

# Martin Sigurdsson

## List of Publications by Year in descending order

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99  
papers

4,383  
citations

257101

24  
h-index

118652

62  
g-index

111  
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111  
docs citations

111  
times ranked

10170  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Incidence of New Persistent Opioid Use Following Cardiac Surgery via Sternotomy. <i>Annals of Thoracic Surgery</i> , 2022, 113, 33-40.	0.7	6
2	A descriptive study of the surge response and outcomes of ICU patients with COVID-19 during first wave in Nordic countries. <i>Acta Anaesthesiologica Scandinavica</i> , 2022, 66, 56-64.	0.7	14
3	Temporal trends in the epidemiology, management, and outcome of sepsis—A nationwide observational study. <i>Acta Anaesthesiologica Scandinavica</i> , 2022, 66, 497-506.	0.7	7
4	Postoperative Acute Kidney Injury Is Associated With Progression of Chronic Kidney Disease Independent of Severity. <i>Anesthesia and Analgesia</i> , 2022, 134, 49-58.	1.1	10
5	A retrospective study on adherence to secondary prevention medications after coronary bypass surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	2
6	Reconstruction of a large-scale outbreak of SARS-CoV-2 infection in Iceland informs vaccination strategies. <i>Clinical Microbiology and Infection</i> , 2022, 28, 852-858.	2.8	11
7	Transfusion strategies in bleeding critically ill adults: A clinical practice guideline from the European Society of Intensive Care Medicine: Endorsement by the Scandinavian Society of Anaesthesiology and Intensive Care Medicine. <i>Acta Anaesthesiologica Scandinavica</i> , 2022, , .	0.7	1
8	Therapeutics and COVID-19—A living WHO guideline: Endorsement by the Scandinavian Society of Anaesthesiology and Intensive Care Medicine. <i>Acta Anaesthesiologica Scandinavica</i> , 2022, , .	0.7	3
9	Surviving sepsis campaign: International guidelines for management of sepsis and septic shock in adults 2021 —endorsement by the Scandinavian society of anaesthesiology and intensive care medicine. <i>Acta Anaesthesiologica Scandinavica</i> , 2022, 66, 634-635.	0.7	11
10	Management of acute atrial fibrillation in the intensive care unit: An international survey. <i>Acta Anaesthesiologica Scandinavica</i> , 2022, 66, 375-385.	0.7	9
11	Long-term outcome of surgical revascularisation in patients with reduced left ventricular ejection fraction—a population based cohort study. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, , .	0.5	0
12	Regional anaesthesia in patients on antithrombotic drugs — a joint <sc>ESAIC</sc>/<sc>ESRA</sc> guideline: Endorsement by the Scandinavian Society of Anaesthesiology and Intensive Care Medicine. <i>Acta Anaesthesiologica Scandinavica</i> , 2022, 66, 887-889.	0.7	4
13	Long-term survival of Icelandic women following acute myocardial infarction. <i>Scandinavian Cardiovascular Journal</i> , 2022, 56, 114-120.	0.4	1
14	Utilization and outcomes of tracheostomies in the intensive care unit in Iceland in 2007—2020: A descriptive study. <i>Acta Anaesthesiologica Scandinavica</i> , 2022, 66, 996-1002.	0.7	0
15	A nationwide study on characteristics and outcome of cancer patients with sepsis requiring intensive care. <i>Acta Oncologica</i> , 2022, 61, 946-954.	0.8	2
16	Mild Stage 1 post-operative acute kidney injury: association with chronic kidney disease and long-term survival. <i>CKJ: Clinical Kidney Journal</i> , 2021, 14, 237-244.	1.4	6
17	Acute Kidney Injury After Acute Repair of Type A Aortic Dissection. <i>Annals of Thoracic Surgery</i> , 2021, 111, 1292-1298.	0.7	49
18	Sepsis after elective surgery — Incidence, aetiology and outcome. <i>Acta Anaesthesiologica Scandinavica</i> , 2021, 65, 457-465.	0.7	2

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19	Iodinated contrast for patients with chronic kidney disease—writing on the wall or free for all? Quantitative Imaging in Medicine and Surgery, 2021, 11, 876-878.	1.1	1
20	Short- and long-term mortality after deep sternal wound infection following cardiac surgery: experiences from SWEDHEART. European Journal of Cardio-thoracic Surgery, 2021, 60, 233-241.	0.6	28
21	Validation of the Hospital Frailty Risk Score in older surgical patients: A population-based retrospective cohort study. Acta Anaesthesiologica Scandinavica, 2021, 65, 1033-1042.	0.7	8
22	Clinical practice guideline on the management of septic shock and sepsis-associated organ dysfunction in children: Endorsement by the Scandinavian Society of Anaesthesiology and Intensive Care Medicine. Acta Anaesthesiologica Scandinavica, 2021, 65, 1365-1366.	0.7	1
23	Sequence variants in malignant hyperthermia genes in Iceland: classification and actionable findings in a population database. European Journal of Human Genetics, 2021, 29, 1819-1824.	1.4	4
24	Novel and Annotated Long Noncoding RNAs Associated with Ischemia in the Human Heart. International Journal of Molecular Sciences, 2021, 22, 11324.	1.8	4
25	Long-term survival after intensive care: A retrospective cohort study. Acta Anaesthesiologica Scandinavica, 2020, 64, 75-84.	0.7	4
26	The demographics of persistent opioid consumption following limb amputation. Acta Anaesthesiologica Scandinavica, 2020, 64, 361-367.	0.7	14
27	New-onset postoperative atrial fibrillation after heart surgery. Acta Anaesthesiologica Scandinavica, 2020, 64, 145-155.	0.7	35
28	Nationwide Incidence and Outcomes of Patients With Coronavirus Disease 2019 Requiring Intensive Care in Iceland. Critical Care Medicine, 2020, 48, e1102-e1105.	0.4	13
29	Clinical spectrum of coronavirus disease 2019 in Iceland: population based cohort study. BMJ, The, 2020, 371, m4529.	3.0	50
30	Humoral Immune Response to SARS-CoV-2 in Iceland. New England Journal of Medicine, 2020, 383, 1724-1734.	13.9	845
31	Reoperation for bleeding following coronary artery bypass surgery with special focus on long-term outcomes. Scandinavian Cardiovascular Journal, 2020, 54, 265-273.	0.4	4
32	A retrospective cohort study on the association between elevated preoperative red cell distribution width and all-cause mortality after noncardiac surgery. British Journal of Anaesthesia, 2020, 124, 718-725.	1.5	11
33	Improved long-term outcome of surgical AVR for AS: Results from a population-based cohort. Journal of Cardiac Surgery, 2019, 34, 1235-1242.	0.3	0
34	Postoperative Acute Kidney Injury: Focus on Renal Recovery Definitions, Kidney Disease Progression and Survival. American Journal of Nephrology, 2019, 49, 175-185.	1.4	13
35	Association Between Preoperative Opioid and Benzodiazepine Prescription Patterns and Mortality After Noncardiac Surgery. JAMA Surgery, 2019, 154, e191652.	2.2	35
36	Venovenous extracorporeal membrane oxygenation treatment in a low-volume and geographically isolated cardiothoracic centre. Acta Anaesthesiologica Scandinavica, 2019, 63, 879-884.	0.7	3

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37	Contribution of Baroreceptor Function to Pain Perception and Perioperative Outcomes. <i>Anesthesiology</i> , 2019, 130, 634-650.	1.3	33
38	Temporary autonomic modulation with botulinum toxin type A to reduce atrial fibrillation after cardiac surgery. <i>Heart Rhythm</i> , 2019, 16, 178-184.	0.3	47
39	Abdominal Gunshot Causing Ventricular Septal Injury Without Perforation into the Pericardium. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2019, 33, 772-775.	0.6	2
40	Should the dilated ascending aorta be repaired at the time of bicuspid aortic valve replacement? <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, 560-568.	0.6	18
41	Genomics of Cardiovascular Measures of Autonomic Tone. <i>Journal of Cardiovascular Pharmacology</i> , 2018, 71, 180-191.	0.8	6
42	Prospective study on long-term outcome after abdominal surgery. <i>Acta Anaesthesiologica Scandinavica</i> , 2018, 62, 147-158.	0.7	2
43	Comparison of Preoperative Assessment of Patient's Metabolic Equivalents (METs) Estimated from History versus Measured by Exercise Cardiac Stress Testing. <i>Anesthesiology Research and Practice</i> , 2018, 2018, 1-5.	0.2	8
44	Acute kidney injury following coronary angiography: a nationwide study of incidence, risk factors and long-term outcomes. <i>Journal of Nephrology</i> , 2018, 31, 721-730.	0.9	19
45	Utility of Angle Correction for Hemodynamic Measurements with Doppler Echocardiography. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2018, 32, 1768-1774.	0.6	1
46	Latent classes in diagnoses among psychiatric inpatients predicting mortality and imprisonment: a nationwide cohort study. <i>European Psychiatry</i> , 2017, 39, 93-98.	0.1	2
47	The Long Noncoding RNA Landscape of the Ischemic Human Left Ventricle. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	22
48	Incidental detection by computed tomography is an independent prognostic factor for survival in patients operated for nonsmall cell lung carcinoma. <i>ERJ Open Research</i> , 2017, 3, 00106-2016.	1.1	6
49	Lobectomy for non-small cell lung carcinoma: a nationwide study of short- and long-term survival. <i>Acta Oncologica</i> , 2017, 56, 936-942.	0.8	8
50	Favourable long-term outcome after coronary artery bypass grafting in a nationwide cohort. <i>Scandinavian Cardiovascular Journal</i> , 2017, 51, 327-333.	0.4	7
51	Post-operative atrial fibrillation examined using whole-genome RNA sequencing in human left atrial tissue. <i>BMC Medical Genomics</i> , 2017, 10, 25.	0.7	16
52	Resection rate and operability of elderly patients with non-small cell lung cancer: Nationwide study from 1991 to 2014. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017, 24, 733-739.	0.5	13
53	Patient-reported Outcomes and Clinical Response in Patients with Moderate-to-severe Plaque Psoriasis Treated with Tonsillectomy: A Randomized Controlled Trial. <i>Acta Dermato-Venereologica</i> , 2017, 97, 340-345.	0.6	32
54	Lung Isolation in a patient with a difficult airway: nasal intubation and E-Z blocker. <i>Anaesthesia Cases</i> , 2016, 4, 1-4.	0.0	0

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55	Rhythm is a dancer: the immediate management of postoperative atrial fibrillation following cardiac surgery. <i>Annals of Translational Medicine</i> , 2016, 4, S32-S32.	0.7	6
56	Severe vitamin D deficiency is common in critically ill patients at a high northern latitude. <i>Acta Anaesthesiologica Scandinavica</i> , 2016, 60, 1289-1296.	0.7	7
57	Improved long-term survival and renal recovery after acute kidney injury in hospitalized patients: A 20-year experience. <i>Nephrology</i> , 2016, 21, 1027-1033.	0.7	18
58	Acute Kidney Injury After Abdominal Surgery: Incidence, Risk Factors, and Outcome. <i>Anesthesia and Analgesia</i> , 2016, 122, 1912-1920.	1.1	83
59	The importance of recovery of renal function following acute kidney injury after <scp>CABG</scp>. <i>Acta Anaesthesiologica Scandinavica</i> , 2016, 60, 1483-1483.	0.7	0
60	TCT-375 Renal impairment is primarily caused by patient and procedural complexity – Nationwide study of Acute Kidney Injury Following Coronary Angiography and Intervention. <i>Journal of the American College of Cardiology</i> , 2016, 68, B153.	1.2	0
61	Mental disorder, imprisonment and reduced life expectancy – A nationwide psychiatric inpatient cohort study. <i>Criminal Behaviour and Mental Health</i> , 2016, 26, 6-17.	0.4	6
62	HLA-Cw6 homozygosity in plaque psoriasis is associated with streptococcal throat infections and pronounced improvement after tonsillectomy: A prospective case series. <i>Journal of the American Academy of Dermatology</i> , 2016, 75, 889-896.	0.6	27
63	Airflow obstruction, atherosclerosis and cardiovascular risk factors in the AGES Reykjavik study. <i>Atherosclerosis</i> , 2016, 252, 122-127.	0.4	11
64	Renal recovery and long-term survival following acute kidney injury after coronary artery surgery: a nationwide study. <i>Acta Anaesthesiologica Scandinavica</i> , 2016, 60, 1230-1240.	0.7	29
65	Duration of Postoperative Atrial Fibrillation After Cardiac Surgery Is Associated With Worsened Long-Term Survival. <i>Annals of Thoracic Surgery</i> , 2016, 102, 2018-2026.	0.7	21
66	Allele-specific expression in the human heart and its application to postoperative atrial fibrillation and myocardial ischemia. <i>Genome Medicine</i> , 2016, 8, 127.	3.6	6
67	Perioperative genomics: coming soon to (operating) theatres near you. <i>Canadian Journal of Anaesthesia</i> , 2016, 63, 382-385.	0.7	2
68	Total population-based study of the impact of substance use disorders on the overall survival of psychiatric inpatients. <i>Nordic Journal of Psychiatry</i> , 2016, 70, 161-166.	0.7	15
69	Favorable Survival after Aortic Valve Replacement Compared to the General Population. <i>Journal of Heart Valve Disease</i> , 2016, 25, 8-13.	0.5	2
70	Prediction of survival in patients suspected of disseminated intravascular coagulation. <i>Acta Anaesthesiologica Scandinavica</i> , 2015, 59, 870-880.	0.7	10
71	A total population-based cohort study of female psychiatric inpatients who have served a prison sentence. <i>Criminal Behaviour and Mental Health</i> , 2015, 25, 220-225.	0.4	2
72	Integrated microRNA and mRNA responses to acute human left ventricular ischemia. <i>Physiological Genomics</i> , 2015, 47, 455-462.	1.0	30

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73	Genetic Variants Associated With Atrial Fibrillation and PR Interval Following Cardiac Surgery. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, 605-610.	0.6	10
74	Throat Infections are Associated with Exacerbation in a Substantial Proportion of Patients with Chronic Plaque Psoriasis. <i>Acta Dermato-Venereologica</i> , 2014, 96, 788-91.	0.6	11
75	Genome-Scale Methods Converge on Key Mitochondrial Genes for the Survival of Human Cardiomyocytes in Hypoxia. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 407-415.	5.1	7
76	The impact of tumour size on the probability of synchronous metastasis and survival in renal cell carcinoma patients: a population-based study. <i>BMC Urology</i> , 2014, 14, 72.	0.6	15
77	Vitamin D deficiency in anesthesia department caregivers at the end of winter. <i>Acta Anaesthesiologica Scandinavica</i> , 2014, 58, 802-806.	0.7	6
78	Health-related quality of life (HRQL) in immunodeficient adults with selective IgA deficiency compared with age- and gender-matched controls and identification of risk factors for poor HRQL. <i>Quality of Life Research</i> , 2014, 23, 645-658.	1.5	31
79	Clinical Symptoms in Adults with Selective IgA Deficiency: A Case-Control Study. <i>Journal of Clinical Immunology</i> , 2013, 33, 742-747.	2.0	94
80	A Polymorphism in IRF4 Affects Human Pigmentation through a Tyrosinase-Dependent MITF/TFAP2A Pathway. <i>Cell</i> , 2013, 155, 1022-1033.	13.5	184
81	Acute respiratory distress syndrome: nationwide changes in incidence, treatment and mortality over 23 years. <i>Acta Anaesthesiologica Scandinavica</i> , 2013, 57, 37-45.	0.7	86
82	A community-driven global reconstruction of human metabolism. <i>Nature Biotechnology</i> , 2013, 31, 419-425.	9.4	920
83	Kidney function following partial or radical nephrectomy for renal cell carcinoma: A population-based study. <i>Scandinavian Journal of Urology</i> , 2013, 47, 476-482.	0.6	23
84	Synchronous Pulmonary Metastases from Renal Cell Carcinoma – A Whole Nation Study on Prevalence and Potential Resectability. <i>Scandinavian Journal of Surgery</i> , 2012, 101, 160-165.	1.3	23
85	Acute kidney injury in intensive care units according to RIFLE classification: a population-based study. <i>Acta Anaesthesiologica Scandinavica</i> , 2012, 56, 1291-1297.	0.7	13
86	Incidental Detection of Renal Cell Carcinoma is an Independent Prognostic Marker: Results of a Long-Term, Whole Population Study. <i>Journal of Urology</i> , 2012, 187, 48-53.	0.2	58
87	Lower mortality following coronary arterial revascularization in patients taking statins. <i>Scandinavian Cardiovascular Journal</i> , 2012, 46, 353-358.	0.4	3
88	Improvement of Psoriasis after Tonsillectomy Is Associated with a Decrease in the Frequency of Circulating T Cells That Recognize Streptococcal Determinants and Homologous Skin Determinants. <i>Journal of Immunology</i> , 2012, 188, 5160-5165.	0.4	97
89	Distribution of a marker of germline methylation differs between major families of transposon-derived repeats in the human genome. <i>Gene</i> , 2012, 492, 104-109.	1.0	5
90	The distribution of a germline methylation marker suggests a regional mechanism of LINE-1 silencing by the piRNA-PIWI system. <i>BMC Genetics</i> , 2012, 13, 31.	2.7	15

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91	Atrial fibrillation following cardiac surgery: risk analysis and long-term survival. <i>Journal of Cardiothoracic Surgery</i> , 2012, 7, 87.	0.4	120
92	A Giant Unruptured Aneurysm of the Sinus of Valsalva Together With Ectasia of the Left Coronary Artery. <i>Annals of Thoracic Surgery</i> , 2011, 92, 354-356.	0.7	5
93	Bronchiovenous Fistula Causing Bleeding and Air Embolism: an Unusual Complication of Bronchoscopic Tumor Resection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 681-682.	2.5	4
94	A detailed genome-wide reconstruction of mouse metabolism based on human Recon 1. <i>BMC Systems Biology</i> , 2010, 4, 140.	3.0	147
95	HapMap methylation-associated SNPs, markers of germline DNA methylation, positively correlate with regional levels of human meiotic recombination. <i>Genome Research</i> , 2009, 19, 581-589.	2.4	57
96	Genome-scale network analysis of imprinted human metabolic genes. <i>Epigenetics</i> , 2009, 4, 43-46.	1.3	20
97	Diagnostic Surgical Lung Biopsies for Suspected Interstitial Lung Diseases: A Retrospective Study. <i>Annals of Thoracic Surgery</i> , 2009, 88, 227-232.	0.7	73
98	Intra-individual Change Over Time in DNA Methylation With Familial Clustering. <i>JAMA - Journal of the American Medical Association</i> , 2008, 299, 2877.	3.8	602
99	Longitudinal changes in inflammatory biomarkers among patients with COVID-19: a nationwide study in Iceland. <i>Acta Anaesthesiologica Scandinavica</i> , 0, , .	0.7	2