

Hutan Ashrafian

List of Publications by Citations

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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.

266
papers

6,748
citations

41
h-index

75
g-index

297
ext. papers

9,115
ext. citations

6.2
avg. IF

6.25
L-index

#	Paper	IF	Citations
266	International evaluation of an AI system for breast cancer screening. <i>Nature</i> , 2020 , 577, 89-94	50.4	707
265	Understanding the role of gut microbiome-host metabolic signal disruption in health and disease. <i>Trends in Microbiology</i> , 2011 , 19, 349-59	12.4	359
264	Metabolic surgery profoundly influences gut microbial-host metabolic cross-talk. <i>Gut</i> , 2011 , 60, 1214-23	19.2	319
263	Technologies for global health. <i>Lancet, The</i> , 2012 , 380, 507-35	4.0	238
262	Gastric bypass reduces fat intake and preference. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011 , 301, R1057-66	3.2	187
261	Effects of bariatric surgery on cardiovascular function. <i>Circulation</i> , 2008 , 118, 2091-102	16.7	174
260	Bariatric Surgery and Non-Alcoholic Fatty Liver Disease: a Systematic Review of Liver Biochemistry and Histology. <i>Obesity Surgery</i> , 2015 , 25, 2280-9	3.7	153
259	A diagnostic accuracy meta-analysis of endoanal ultrasound and MRI for perianal fistula assessment. <i>Diseases of the Colon and Rectum</i> , 2012 , 55, 576-85	3.1	137
258	Reporting guidelines for clinical trial reports for interventions involving artificial intelligence: the CONSORT-AI extension. <i>Nature Medicine</i> , 2020 , 26, 1364-1374	50.5	136
257	Does Sleeve Gastrectomy Expose the Distal Esophagus to Severe Reflux?: A Systematic Review and Meta-analysis. <i>Annals of Surgery</i> , 2020 , 271, 257-265	7.8	115
256	Metabolic surgery and cancer: protective effects of bariatric procedures. <i>Cancer</i> , 2011 , 117, 1788-99	6.4	113
255	Bariatric Surgery or Non-Surgical Weight Loss for Obstructive Sleep Apnoea? A Systematic Review and Comparison of Meta-analyses. <i>Obesity Surgery</i> , 2015 , 25, 1239-50	3.7	112
254	Adhesions after abdominal surgery: a systematic review of the incidence, distribution and severity. <i>Surgery Today</i> , 2014 , 44, 405-20	3	112
253	Guidelines for clinical trial protocols for interventions involving artificial intelligence: the SPIRIT-AI extension. <i>Nature Medicine</i> , 2020 , 26, 1351-1363	50.5	106
252	Body mass index category as a risk factor for colorectal adenomas: a systematic review and meta-analysis. <i>American Journal of Gastroenterology</i> , 2012 , 107, 1175-85; quiz 1186	0.7	105
251	Legal, regulatory, and ethical frameworks for development of standards in artificial intelligence (AI) and autonomous robotic surgery. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2019 , 15, e1968	2.9	94
250	Clinical and laboratory evaluation of SARS-CoV-2 lateral flow assays for use in a national COVID-19 seroprevalence survey. <i>Thorax</i> , 2020 , 75, 1082-1088	7.3	85

249	Developing specific reporting guidelines for diagnostic accuracy studies assessing AI interventions: The STARD-AI Steering Group. <i>Nature Medicine</i> , 2020 , 26, 807-808	50.5	84
248	The Effects of Bariatric Surgery on Cardiac Structure and Function: a Systematic Review of Cardiac Imaging Outcomes. <i>Obesity Surgery</i> , 2016 , 26, 1030-40	3.7	83
247	Which hemostatic device in thyroid surgery? A network meta-analysis of surgical technologies. <i>Thyroid</i> , 2013 , 23, 1138-50	6.2	76
246	Effects of Interdisciplinary Team Care Interventions on General Medical Wards: A Systematic Review. <i>JAMA Internal Medicine</i> , 2015 , 175, 1288-98	11.5	75
245	Metabolic surgery and gut hormones - a review of bariatric entero-humoral modulation. <i>Physiology and Behavior</i> , 2009 , 97, 620-31	3.5	75
244	Metabolic surgery and obstructive sleep apnoea: the protective effects of bariatric procedures. <i>Thorax</i> , 2012 , 67, 442-9	7.3	70
243	What does leadership in surgery entail?. <i>ANZ Journal of Surgery</i> , 2010 , 80, 876-83	1	68
242	Diabetes resolution and hyperinsulinaemia after metabolic Roux-en-Y gastric bypass. <i>Obesity Reviews</i> , 2011 , 12, e257-72	10.6	67
241	Characteristics and predictors of acute and chronic post-COVID syndrome: A systematic review and meta-analysis. <i>EClinicalMedicine</i> , 2021 , 36, 100899	11.3	64
240	How has healthcare research performance been assessed?: a systematic review. <i>Journal of the Royal Society of Medicine</i> , 2011 , 104, 251-61	2.3	59
239	Bariatric Surgery or Non-surgical Weight Loss for Idiopathic Intracranial Hypertension? A Systematic Review and Comparison of Meta-analyses. <i>Obesity Surgery</i> , 2017 , 27, 513-521	3.7	58
238	Online social networking services in the management of patients with diabetes mellitus: systematic review and meta-analysis of randomised controlled trials. <i>Diabetes Research and Clinical Practice</i> , 2014 , 106, 200-11	7.4	57
237	Experimental bariatric surgery in rats generates a cytotoxic chemical environment in the gut contents. <i>Frontiers in Microbiology</i> , 2011 , 2, 183	5.7	56
236	Metabolic surgery: an evolution through bariatric animal models. <i>Obesity Reviews</i> , 2010 , 11, 907-20	10.6	54
235	Challenges for the evaluation of digital health solutions-A call for innovative evidence generation approaches. <i>Npj Digital Medicine</i> , 2020 , 3, 110	15.7	54
234	Mechanisms of disease: the role of gastrointestinal hormones in appetite and obesity. <i>Nature Reviews Gastroenterology & Hepatology</i> , 2008 , 5, 268-77		50
233	The evolution of robotic surgery: surgical and anaesthetic aspects. <i>British Journal of Anaesthesia</i> , 2017 , 119, i72-i84	5.4	49
232	Neurodegenerative disease and obesity: what is the role of weight loss and bariatric interventions?. <i>Metabolic Brain Disease</i> , 2013 , 28, 341-53	3.9	49

231	Diagnostic accuracy of deep learning in medical imaging: a systematic review and meta-analysis. <i>Npj Digital Medicine</i> , 2021 , 4, 65	15.7	49
230	Evidence-based surgery: barriers, solutions, and the role of evidence synthesis. <i>World Journal of Surgery</i> , 2012 , 36, 1723-31	3.3	48
229	Robotic surgery: disruptive innovation or unfulfilled promise? A systematic review and meta-analysis of the first 30 years. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2016 , 30, 4330-32	5.2	47
228	Elevated serum microRNA 483-5p levels may predict patients at risk of post-operative atrial fibrillation. <i>European Journal of Cardio-thoracic Surgery</i> , 2017 , 51, 73-78	3	46
227	Adjunct coronary endarterectomy increases myocardial infarction and early mortality after coronary artery bypass grafting: a meta-analysis. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014 , 19, 462-73	1.8	44
226	Comparative effectiveness of neoadjuvant therapy for HER2-positive breast cancer: a network meta-analysis. <i>Journal of the National Cancer Institute</i> , 2014 , 106,	9.7	42
225	Social networking strategies that aim to reduce obesity have achieved significant although modest results. <i>Health Affairs</i> , 2014 , 33, 1641-7	7	41
224	Does Body Contouring After Bariatric Weight Loss Enhance Quality of Life? A Systematic Review of QOL Studies. <i>Obesity Surgery</i> , 2018 , 28, 3333-3341	3.7	40
223	Bariatric surgery modulates circulating and cardiac metabolites. <i>Journal of Proteome Research</i> , 2014 , 13, 570-80	5.6	40
222	Laparoscopic ultrasonography versus intra-operative cholangiogram for the detection of common bile duct stones during laparoscopic cholecystectomy: a meta-analysis of diagnostic accuracy. <i>International Journal of Surgery</i> , 2014 , 12, 712-9	7.5	39
221	Does obesity affect outcomes in patients undergoing esophagectomy for cancer? A meta-analysis. <i>World Journal of Surgery</i> , 2012 , 36, 1785-95	3.3	38
220	Wearable sensors to improve detection of patient deterioration. <i>Expert Review of Medical Devices</i> , 2019 , 16, 145-154	3.5	37
219	Guidelines for clinical trial protocols for interventions involving artificial intelligence: the SPIRIT-AI extension. <i>The Lancet Digital Health</i> , 2020 , 2, e549-e560	14.4	36
218	Current treatments for obesity. <i>Clinical Medicine</i> , 2019 , 19, 205-212	1.9	34
217	Measuring academic performance for healthcare researchers with the H index: which search tool should be used?. <i>Medical Principles and Practice</i> , 2013 , 22, 178-83	2.1	34
216	Heart remodelling and obesity: the complexities and variation of cardiac geometry. <i>Heart</i> , 2011 , 97, 171-3	3.1	34
215	Reporting guidelines for clinical trial reports for interventions involving artificial intelligence: the CONSORT-AI extension. <i>The Lancet Digital Health</i> , 2020 , 2, e537-e548	14.4	34
214	Usability and Acceptability of Home-based Self-testing for Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Antibodies for Population Surveillance. <i>Clinical Infectious Diseases</i> , 2021 , 72, e384-e393	11.6	34

213	Type 1 Diabetes Mellitus and Bariatric Surgery: A Systematic Review and Meta-Analysis. <i>Obesity Surgery</i> , 2016 , 26, 1697-704	3.7	33
212	Does coronary artery bypass grafting improve quality of life in elderly patients?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2013 , 17, 542-53	1.8	31
211	The EndoBarrier: Duodenal-jejunal Bypass Liner for Diabetes and Weight Loss. <i>Gastroenterology Research and Practice</i> , 2018 , 2018, 7823182	2	31
210	Artificial intelligence and robot responsibilities: innovating beyond rights. <i>Science and Engineering Ethics</i> , 2015 , 21, 317-26	3.1	30
209	AlonAI: a humanitarian law of artificial intelligence and robotics. <i>Science and Engineering Ethics</i> , 2015 , 21, 29-40	3.1	29
208	Systematic review on the predictive ability of frailty assessment measures in cardiac surgery. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2017 , 24, 619-624	1.8	28
207	The impact of mobile technology on teamwork and communication in hospitals: a systematic review. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019 , 26, 339-355	8.6	26
206	Beating-Heart Versus Conventional On-Pump Coronary Artery Bypass Grafting: A Meta-Analysis of Clinical Outcomes. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 2251-60	2.7	26
205	Digital Alerting and Outcomes in Patients With Sepsis: Systematic Review and Meta-Analysis. <i>Journal of Medical Internet Research</i> , 2019 , 21, e15166	7.6	26
204	Use of three-dimensional printing in preoperative planning in orthopaedic trauma surgery: A systematic review and meta-analysis. <i>World Journal of Orthopedics</i> , 2020 , 11, 57-67	2.2	26
203	Metabolic phenotype-microRNA data fusion analysis of the systemic consequences of Roux-en-Y gastric bypass surgery. <i>International Journal of Obesity</i> , 2015 , 39, 1126-34	5.5	25
202	Off-pump versus on-pump coronary revascularization: meta-analysis of mid- and long-term outcomes. <i>Annals of Thoracic Surgery</i> , 2014 , 98, 563-72	2.7	25
201	Obesity-related cardiorenal disease: the benefits of bariatric surgery. <i>Nature Reviews Nephrology</i> , 2013 , 9, 539-51	14.9	25
200	LABEL procedure: Laser-Assisted Bile duct Exploration by Laparoendoscopy for choledocholithiasis: improving surgical outcomes and reducing technical failure. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017 , 31, 2103-2108	5.2	25
199	Colorectal endoscopic submucosal dissection: Systematic review of mid-term clinical outcomes. <i>Digestive Endoscopy</i> , 2016 , 28, 405-416	3.7	25
198	Bariatric surgery and hypertension. <i>Surgery for Obesity and Related Diseases</i> , 2009 , 5, 615-20	3	24
197	SARS-CoV-2 lateral flow assays for possible use in national covid-19 seroprevalence surveys (React 2): diagnostic accuracy study. <i>BMJ, The</i> , 2021 , 372, n423	5.9	24
196	Pulse wave velocity and neutrophil gelatinase-associated lipocalin as predictors of acute kidney injury following aortic valve replacement. <i>Journal of Cardiothoracic Surgery</i> , 2014 , 9, 89	1.6	23

195	EndoBarrier® : a Safe and Effective Novel Treatment for Obesity and Type 2 Diabetes?. <i>Obesity Surgery</i> , 2018 , 28, 1980-1989	3.7	22
194	Guidelines for diagnostic tests and diagnostic accuracy in surgical research. <i>Journal of Investigative Surgery</i> , 2010 , 23, 57-65	1.2	22
193	Diagnostic accuracy meta-analysis: a review of the basic principles of interpretation and application. <i>International Journal of Cardiology</i> , 2010 , 140, 138-44	3.2	22
192	Bariatric surgery - can we afford to do it or deny doing it?. <i>Frontline Gastroenterology</i> , 2011 , 2, 82-89	2.6	22
191	A novel modification of the Turing test for artificial intelligence and robotics in healthcare. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2015 , 11, 38-43	2.9	21
190	Transforming health policy through machine learning. <i>PLoS Medicine</i> , 2018 , 15, e1002692	11.6	21
189	Intragastric balloon outcomes in super-obesity: a 16-year city center hospital series. <i>Surgery for Obesity and Related Diseases</i> , 2018 , 14, 1691-1699	3	20
188	Bariatric surgery and nonalcoholic fatty liver disease. <i>European Journal of Gastroenterology and Hepatology</i> , 2015 , 27, 755-68	2.2	20
187	Mentoring perception, scientific collaboration and research performance: is there a 'gender gap' in academic medicine? An Academic Health Science Centre perspective. <i>Postgraduate Medical Journal</i> , 2016 , 92, 581-6	2	20
186	Takotsubo Cardiomyopathy and Sepsis. <i>Angiology</i> , 2017 , 68, 288-303	2.1	19
185	Network meta-analysis of protocol-driven care and laparoscopic surgery for colorectal cancer. <i>British Journal of Surgery</i> , 2016 , 103, 1783-1794	5.3	19
184	Does coronary endarterectomy technique affect surgical outcome when combined with coronary artery bypass grafting?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014 , 19, 848-55	1.8	19
183	Autobionics: a new paradigm in regenerative medicine and surgery. <i>Regenerative Medicine</i> , 2010 , 5, 279-88	2.8	19
182	Laparoscopic gastric surgery for cancer: where do we stand?. <i>World Journal of Gastroenterology</i> , 2014 , 20, 14280-91	5.6	19
181	Patient safety in inpatient mental health settings: a systematic review. <i>BMJ Open</i> , 2019 , 9, e030230	3	19
180	Small bowel obstruction due to laparoscopic barbed sutures: an unknown complication?. <i>Revista Espanola De Enfermedades Digestivas</i> , 2015 , 107, 677-80	0.9	17
179	Metabolomics: The Stethoscope for the Twenty-First Century. <i>Medical Principles and Practice</i> , 2021 , 30, 301-310	2.1	17
178	Post-operative atrial fibrillation is associated with a pre-existing structural and electrical substrate in human right atrial myocardium. <i>International Journal of Cardiology</i> , 2016 , 220, 580-8	3.2	17

177	Multimodal mixed reality visualisation for intraoperative surgical guidance. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2020 , 15, 819-826	3.9	16
176	Improved physiology and metabolic flux after Roux-en-Y gastric bypass is associated with temporal changes in the circulating microRNAome: a longitudinal study in humans. <i>BMC Obesity</i> , 2018 , 5, 20	3.6	16
175	Pancreatic insulinomas: Laparoscopic management. <i>World Journal of Gastrointestinal Endoscopy</i> , 2015 , 7, 1197-207	2.2	16
174	Clinical impact of multi-parameter continuous non-invasive monitoring in hospital wards: a systematic review and meta-analysis. <i>Journal of the Royal Society of Medicine</i> , 2020 , 113, 217-224	2.3	16
173	Surgical management of superior vena cava syndrome following pacemaker lead infection: a case report and review of the literature. <i>Journal of Cardiothoracic Surgery</i> , 2014 , 9, 107	1.6	15
172	Aortic stiffness is an indicator of cognitive dysfunction before and after aortic valve replacement for aortic stenosis. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014 , 19, 595-604	1.8	15
171	Enhancing the h index for the objective assessment of healthcare researcher performance and impact. <i>Journal of the Royal Society of Medicine</i> , 2013 , 106, 19-29	2.3	15
170	Evaluation of Direct from Sample Metabolomics of Human Feces Using Rapid Evaporative Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2019 , 91, 13448-13457	7.8	14
169	Remote wireless vital signs monitoring on the ward for early detection of deteriorating patients: A case series. <i>International Journal of Nursing Studies</i> , 2020 , 104, 103515	5.8	13
168	Meta-analysis Comparing Fluorescence Imaging with Radioisotope and Blue Dye-Guided Sentinel Node Identification for Breast Cancer Surgery. <i>Annals of Surgical Oncology</i> , 2021 , 28, 3738-3748	3.1	13
167	Distinctive striatal dopamine signaling after dieting and gastric bypass. <i>Trends in Endocrinology and Metabolism</i> , 2015 , 26, 223-30	8.8	12
166	Projected impact of the Portuguese sugar-sweetened beverage tax on obesity incidence across different age groups: A modelling study. <i>PLoS Medicine</i> , 2020 , 17, e1003036	11.6	12
165	What is the effect of laparoscopic colectomy on pattern of colon cancer recurrence? A propensity score and competing risk analysis compared with open colectomy. <i>Annals of Surgical Oncology</i> , 2014 , 21, 2627-35	3.1	12
164	Leonardo da Vinci and the first portrayal of pectus excavatum. <i>Thorax</i> , 2013 , 68, 1081	7.3	12
163	The effect of off-pump coronary artery bypass on mortality after acute coronary syndrome: a meta-analysis. <i>International Journal of Cardiology</i> , 2013 , 169, 339-48	3.2	12
162	Should we consider off-pump coronary artery bypass grafting in patients undergoing coronary endarterectomy?. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014 , 19, 295-301	1.8	12
161	Benchmarking in surgical research. <i>Lancet, The</i> , 2009 , 374, 1045-7	4.0	12
160	Developing a reporting guideline for artificial intelligence-centred diagnostic test accuracy studies: the STARD-AI protocol. <i>BMJ Open</i> , 2021 , 11, e047709	3	12

159	Pre-operative serum VCAM-1 as a biomarker of atrial fibrillation after coronary artery bypass grafting. <i>Journal of Cardiothoracic Surgery</i> , 2017 , 12, 70	1.6	11
158	Is social deprivation associated with weight loss outcomes following bariatric surgery? A 10-year single institutional experience. <i>Obesity Surgery</i> , 2014 , 24, 2126-32	3.7	11
157	Intelligent robots must uphold human rights. <i>Nature</i> , 2015 , 519, 391	50.4	11
156	Automated Vision-Based Microsurgical Skill Analysis in Neurosurgery Using Deep Learning: Development and Preclinical Validation. <i>World Neurosurgery</i> , 2021 , 149, e669-e686	2.1	11
155	Mentoring perception and academic performance: an Academic Health Science Centre survey. <i>Postgraduate Medical Journal</i> , 2016 , 92, 597-602	2	11
154	The Impact of Transcranial Direct Current Stimulation on Upper-Limb Motor Performance in Healthy Adults: A Systematic Review and Meta-Analysis. <i>Frontiers in Neuroscience</i> , 2019 , 13, 1213	5.1	11
153	A systematic review of the safety and efficacy of distal coronary artery anastomotic devices in MIDCAB and TECAB surgery. <i>Perfusion (United Kingdom)</i> , 2016 , 31, 537-43	1.9	10
152	Aortic stiffness as a marker of cardiac function and myocardial strain in patients undergoing aortic valve replacement. <i>Journal of Cardiothoracic Surgery</i> , 2014 , 9, 102	1.6	10
151	Does off-pump coronary revascularization confer superior organ protection in re-operative coronary artery surgery? A meta-analysis of observational studies. <i>Journal of Cardiothoracic Surgery</i> , 2014 , 9, 115	1.6	10
150	Familial epilepsy in the pharaohs of ancient Egypt's eighteenth dynasty. <i>Epilepsy and Behavior</i> , 2012 , 25, 23-31	3.2	10
149	Simulation for skills training in neurosurgery: a systematic review, meta-analysis, and analysis of progressive scholarly acceptance. <i>Neurosurgical Review</i> , 2021 , 44, 1853-1867	3.9	10
148	Can shared leadership enhance clinical team management? A systematic review. <i>Leadership in Health Services</i> , 2019 , 32, 309-335	1.7	9
147	Has the diagnosis of a stroke been overlooked in the symptoms of Julius Caesar?. <i>Neurological Sciences</i> , 2015 , 36, 1521-2	3.5	9
146	Off-pump versus on-pump revascularization in females: a meta-analysis of observational studies. <i>Perfusion (United Kingdom)</i> , 2014 , 29, 385-96	1.9	9
145	National census of UK endoscopy services in 2019. <i>Frontline Gastroenterology</i> , 2021 , 12, 451-460	2.6	9
144	Roux-en-Y gastric bypass-induced bacterial perturbation contributes to altered host-bacterial co-metabolic phenotype. <i>Microbiome</i> , 2021 , 9, 139	16.6	9
143	Evaluating the effect of infographics on public recall, sentiment and willingness to use face masks during the COVID-19 pandemic: a randomised internet-based questionnaire study. <i>BMC Public Health</i> , 2021 , 21, 367	4.1	9
142	Induced Bias Due to Crossover Within Randomized Controlled Trials in Surgical Oncology: A Meta-regression Analysis of Minimally Invasive versus Open Surgery for the Treatment of Gastrointestinal Cancer. <i>Annals of Surgical Oncology</i> , 2018 , 25, 221-230	3.1	9

141	Leonardo da Vinci and the first portrayal of quadricuspid semilunar valves and the nodules of Arantius. <i>International Journal of Cardiology</i> , 2013 , 165, 560-1	3.2	8
140	Henry VIII's obesity following traumatic brain injury. <i>Endocrine</i> , 2012 , 42, 218-9	4	8
139	The Reliability and Quality of YouTube Videos as a Source of Public Health Information Regarding COVID-19 Vaccination: Cross-sectional Study. <i>JMIR Public Health and Surveillance</i> , 2021 , 7, e29942	11.4	8
138	Can Artificial Intelligences Suffer from Mental Illness? A Philosophical Matter to Consider. <i>Science and Engineering Ethics</i> , 2017 , 23, 403-412	3.1	7
137	Bariatric Surgery Modulates Urinary Levels of MicroRNAs Involved in the Regulation of Renal Function. <i>Frontiers in Endocrinology</i> , 2019 , 10, 319	5.7	7
136	A systematic review of the safety and efficacy of distal coronary artery anastomotic devices. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 49, 732-45	3	7
135	Surgical management of infected cardiac implantable electronic devices. <i>International Journal of Cardiology</i> , 2016 , 203, 714-21	3.2	7
134	A proposed role for sepsis in the pathogenesis of myocardial calcification. <i>Acta Cardiologica</i> , 2017 , 72, 249-255	0.9	7
133	Challenges facing totally endoscopic robotic coronary artery bypass grafting. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2015 , 11, 18-29	2.9	7
132	Leonardo da Vinci's Vitruvian Man: a renaissance for inguinal hernias. <i>Hernia: the Journal of Hernias and Abdominal Wall Surgery</i> , 2011 , 15, 593-4	3.2	7
131	Delayed penetrating intrathoracic injury from multiple rib fractures. <i>Journal of Trauma</i> , 2005 , 58, 858-9		7
130	Threats to safe transitions from hospital to home: a consensus study in North West London primary care. <i>British Journal of General Practice</i> , 2020 , 70, e9-e19	1.6	7
129	A national survey assessing public readiness for digital health strategies against COVID-19 within the United Kingdom. <i>Scientific Reports</i> , 2021 , 11, 5958	4.9	7
128	Diagnostic Accuracy of Artificial Intelligence and Computer-Aided Diagnosis for the Detection and Characterization of Colorectal Polyps: Systematic Review and Meta-analysis. <i>Journal of Medical Internet Research</i> , 2021 , 23, e27370	7.6	7
127	Spontaneous mesenteric hematoma complicating an exacerbation of Crohn's disease: report of a case. <i>BMC Surgery</i> , 2014 , 14, 35	2.3	6
126	Translation to success of surgical innovation. <i>European Journal of Cardio-thoracic Surgery</i> , 2010 , 37, 613-25		6
125	Nobel Prizes in medicine: are clinicians out of fashion?. <i>Journal of the Royal Society of Medicine</i> , 2011 , 104, 387-9	2.3	6
124	Duodenal-Jejunal Bypass Liner for the management of Type 2 Diabetes Mellitus and Obesity: A Multicenter Randomized Controlled Trial. <i>Annals of Surgery</i> , 2021 , 275,	7.8	6

123	Are disruptive innovations recognised in the healthcare literature? A systematic review. <i>BMJ Innovations</i> , 2021 , 7, 208-216	1.8	6
122	Assessing the safety of home oximetry for COVID-19: a multisite retrospective observational study. <i>BMJ Open</i> , 2021 , 11, e049235	3	6
121	Clinical outcomes of digital sensor alerting systems in remote monitoring: a systematic review and meta-analysis. <i>Npj Digital Medicine</i> , 2021 , 4, 7	15.7	6
120	Emergency prehospital on-scene thoracotomy: a novel method. <i>Collegium Antropologicum</i> , 2010 , 34, 1449-52	0.1	6
119	Trans-aortic endoscopic ventricular thrombectomy in a patient with HIT and concomitant Aortic and ventricular thromboses. <i>General Thoracic and Cardiovascular Surgery</i> , 2016 , 64, 621-4	1.6	5
118	Collaborative patterns, authorship practices and scientific success in biomedical research: a network analysis. <i>Journal of the Royal Society of Medicine</i> , 2019 , 112, 245-257	2.3	5
117	How revascularization on the beating heart with cardiopulmonary bypass compares to off-pump? A meta-analysis of observational studies. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016 , 22, 63-71	1.8	5
116	Mathematics in medicine: the 300-year legacy of iatromathematics. <i>Lancet, The</i> , 2013 , 382, 1780	40	5
115	A systematic review of left ventricular cardio-endoscopic surgery. <i>Journal of Cardiothoracic Surgery</i> , 2017 , 12, 41	1.6	5
114	A stepped wedge, cluster controlled trial of an intervention to improve safety and quality on medical wards: the HEADS-UP study protocol. <i>BMJ Open</i> , 2015 , 5, e007510	3	5
113	Late surgical repair of a traumatic ventricular septal defect. <i>Journal of Cardiothoracic Surgery</i> , 2014 , 9, 145	1.6	5
112	Pulmonary homograft endocarditis 19 years after a Ross procedure. <i>Thoracic and Cardiovascular Surgeon</i> , 2007 , 55, 55-6	1.6	5
111	A quality assessment tool for artificial intelligence-centered diagnostic test accuracy studies: QUADAS-AI. <i>Nature Medicine</i> , 2021 , 27, 1663-1665	50.5	5
110	Patient Perceptions on Data Sharing and Applying Artificial Intelligence to Health Care Data: Cross-sectional Survey. <i>Journal of Medical Internet Research</i> , 2021 , 23, e26162	7.6	5
109	Design of the pilot, proof of concept REMOTE-COVID trial: remote monitoring use in suspected cases of COVID-19 (SARS-CoV-2). <i>Pilot and Feasibility Studies</i> , 2021 , 7, 62	1.9	5
108	From EHR to PHR: let's get the record straight. <i>BMJ Open</i> , 2019 , 9, e029582	3	5
107	Understanding health management and safety decisions using signal processing and machine learning. <i>BMC Medical Research Methodology</i> , 2019 , 19, 121	4.7	4
106	Influence of body mass index on outcomes after minimal-access aortic valve replacement through a J-shaped partial upper sternotomy. <i>Journal of Cardiothoracic Surgery</i> , 2016 , 11, 74	1.6	4

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