

# Matthew Chan

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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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.

332  
papers

21,000  
citations

62  
h-index

139  
g-index

354  
ext. papers

26,562  
ext. citations

7.4  
avg, IF

6.66  
L-index

#	Paper	IF	Citations
332	Rationale and design of the PeriOperative ISchemic Evaluation-3 (POISE-3): a randomized controlled trial evaluating tranexamic acid and a strategy to minimize hypotension in noncardiac surgery.. <i>Trials</i> , <b>2022</b> , 23, 101	2.8	1
331	Vitamin D and carbamazepine protect against infection in mice by restoring macrophage lysosome acidification.. <i>Autophagy</i> , <b>2022</b> , 1-18	10.2	0
330	SARS-CoV-2 non-structural protein 6 triggers NLRP3-dependent pyroptosis by targeting ATP6AP1.. <i>Cell Death and Differentiation</i> , <b>2022</b> ,	12.7	9
329	Normalized Subendocardial Myocardial Attenuation on Coronary Computed Tomography Angiography Predicts Postoperative Adverse Cardiovascular Events: Coronary CTA VISION Substudy.. <i>Circulation: Cardiovascular Imaging</i> , <b>2022</b> , 15, e012654	3.9	
328	Emerging Roles of Long Non-Coding RNAs in Ankylosing Spondylitis.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 790924	8.4	0
327	Preoperative oximetry-derived hypoxemia predicts postoperative cardiovascular events in surgical patients with unrecognized obstructive sleep apnea.. <i>Journal of Clinical Anesthesia</i> , <b>2022</b> , 78, 110653	1.9	0
326	Effect of a Perioperative Hypotension-Avoidance Strategy Versus a Hypertension-Avoidance Strategy on the Risk of Acute Kidney Injury: A Clinical Research Protocol for a Substudy of the POISE-3 Randomized Clinical Trial.. <i>Canadian Journal of Kidney Health and Disease</i> , <b>2022</b> , 9, 20543581211069225	2.3	
325	High-Sensitivity Troponin I after Cardiac Surgery and 30-Day Mortality.. <i>New England Journal of Medicine</i> , <b>2022</b> , 386, 827-836	59.2	3
324	Goal-Directed Fluid Therapy <b>2022</b> , 89-102		
323	American Society of Hematology living guidelines on the use of anticoagulation for thromboprophylaxis in patients with COVID-19: July 2021 update on post-discharge thromboprophylaxis. <i>Blood Advances</i> , <b>2021</b> ,	7.8	14
322	Sugammadex, neostigmine and postoperative pulmonary complications: an international randomised feasibility and pilot trial. <i>Pilot and Feasibility Studies</i> , <b>2021</b> , 7, 200	1.9	2
321	In reply: Please stop using nitrous oxide in routine clinical practice (comment on: Use of nitrous oxide in contemporary anesthesia-an ongoing tug of war). <i>Canadian Journal of Anaesthesia</i> , <b>2021</b> , 1	3	
320	Circular RNAs in Intervertebral Disc Degeneration: An Updated Review.. <i>Frontiers in Molecular Biosciences</i> , <b>2021</b> , 8, 781424	5.6	0
319	Ketamine Alleviates Depressive Symptoms in Patients Undergoing Intracranial Tumor Resection: A Randomized Controlled Trial. <i>Anesthesia and Analgesia</i> , <b>2021</b> , 133, 1588-1597	3.9	0
318	Emerging roles of circular RNAs in neuropathic pain. <i>Cell Proliferation</i> , <b>2021</b> , e13139	7.9	4
317	Perioperative ADministration of Dexamethasone And blood Glucose concentrations in patients undergoing elective non-cardiac surgery - the randomised controlled PADDAG trial. <i>European Journal of Anaesthesiology</i> , <b>2021</b> , 38, 932-942	2.3	2
316	Diagnostic performance of the STOP-Bang questionnaire as a screening tool for obstructive sleep apnea in different ethnic groups. <i>Journal of Clinical Sleep Medicine</i> , <b>2021</b> , 17, 521-532	3.1	2

315	Association of Obstructive Sleep Apnea With Difficult Intubation: Prospective Multicenter Observational Cohort Study. <i>Anesthesia and Analgesia</i> , <b>2021</b> , 133, 196-204	3.9	3
314	Bioinformatic analyses hinted at augmented T helper 17 cell differentiation and cytokine response as the central mechanism of COVID-19-associated Guillain-Barré syndrome. <i>Cell Proliferation</i> , <b>2021</b> , 54, e13024	7.9	7
313	Multi-omic analysis suggests tumor suppressor genes evolved specific promoter features to optimize cancer resistance. <i>Briefings in Bioinformatics</i> , <b>2021</b> , 22,	13.4	1
312	Miller Fisher syndrome associated with COVID-19: an up-to-date systematic review. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 20939-20944	5.1	15
311	Vulnerability to Postoperative Complications in Obstructive Sleep Apnea: Importance of Phenotypes. <i>Anesthesia and Analgesia</i> , <b>2021</b> , 132, 1328-1337	3.9	3
310	Dexamethasone and Surgical-Site Infection. <i>New England Journal of Medicine</i> , <b>2021</b> , 384, 1731-1741	59.2	17
309	Predictive performance of oximetry in detecting sleep apnea in surgical patients with cardiovascular risk factors. <i>PLoS ONE</i> , <b>2021</b> , 16, e0250777	3.7	2
308	The international ENIGMA-II substudy on postoperative cognitive disorders (ISEP). <i>Scientific Reports</i> , <b>2021</b> , 11, 11631	4.9	1
307	Outcomes of respiratory viral-bacterial co-infection in adult hospitalized patients. <i>EClinicalMedicine</i> , <b>2021</b> , 37, 100955	11.3	7
306	Bioinformatic analysis of SMN1-ACE/ACE2 interactions hinted at a potential protective effect of spinal muscular atrophy against COVID-19-induced lung injury. <i>Briefings in Bioinformatics</i> , <b>2021</b> , 22, 1291-1296	13.4	2
305	An update on the roles of circular RNAs in osteosarcoma. <i>Cell Proliferation</i> , <b>2021</b> , 54, e12936	7.9	33
304	Advanced Radiation Therapy Technology Use in the Treatment of Bone Metastases in a Public, Salary-Funded, Non-Incentivized Health Care System. <i>JCO Oncology Practice</i> , <b>2021</b> , 17, e178-e185	2.3	3
303	Streptococcus thermophilus Inhibits Colorectal Tumorigenesis Through Secreting $\beta$ -Galactosidase. <i>Gastroenterology</i> , <b>2021</b> , 160, 1179-1193.e14	13.3	29
302	Lysosome activation in peripheral blood mononuclear cells and prognostic significance of circulating LC3B in COVID-19. <i>Briefings in Bioinformatics</i> , <b>2021</b> , 22, 1466-1475	13.4	4
301	American Society of Hematology 2021 guidelines on the use of anticoagulation for thromboprophylaxis in patients with COVID-19. <i>Blood Advances</i> , <b>2021</b> , 5, 872-888	7.8	161
300	Bioinformatic analyses suggest augmented interleukin-17 signaling as the mechanism of COVID-19-associated herpes zoster. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 65769-65775	5.1	5
299	Anaesthetic depth and delirium after major surgery: a randomised clinical trial. <i>British Journal of Anaesthesia</i> , <b>2021</b> , 127, 704-712	5.4	16
298	American Society of Hematology living guidelines on the use of anticoagulation for thromboprophylaxis in patients with COVID-19: May 2021 update on the use of intermediate-intensity anticoagulation in critically ill patients. <i>Blood Advances</i> , <b>2021</b> , 5, 3951-3959	7.8	12

297	Persistent Incisional Pain after Noncardiac Surgery: An International Prospective Cohort Study. <i>Anesthesiology</i> , <b>2021</b> , 135, 711-723	4.3	1
296	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , <b>2021</b> , 17, 1-382	10.2	440
295	Risk of stroke and other adverse outcomes in patients with perioperative atrial fibrillation 1 year after non-cardiac surgery. <i>European Heart Journal</i> , <b>2020</b> , 41, 645-651	9.5	25
294	Spinal microglia-neuron interactions in chronic pain. <i>Journal of Leukocyte Biology</i> , <b>2020</b> , 108, 1575-1592	6.5	11
293	Embryonic gene expression altered by maternal exposure to air pollution in rats. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 31699-31705	5.1	2
292	LINC01133: an emerging tumor-associated long non-coding RNA in tumor and osteosarcoma. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 32467-32473	5.1	4
291	Cathelicidin preserves intestinal barrier function in polymicrobial sepsis. <i>Critical Care</i> , <b>2020</b> , 24, 47	10.8	13
290	MicroRNAs in atopic dermatitis: A systematic review. <i>Journal of Cellular and Molecular Medicine</i> , <b>2020</b> , 24, 5966-5972	5.6	16
289	Association of NPAC score with survival after acute myocardial infarction. <i>Atherosclerosis</i> , <b>2020</b> , 301, 30-36	3.1	12
288	Association Between Myocardial Injury and Cardiovascular Outcomes of Orthopaedic Surgery: A Vascular Events in Noncardiac Surgery Patients Cohort Evaluation (VISION) Substudy. <i>Journal of Bone and Joint Surgery - Series A</i> , <b>2020</b> , 102, 880-888	5.6	5
287	Emerging roles of long non-coding RNAs in osteonecrosis of the femoral head. <i>American Journal of Translational Research (discontinued)</i> , <b>2020</b> , 12, 5984-5991	3	2
286	Blood Loss During Spine Surgery <b>2020</b> , 243-249		
285	One-year Results of a Factorial Randomized Trial of Aspirin versus Placebo and Clonidine versus Placebo in Patients Having Noncardiac Surgery. <i>Anesthesiology</i> , <b>2020</b> , 132, 692-701	4.3	5
284	Epicardial Adipose Tissue: An Independent Predictor of Post-Operative Adverse Cardiovascular Events (CTA VISION Substudy). <i>JACC: Cardiovascular Imaging</i> , <b>2020</b> , 13, 882-884	8.4	0
283	Emerging roles of non-coding RNAs in scoliosis. <i>Cell Proliferation</i> , <b>2020</b> , 53, e12736	7.9	19
282	Preoperative Vitamin D Concentration and Cardiac, Renal, and Infectious Morbidity after Noncardiac Surgery. <i>Anesthesiology</i> , <b>2020</b> , 132, 121-130	4.3	6
281	American Society for Enhanced Recovery and Perioperative Quality Initiative Joint Consensus Statement on the Role of Neuromonitoring in Perioperative Outcomes: Electroencephalography. <i>Anesthesia and Analgesia</i> , <b>2020</b> , 130, 1278-1291	3.9	42
280	Bacteria pathogens drive host colonic epithelial cell promoter hypermethylation of tumor suppressor genes in colorectal cancer. <i>Microbiome</i> , <b>2020</b> , 8, 108	16.6	14

279	Patients with pretreatment leukoencephalopathy and older patients have more cognitive decline after whole brain radiotherapy. <i>Radiation Oncology</i> , <b>2020</b> , 15, 271	4.2	4
278	Preoperative N-Terminal Pro-B-Type Natriuretic Peptide and Cardiovascular Events After Noncardiac Surgery: A Cohort Study. <i>Annals of Internal Medicine</i> , <b>2020</b> , 172, 96-104	8	43
277	Hederagenin potentiated cisplatin- and paclitaxel-mediated cytotoxicity by impairing autophagy in lung cancer cells. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 611	9.8	14
276	Genetic Deletion of Disrupts Maternal-Zygotic Transition and Embryonic Body Plan. <i>Frontiers in Genetics</i> , <b>2020</b> , 11, 853	4.5	5
275	Deep anaesthesia - AuthorsPreply. <i>Lancet, The</i> , <b>2020</b> , 396, 666-667	40	
274	A surveillance method to identify patients with sepsis from electronic health records in Hong Kong: a single centre retrospective study. <i>BMC Infectious Diseases</i> , <b>2020</b> , 20, 652	4	5
273	Choice of ANesthesia for EndoVAscular Treatment of Acute Ischemic Stroke (CANVAS): Results of the CANVAS Pilot Randomized Controlled Trial. <i>Journal of Neurosurgical Anesthesiology</i> , <b>2020</b> , 32, 41-47 <sup>3</sup>		13
272	Autophagy in intracellular bacterial infection. <i>Seminars in Cell and Developmental Biology</i> , <b>2020</b> , 101, 41-50	7.5	34
271	A comparison of four risk models for the prediction of cardiovascular complications in patients with a history of atrial fibrillation undergoing non-cardiac surgery. <i>Anaesthesia</i> , <b>2020</b> , 75, 27-36	6.6	3
270	Anaesthesia use in catheter ablation for atrial fibrillation: a systematic review and meta-analysis of observational studies. <i>Heart Asia</i> , <b>2019</b> , 11, e011155	1.9	1
269	Bufalin, a Traditional Chinese Medicine Compound, Prevents Tumor Formation in Two Murine Models of Colorectal Cancer. <i>Cancer Prevention Research</i> , <b>2019</b> , 12, 653-666	3.2	20
268	Unrecognized Obstructive Sleep Apnea in Patients Undergoing Surgery-Reply. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 322, 1211-1212	27.4	
267	Systematic review and consensus definitions for the Standardised Endpoints in Perioperative Medicine initiative: patient-centred outcomes. <i>British Journal of Anaesthesia</i> , <b>2019</b> , 123, 664-670	5.4	46
266	Exhaled air dispersion during high-flow nasal cannula therapy CPAP different masks. <i>European Respiratory Journal</i> , <b>2019</b> , 53,	13.6	190
265	Systematic review and consensus definitions for the Standardised Endpoints in Perioperative Medicine initiative: clinical indicators. <i>British Journal of Anaesthesia</i> , <b>2019</b> , 123, 228-237	5.4	20
264	Long non-coding RNAs in the spinal cord injury: Novel spotlight. <i>Journal of Cellular and Molecular Medicine</i> , <b>2019</b> , 23, 4883-4890	5.6	16
263	Association of Unrecognized Obstructive Sleep Apnea With Postoperative Cardiovascular Events in Patients Undergoing Major Noncardiac Surgery. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 321, 1788-1798	27.4	97
262	A Novel Peptide Interfering with proBDNF-Sortilin Interaction Alleviates Chronic Inflammatory Pain. <i>Theranostics</i> , <b>2019</b> , 9, 1651-1665	12.1	10

261	MicroRNA signature of air pollution exposure-induced congenital defects. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 17896-17904	7	7
260	Effect of methylprednisolone on acute kidney injury in patients undergoing cardiac surgery with a cardiopulmonary bypass pump: a randomized controlled trial. <i>Cmaj</i> , <b>2019</b> , 191, E247-E256	3.5	11
259	Examination of psychological risk factors for chronic pain following cardiac surgery: protocol for a prospective observational study. <i>BMJ Open</i> , <b>2019</b> , 9, e022995	3	1
258	The phytochemical polydatin ameliorates non-alcoholic steatohepatitis by restoring lysosomal function and autophagic flux. <i>Journal of Cellular and Molecular Medicine</i> , <b>2019</b> , 23, 4290-4300	5.6	29
257	Carotid artery and cerebral blood flow during experimental cardiopulmonary resuscitation: A systematic review of the literature. <i>Resuscitation</i> , <b>2019</b> , 138, 46-52	4	2
256	Perioperative covert stroke in patients undergoing non-cardiac surgery (NeuroVISION): a prospective cohort study. <i>Lancet, The</i> , <b>2019</b> , 394, 1022-1029	40	69
255	Association between complications and death within 30 days after noncardiac surgery. <i>Cmaj</i> , <b>2019</b> , 191, E830-E837	3.5	58
254	Local infiltration with cocktail analgesics during 2 level lumbar spinal fusion surgery: Study protocol of a randomized controlled trial. <i>Medicine (United States)</i> , <b>2019</b> , 98, e15526	1.8	1
253	Eukaryotic elongation factor-2 kinase expression is an independent prognostic factor in colorectal cancer. <i>BMC Cancer</i> , <b>2019</b> , 19, 649	4.8	7
252	Anaesthetic depth and complications after major surgery: an international, randomised controlled trial. <i>Lancet, The</i> , <b>2019</b> , 394, 1907-1914	40	48
251	Differentially expressed circular RNAs in air pollution-exposed rat embryos. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 34421-34429	5.1	7
250	Circular RNAs in nucleus pulposus cell function and intervertebral disc degeneration. <i>Cell Proliferation</i> , <b>2019</b> , 52, e12704	7.9	46
249	Aberrantly expressed long non-coding RNAs in air pollution-induced congenital defects. <i>Journal of Cellular and Molecular Medicine</i> , <b>2019</b> , 23, 7717-7725	5.6	9
248	Systematic review and consensus definitions for the Standardised Endpoints in Perioperative Medicine (StEP) initiative: infection and sepsis. <i>British Journal of Anaesthesia</i> , <b>2019</b> , 122, 500-508	5.4	11
247	The perioperative administration of dexamethasone and infection (PADDI) trial protocol: rationale and design of a pragmatic multicentre non-inferiority study. <i>BMJ Open</i> , <b>2019</b> , 9, e030402	3	5
246	Relationship between Perioperative Hypotension and Perioperative Cardiovascular Events in Patients with Coronary Artery Disease Undergoing Major Noncardiac Surgery. <i>Anesthesiology</i> , <b>2019</b> , 130, 756-766	4.3	24
245	Effect of cultural background and healthcare environment on postoperative opioid requirement. <i>Canadian Journal of Anaesthesia</i> , <b>2019</b> , 66, 309-317	3	2
244	Tranexamic acid in coronary artery surgery: One-year results of the Aspirin and Tranexamic Acid for Coronary Artery Surgery (ATACAS) trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 157, 644-652.e9	1.5	16

243	Vitamin D3 activates the autolysosomal degradation function against <i>Helicobacter pylori</i> through the PDIA3 receptor in gastric epithelial cells. <i>Autophagy</i> , <b>2019</b> , 15, 707-725	10.2	54
242	Melatonin protected against the detrimental effects of microRNA-363 in a rat model of vitamin A-associated congenital spinal deformities: Involvement of Notch signaling. <i>Journal of Pineal Research</i> , <b>2019</b> , 66, e12558	10.4	9
241	Emerging roles of long non-coding RNAs in neuropathic pain. <i>Cell Proliferation</i> , <b>2019</b> , 52, e12528	7.9	63
240	Aspirin in coronary artery surgery: 1-year results of the Aspirin and Tranexamic Acid for Coronary Artery Surgery trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 157, 633-640	1.5	9
239	Translational genomics in pancreatic ductal adenocarcinoma: A review with re-analysis of TCGA dataset. <i>Seminars in Cancer Biology</i> , <b>2019</b> , 55, 70-77	12.7	6
238	Common Deregulation of Seven Biological Processes by MicroRNAs in Gastrointestinal Cancers. <i>Scientific Reports</i> , <b>2018</b> , 8, 3287	4.9	7
237	A novel susceptibility locus in MST1 and gene-gene interaction network for Crohn's disease in the Chinese population. <i>Journal of Cellular and Molecular Medicine</i> , <b>2018</b> , 22, 2368-2377	5.6	8
236	The long non-coding RNA SPRY4-IT1: An emerging player in tumorigenesis and osteosarcoma. <i>Cell Proliferation</i> , <b>2018</b> , 51, e12446	7.9	22
235	NOVA1 acts as an oncogene in melanoma via regulating FOXO3a expression. <i>Journal of Cellular and Molecular Medicine</i> , <b>2018</b> , 22, 2622-2630	5.6	18
234	Long non-coding RNAs in melanoma. <i>Cell Proliferation</i> , <b>2018</b> , 51, e12457	7.9	48
233	A systematic review and consensus definitions for standardised end-points in perioperative medicine: pulmonary complications. <i>British Journal of Anaesthesia</i> , <b>2018</b> , 120, 1066-1079	5.4	93
232	Systematic review and consensus definitions for the Standardised Endpoints in Perioperative Medicine (STEP) initiative: patient comfort. <i>British Journal of Anaesthesia</i> , <b>2018</b> , 120, 705-711	5.4	94
231	<i>Clostridium difficile</i> toxin B induces autophagic cell death in colonocytes. <i>Journal of Cellular and Molecular Medicine</i> , <b>2018</b> , 22, 2469-2477	5.6	3
230	Exhaled air dispersion during bag-mask ventilation and sputum suctioning - Implications for infection control. <i>Scientific Reports</i> , <b>2018</b> , 8, 198	4.9	49
229	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> , <b>2018</b> , 120, 146-155	5.4	50
228	Reduced lysosomal clearance of autophagosomes promotes survival and colonization of <i>Helicobacter pylori</i> . <i>Journal of Pathology</i> , <b>2018</b> , 244, 432-444	9.4	22
227	Association Between Bacteremia From Specific Microbes and Subsequent Diagnosis of Colorectal Cancer. <i>Gastroenterology</i> , <b>2018</b> , 155, 383-390.e8	13.3	105
226	Systematic review and consensus definitions for standardised endpoints in perioperative medicine: postoperative cancer outcomes. <i>British Journal of Anaesthesia</i> , <b>2018</b> , 121, 38-44	5.4	22

225	Alterations in Enteric Virome Are Associated With Colorectal Cancer and Survival Outcomes. <i>Gastroenterology</i> , <b>2018</b> , 155, 529-541.e5	13.3	132
224	Implication of Major Adverse Postoperative Events and Myocardial Injury on Disability and Survival: A Planned Subanalysis of the ENIGMA-II Trial. <i>Anesthesia and Analgesia</i> , <b>2018</b> , 127, 1118-1126	3.9	19
223	Defective lysosomal clearance of autophagosomes and its clinical implications in nonalcoholic steatohepatitis. <i>FASEB Journal</i> , <b>2018</b> , 32, 37-51	0.9	47
222	Autophagy, NAFLD and NAFLD-Related HCC. <i>Advances in Experimental Medicine and Biology</i> , <b>2018</b> , 1061, 127-138	3.6	29
221	Aspirin in Patients With Previous Percutaneous Coronary Intervention Undergoing Noncardiac Surgery. <i>Annals of Internal Medicine</i> , <b>2018</b> , 168, 237-244	8	44
220	Genomic analysis of liver cancer unveils novel driver genes and distinct prognostic features. <i>Theranostics</i> , <b>2018</b> , 8, 1740-1751	12.1	51
219	Long non-coding RNAs in nucleus pulposus cell function and intervertebral disc degeneration. <i>Cell Proliferation</i> , <b>2018</b> , 51, e12483	7.9	58
218	Plasminogen Activator Inhibitor 1 for Predicting Sepsis Severity and Mortality Outcomes: A Systematic Review and Meta-Analysis. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1218	8.4	26
217	Effect of aspirin in vascular surgery in patients from a randomized clinical trial (POISE-2). <i>British Journal of Surgery</i> , <b>2018</b> , 105, 1591-1597	5.3	13
216	Systematic review of prediction models for delirium in the older adult inpatient. <i>BMJ Open</i> , <b>2018</b> , 8, e019223	8.0	80
215	Restrictive versus Liberal Fluid Therapy for Major Abdominal Surgery. <i>New England Journal of Medicine</i> , <b>2018</b> , 378, 2263-2274	59.2	349
214	Troponin T monitoring to detect myocardial injury after noncardiac surgery: a cost-consequence analysis. <i>Canadian Journal of Surgery</i> , <b>2018</b> , 61, 185-194	2	25
213	Antimicrobial Peptides in the Host-Microbiota Homeostasis <b>2018</b> , 21-33		
212	Circulating microRNA signature of steroid-induced osteonecrosis of the femoral head. <i>Cell Proliferation</i> , <b>2018</b> , 51,	7.9	20
211	Rationale and design for the detection and neurological impact of cerebrovascular events in non-cardiac surgery patients cohort evaluation (NeuroVISION) study: a prospective international cohort study. <i>BMJ Open</i> , <b>2018</b> , 8, e021521	3	2
210	Myocardial Injury After Noncardiac Surgery (MINS) in Vascular Surgical Patients: A Prospective Observational Cohort Study. <i>Annals of Surgery</i> , <b>2018</b> , 268, 357-363	7.8	36
209	Long non-coding RNAs in rheumatoid arthritis. <i>Cell Proliferation</i> , <b>2018</b> , 51,	7.9	44
208	Targeted Genotyping Identifies Susceptibility Locus in Brain-derived Neurotrophic Factor Gene for Chronic Postsurgical Pain. <i>Anesthesiology</i> , <b>2018</b> , 128, 587-597	4.3	21



207	Emerging roles of MicroRNAs in osteonecrosis of the femoral head. <i>Cell Proliferation</i> , <b>2018</b> , 51,	7.9	21
206	Predictive Value of T - T Indices for Adverse Outcomes in Acquired QT Prolongation: A Meta-Analysis. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1226	4.6	18
205	Developmental protein kinase C hyper-activation results in microcephaly and behavioral abnormalities in zebrafish. <i>Translational Psychiatry</i> , <b>2018</b> , 8, 232	8.6	2
204	Laboratory alerts to guide early intensive care team review in surgical patients: A feasibility, safety, and efficacy pilot randomized controlled trial. <i>Resuscitation</i> , <b>2018</b> , 133, 167-172	4	1
203	Higher Dispersion Measures of Conduction and Repolarization in Type 1 Compared to Non-type 1 Brugada Syndrome Patients: An Electrocardiographic Study From a Single Center. <i>Frontiers in Cardiovascular Medicine</i> , <b>2018</b> , 5, 132	5.4	11
202	Oncogenes expand during evolution to withstand somatic amplification. <i>Annals of Oncology</i> , <b>2018</b> , 29, 2254-2260	10.3	1
201	Immune consequences induced by photodynamic therapy in non-melanoma skin cancers: a review. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 20569-20574	5.1	14
200	Rationale and design for the detection and neurological impact of cerebrovascular events in non-cardiac surgery patients cohort evaluation (NeuroVISION) study: a prospective international cohort study <b>2018</b> , 8, e021521		2
199	Intraoperative dexamethasone does not increase the risk of postoperative wound infection: a propensity score-matched post hoc analysis of the ENIGMA-II trial (EnDEX). <i>British Journal of Anaesthesia</i> , <b>2017</b> , 118, 190-199	5.4	23
198	NEAT1: A novel cancer-related long non-coding RNA. <i>Cell Proliferation</i> , <b>2017</b> , 50,	7.9	169
197	Oncogenes without a Neighboring Tumor-Suppressor Gene Are More Prone to Amplification. <i>Molecular Biology and Evolution</i> , <b>2017</b> , 34, 903-907	8.3	5
196	Germline-specific dgcr8 knockout in zebrafish using a BACK approach. <i>Cellular and Molecular Life Sciences</i> , <b>2017</b> , 74, 2503-2511	10.3	10
195	CCAT2: A novel oncogenic long non-coding RNA in human cancers. <i>Cell Proliferation</i> , <b>2017</b> , 50,	7.9	38
194	Neuro-oncological ventral antigen 1 (NOVA1): Implications in neurological diseases and cancers. <i>Cell Proliferation</i> , <b>2017</b> , 50,	7.9	19
193	Melatonin antagonizes interleukin-18-mediated inhibition on neural stem cell proliferation and differentiation. <i>Journal of Cellular and Molecular Medicine</i> , <b>2017</b> , 21, 2163-2171	5.6	15
192	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> , <b>2017</b> , 317, 1642-1651	27.4	320
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190	Critical care admission following elective surgery was not associated with survival benefit: prospective analysis of data from 27 countries. <i>Intensive Care Medicine</i> , <b>2017</b> , 43, 971-979	14.5	68

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187	Protective roles of melatonin in central nervous system diseases by regulation of neural stem cells. <i>Cell Proliferation</i> , <b>2017</b> , 50,	7.9	30
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178	Use of failure-to-rescue to identify international variation in postoperative care in low-, middle- and high-income countries: a 7-day cohort study of elective surgery. <i>British Journal of Anaesthesia</i> , <b>2017</b> , 119, 258-266	5.4	29
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176	Perioperative nocturnal hypoxemia matters in surgical patients with obstructive sleep apnea. <i>Canadian Journal of Anaesthesia</i> , <b>2017</b> , 64, 109-110	3	2
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48	Airflows around oxygen masks: A potential source of infection?. <i>Chest</i> , <b>2006</b> , 130, 822-6	5.3	63
47	Intravenous magnesium sulfate after aneurysmal subarachnoid hemorrhage: a prospective randomized pilot study. <i>Journal of Neurosurgical Anesthesiology</i> , <b>2006</b> , 18, 142-8	3	85
46	Changes of bispectral index after a bolus dose of muscle relaxant. <i>Anesthesia and Analgesia</i> , <b>2006</b> , 103, 776-7; author reply 777	3.9	3

45	The additive interactions between ondansetron and droperidol for preventing postoperative nausea and vomiting. <i>Anesthesia and Analgesia</i> , <b>2006</b> , 103, 1155-62	3.9	51
44	Correspondence to Rose evaluation for long-term magnesium treatment in aneurysmal subarachnoid haemorrhage. <i>Journal of Clinical Pharmacy and Therapeutics</i> , <b>2006</b> , 31, 407	2.2	1
43	Cerebral hemisphere asymmetry in cerebrovascular regulation in ventilated traumatic brain injury. <i>Acta Neurochirurgica Supplementum</i> , <b>2006</b> , 96, 21-3	1.7	2
42	Trial design in "magnesium sulphate in aneurysmal subarachnoid hemorrhage: a randomized controlled trial". <i>Stroke</i> , <b>2005</b> , 36, 2530-1; author reply 2531-2	6.7	5
41	Dreaming during anaesthesia in patients at high risk of awareness. <i>Anaesthesia</i> , <b>2005</b> , 60, 239-44	6.6	45
40	Cerebral vasoreactivity: a comparison of color velocity imaging quantification and stable xenon-enhanced CT. <i>American Journal of Roentgenology</i> , <b>2005</b> , 184, 948-52	5.4	3
39	Cerebral haemodynamic assessment in patients with thalamic haemorrhage: a pilot study with continuous compliance monitoring. <i>Acta Neurochirurgica Supplementum</i> , <b>2005</b> , 95, 299-301	1.7	1
38	Cerebral blood flow (CBF)-directed management of ventilated head-injured patients. <i>Acta Neurochirurgica Supplementum</i> , <b>2005</b> , 95, 9-11	1.7	17
37	Magnesium sulfate for brain protection during temporary cerebral artery occlusion. <i>Acta Neurochirurgica Supplementum</i> , <b>2005</b> , 95, 107-11	1.7	16
36	Monitoring of autoregulation using intracerebral microdialysis in patients with severe head injury. <i>Acta Neurochirurgica Supplementum</i> , <b>2005</b> , 95, 113-6	1.7	11
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34	Are preemptive analgesic effects of ketamine linked to inadequate perioperative analgesia?. <i>Anesthesia and Analgesia</i> , <b>2004</b> , 99, 1576	3.9	5
33	Performance of an oxygen delivery device for weaning potentially infectious critically ill patients. <i>Anaesthesia</i> , <b>2004</b> , 59, 710-4	6.6	11
32	Bispectral index monitoring to prevent awareness during anaesthesia: the B-Aware randomised controlled trial. <i>Lancet, The</i> , <b>2004</b> , 363, 1757-63	40	999
31	B-Aware: recall of intraoperative events. <i>Lancet, The</i> , <b>2004</b> , 364, 840; author reply 841-2	40	2
30	B-Aware: recall of intra-operative events. <i>Lancet, The</i> , <b>2004</b> , 364, 841-842	40	5
29	AEP "Click Detection" failure: may be, may be not!. <i>Anesthesia and Analgesia</i> , <b>2004</b> , 99, 948-949	3.9	2
28	Preoperative ketamine improves postoperative analgesia after gynecologic laparoscopic surgery. <i>Anesthesia and Analgesia</i> , <b>2004</b> , 98, 1044-1049	3.9	78

27	Interventional neurophysiologic monitoring. <i>Current Opinion in Anaesthesiology</i> , <b>2004</b> , 17, 389-96	2.9	6
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25	Re: Magnesium: a useful adjunct in the prevention of cerebral vasospasm following aneurysmal subarachnoid haemorrhage. <i>Journal of Clinical Neuroscience</i> , <b>2003</b> , 10, 394	2.2	
24	Mainstream vs. sidestream capnometry for prediction of arterial carbon dioxide tension during supine craniotomy. <i>Anaesthesia</i> , <b>2003</b> , 58, 149-55	6.6	12
23	The role of haematoma aspiration in the management of patients with thalamic haemorrhage: a pilot study with continuous compliance monitoring. <i>Acta Neurochirurgica Supplementum</i> , <b>2003</b> , 86, 469-717		
22	A prospective randomized trial comparing patient-controlled sedation using propofol and alfentanil and physician-administered sedation using diazepam and pethidine during transvaginal ultrasound-guided oocyte retrieval. <i>Human Reproduction</i> , <b>2002</b> , 17, 2101-6	5.7	23
21	Prolonged neuromuscular block after rocuronium in postpartum patients. <i>Anesthesia and Analgesia</i> , <b>2002</b> , 94, 686-9; table of contents	3.9	9
20	Patient-controlled sedation for outpatient thermal balloon endometrial ablation. <i>Journal of Minimally Invasive Gynecology</i> , <b>2002</b> , 9, 436-41		8
19	Neurochemical changes in ventilated head-injured patients with cerebral perfusion pressure treatment failure. <i>Acta Neurochirurgica Supplementum</i> , <b>2002</b> , 81, 335-8	1.7	5
18	A missing throat pack. <i>Anaesthesia</i> , <b>2001</b> , 56, 383-4	6.6	13
17	Risk factors for citation errors in peer-reviewed nursing journals. <i>Journal of Advanced Nursing</i> , <b>2001</b> , 34, 223-9	3.1	52
16	Structured preoperative patient education for patient-controlled analgesia. <i>Journal of Clinical Anesthesia</i> , <b>2001</b> , 13, 465-9	1.9	28
15	What does the bispectral EEG index monitor?. <i>European Journal of Anaesthesiology</i> , <b>2000</b> , 17, 146-8	2.3	17
14	New monitors of neurological functions [part 2. <i>Current Anaesthesia and Critical Care</i> , <b>1999</b> , 10, 147-157		1
13	New monitors of neurological functions [Part 1. <i>Current Anaesthesia and Critical Care</i> , <b>1999</b> , 10, 87-97		1
12	Propofol requirement is decreased in patients with large supratentorial brain tumor. <i>Anesthesiology</i> , <b>1999</b> , 90, 1571-6	4.3	12
11	Single-dose tropisetron for preventing postoperative nausea and vomiting after breast surgery. <i>Anesthesia and Analgesia</i> , <b>1998</b> , 87, 931-5	3.9	10
10	Postpartum patients have slightly prolonged neuromuscular block after mivacurium. <i>Anesthesia and Analgesia</i> , <b>1998</b> , 86, 82-5	3.9	10

9	Decreased thiopental requirements in early pregnancy. <i>Anesthesiology</i> , <b>1997</b> , 86, 73-8	4.3	25
8	Single-dose pharmacokinetics of paracetamol and its conjugates in Chinese non-insulin-dependent diabetic patients with renal impairment. <i>European Journal of Clinical Pharmacology</i> , <b>1997</b> , 52, 285-8	2.8	8
7	Minimum alveolar concentration of halothane and enflurane are decreased in early pregnancy. <i>Anesthesiology</i> , <b>1996</b> , 85, 782-6	4.3	53
6	CSF progesterone and spread of subarachnoid anaesthesia in pregnancy. <i>British Journal of Anaesthesia</i> , <b>1996</b> , 77, 293-4	5.4	1
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4	Postpartum changes in the minimum alveolar concentration of isoflurane. <i>Anesthesiology</i> , <b>1995</b> , 82, 1360-3	4.3	24
3	Drug overdosage and other poisoning in Hong Kong--the Prince of Wales Hospital (Shatin) experience. <i>Human and Experimental Toxicology</i> , <b>1994</b> , 13, 512-5	3.4	33
2	Ketorolac and thromboelastography. <i>Journal of Clinical Anesthesia</i> , <b>1994</b> , 6, 263-4	1.9	
1	Decreased minimum alveolar concentration of isoflurane in pregnant humans. <i>Anesthesiology</i> , <b>1994</b> , 81, 829-32	4.3	90