors of perioperative cardiac outcomes? A systematic review. <i>Perioperative Medicine (London, England)</i> , 2013, 2, 14.	0.6	20
62	<i>N</i>-terminal pro-B-type Natriuretic Peptides™ Prognostic Utility Is Overestimated in Meta-analyses Using Study-specific Optimal Diagnostic Thresholds. <i>Anesthesiology</i> , 2015, 123, 264-271.	1.3	19
63	The role of non-invasive ventilation in blunt chest trauma: systematic review and meta-analysis. <i>European Journal of Trauma and Emergency Surgery</i> , 2014, 40, 553-559.	0.8	18
64	Vasoconstrictor clays in burn surgery and its impact on outcomes: Systematic review and meta-analysis. <i>Burns</i> , 2015, 41, 1140-1146.	1.1	17
65	Predicting the occurrence of major adverse cardiac events within 30 days of a vascular surgery: an empirical comparison of the minimum p value method and ROC curve approach using individual patient data meta-analysis. <i>SpringerPlus</i> , 2016, 5, 304.	1.2	15
66	Relationship Between Intraoperative Mean Arterial Pressure and Clinical Outcomes After Noncardiac Surgery. <i>Survey of Anesthesiology</i> , 2014, 58, 184-185.	0.1	13
67	Obstetric spinal hypotension: Preoperative risk factors and the development of a preliminary risk score – the PRAM score. <i>South African Medical Journal</i> , 2017, 107, 1127.	0.2	12
68	Posttraumatic intrahepatic pseudoaneurysm in a child managed by coil angioembolization: a case report and literature review. <i>Journal of Pediatric Surgery</i> , 2010, 45, e1-e3.	0.8	10
69	Recipes for obstetric spinal hypotension: The clinical context counts. <i>South African Medical Journal</i> , 2016, 106, 861.	0.2	10
70	Outcomes 30 days after ICU admission: the 30DOS study. <i>Southern African Journal of Anaesthesia and Analgesia</i> , 2017, 23, 139-144.	0.1	8
71	The incidence and predictors of hypoxaemia during induction of general anaesthesia for caesarean delivery in two South African hospitals : a prospective, observational, dual-centre study. <i>Southern African Journal of Anaesthesia and Analgesia</i> , 2020, 26, 183-187.	0.1	8
72	Review: Perioperative statins reduce perioperative MI and AF in statin-naïve patients. <i>Annals of Internal Medicine</i> , 2012, 156, JC6.	2.0	7

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73	The role of dexamethasone in peripheral and neuraxial nerve blocks for the management of acute pain. Southern African Journal of Anaesthesia and Analgesia, 2016, 22, 163-169.	0.1	7
74	Heart rate variability predicts 30-day all-cause mortality in intensive care units. Southern African Journal of Anaesthesia and Analgesia, 2016, 22, 125-128.	0.1	7
75	Hypotension during spinal anaesthesia for Caesarean section in a resource-limited setting: towards a consensus definition. Southern African Journal of Anaesthesia and Analgesia, 2019, 25, 1-5.	0.1	7
76	A meta-analysis of intraoperative factors associated with postoperative cardiac complications. Southern African Journal of Anaesthesia and Analgesia, 2012, 18, 186-191.	0.1	6
77	Development and validation of the isiZulu quality of recovery score. Southern African Journal of Anaesthesia and Analgesia, 2018, 24, 65-69.	0.1	6
78	Peri-operative myocardial infarction: time for therapeutic trials. Anaesthesia, 2011, 66, 1083-1087.	1.8	5
79	In-hospital clinical outcomes after upper gastrointestinal surgery: Data from an international observational study. European Journal of Surgical Oncology, 2017, 43, 2324-2332.	0.5	5
80	An Evaluation of Severe Anesthetic-Related Critical Incidents and Risks From the South African Paediatric Surgical Outcomes Study: A 14-Day Prospective, Observational Cohort Study of Pediatric Surgical Patients. Anesthesia and Analgesia, 2022, 134, 728-739.	1.1	5
81	The opinion of patients at a local South Africa teaching hospital on physician-industry relations. Southern African Journal of Anaesthesia and Analgesia, 2013, 19, 160-163.	0.1	4
82	Fracture stabilisation in a polytraumatised African population – A comparison with international management practice. Injury, 2012, 43, 219-222.	0.7	3
83	Preoperative B-type natriuretic peptide risk stratification: do postoperative indices add value?. Southern African Journal of Anaesthesia and Analgesia, 2013, 19, 60-65.	0.1	3
84	Induction behaviour and race and its association with postoperative agitation in paediatric elective surgery. Southern African Journal of Anaesthesia and Analgesia, 2017, 23, 36-39.	0.1	3
85	Context is king – obstetric anaesthesia management strategies in limited resource settings. International Journal of Obstetric Anesthesia, 2017, 31, 1-4.	0.2	3
86	Preoperative predictors of thrombocytopenia in Caesarean delivery: is routine platelet count testing necessary?. Southern African Journal of Anaesthesia and Analgesia, 2017, 23, 152-155.	0.1	3
87	Fracture-related infections in HIV infected patients: A systematic review and meta-analysis. Journal of Orthopaedics, 2020, 18, 248-254.	0.6	3
88	Development of a Clinical Prediction Model for In-hospital Mortality from the South African Cohort of the African Surgical Outcomes Study. World Journal of Surgery, 2021, 45, 404-416.	0.8	3
89	The development of a scoring tool for the measurement of performance in managing hypotension and intra-operative cardiac arrest during spinal anaesthesia for caesarean section. Southern African Journal of Anaesthesia and Analgesia, 2015, 21, 63-69.	0.1	2
90	Natriuretic peptide-directed medical therapy: a systematic review. Perioperative Medicine (London, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.6	2

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91	A retrospective evaluation of the efficacy of midazolam and ketamine as premedication for paediatric patients undergoing elective surgery. Southern African Journal of Anaesthesia and Analgesia, 2021, 27, 139-143.	0.1	2
92	The impact of a bundled intrahospital transfer protocol on the safety of critically ill patients in a South African Metropolitan Hospital System. Southern African Journal of Anaesthesia and Analgesia, 2020, 26, 139-148.	0.1	2
93	Prophylactic Antiemetics in Oral and Maxillofacial Surgery: A Requiem?â€”A Response. Journal of Oral and Maxillofacial Surgery, 2010, 68, 1212-1213.	0.5	1
94	The treatment of perioperative myocardial infarctions following noncardiac surgery. Southern African Journal of Anaesthesia and Analgesia, 2012, 18, 86-93.	0.1	1
95	Taking an idea to a research protocol. Southern African Journal of Anaesthesia and Analgesia, 2014, 20, 14-18.	0.1	1
96	Postoperative atrial fibrillation in patients on statins undergoing isolated cardiac valve surgery: a meta-analysis. Southern African Journal of Anaesthesia and Analgesia, 2014, 20, 238-244.	0.1	1
97	Predicting postoperative haemoglobin changes after burn surgery. South African Medical Journal, 2017, 107, 424.	0.2	1
98	The role of cardiac rehabilitation using exercise to decrease natriuretic peptide levels in non-surgical patients: a systematic review. Perioperative Medicine (London, England), 2019, 8, 14.	0.6	1
99	Ketamine and midazolam as procedural sedation in children : a structured literature review and narrative synthesis. Southern African Journal of Anaesthesia and Analgesia, 2020, 26, 10-16.	0.1	1
100	The progression of a J wave during induction of hypothermia. South African Medical Journal, 2010, 100, 357.	0.2	0
101	CPR: What's changed? Are you doing it right?. Southern African Journal of Anaesthesia and Analgesia, 2011, 17, 143-145.	0.1	0
102	Cardiopulmonary resuscitation: see beyond the guidelines. Southern African Journal of Anaesthesia and Analgesia, 2011, 17, 219-220.	0.1	0
103	A survey of corticosteroid use for the management of septic shock. Southern African Journal of Anaesthesia and Analgesia, 2012, 18, 199-203.	0.1	0
104	Reply: Summarizing Randomized Evidence With Clinically Relevant Outcomes Performed in the Perioperative Period. Journal of Cardiothoracic and Vascular Anesthesia, 2013, 27, e29-e30.	0.6	0
105	Of fashions, fads and evidenced-based medicine. Southern African Journal of Anaesthesia and Analgesia, 2014, 20, i-ii.	0.1	0
106	Preoperative B-type natriuretic peptides in patients undergoing noncardiac surgery: a cumulative meta-analysis. Southern African Journal of Anaesthesia and Analgesia, 2015, 21, 96-106.	0.1	0
107	In Reply. Anesthesiology, 2016, 125, 816-817.	1.3	0
108	The impact of introducing drug labelling at Greyâ€™s Hospital Theatre over a six-month period. Southern African Journal of Anaesthesia and Analgesia, 2016, 22, 100-100.	0.1	0

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109	Reply to. European Journal of Anaesthesiology, 2017, 34, 29-30.	0.7	0
110	Perioperative ARDS and lung injury: for anaesthesia and beyond. Southern African Journal of Anaesthesia and Analgesia, 2018, 24, 32-39.	0.1	0
111	In Response. Anesthesia and Analgesia, 2018, 126, 1085-1085.	1.1	0
112	Sample-size determination and adherence in randomised controlled trials published in anaesthetic journals. Southern African Journal of Anaesthesia and Analgesia, 2018, 24, 40-46.	0.1	0
113	Comparison of point-of-care device DiaSpect against the HemoCue and laboratory analyser in an ICU population. Southern African Journal of Anaesthesia and Analgesia, 2021, 27, 99-103.	0.1	0