## Hutan Ashrafian

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7979428/publications.pdf

Version: 2024-02-01

272 papers

11,384 citations

41344 49 h-index 95 g-index

297 all docs

297 docs citations

times ranked

297

15353 citing authors

#	Article	IF	CITATIONS
1	International evaluation of an AI system for breast cancer screening. Nature, 2020, 577, 89-94.	27.8	1,458
2	Understanding the role of gut microbiome $\hat{a} \in \hat{b}$ thost metabolic signal disruption in health and disease. Trends in Microbiology, 2011, 19, 349-359.	7.7	452
3	Metabolic surgery profoundly influences gut microbial-host metabolic cross-talk. Gut, 2011, 60, 1214-1223.	12.1	391
4	Reporting guidelines for clinical trial reports for interventions involving artificial intelligence: the CONSORT-AI extension. Nature Medicine, 2020, 26, 1364-1374.	30.7	353
5	Technologies for global health. Lancet, The, 2012, 380, 507-535.	13.7	311
6	Diagnostic accuracy of deep learning in medical imaging: a systematic review and meta-analysis. Npj Digital Medicine, 2021, 4, 65.	10.9	294
7	Guidelines for clinical trial protocols for interventions involving artificial intelligence: the SPIRIT-AI extension. Nature Medicine, 2020, 26, 1351-1363.	30.7	251
8	Does Sleeve Gastrectomy Expose the Distal Esophagus to Severe Reflux?. Annals of Surgery, 2020, 271, 257-265.	4.2	220
9	Effects of Bariatric Surgery on Cardiovascular Function. Circulation, 2008, 118, 2091-2102.	1.6	211
10	Characteristics and predictors of acute and chronic post-COVID syndrome: A systematic review and meta-analysis. EClinicalMedicine, 2021, 36, 100899.	7.1	211
11	Gastric bypass reduces fat intake and preference. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R1057-R1066.	1.8	207
12	Bariatric Surgery and Non-Alcoholic Fatty Liver Disease: a Systematic Review of Liver Biochemistry and Histology. Obesity Surgery, 2015, 25, 2280-2289.	2.1	205
13	Legal, regulatory, and ethical frameworks for development of standards in artificial intelligence (AI) and autonomous robotic surgery. International Journal of Medical Robotics and Computer Assisted Surgery, 2019, 15, e1968.	2.3	184
14	Adhesions after abdominal surgery: a systematic review of the incidence, distribution and severity. Surgery Today, 2014, 44, 405-420.	1.5	170
15	Developing specific reporting guidelines for diagnostic accuracy studies assessing Al interventions: The STARD-Al Steering Group. Nature Medicine, 2020, 26, 807-808.	30.7	166
16	A Diagnostic Accuracy Meta-analysis of Endoanal Ultrasound and MRI for Perianal Fistula Assessment. Diseases of the Colon and Rectum, 2012, 55, 576-585.	1.3	163
17	Challenges for the evaluation of digital health solutionsâ€"A call for innovative evidence generation approaches. Npj Digital Medicine, 2020, 3, 110.	10.9	163
18	Bariatric Surgery or Non-Surgical Weight Loss for Obstructive Sleep Apnoea? A Systematic Review and Comparison of Meta-analyses. Obesity Surgery, 2015, 25, 1239-1250.	2.1	149

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19	Guidelines for clinical trial protocols for interventions involving artificial intelligence: the SPIRIT-AI extension. The Lancet Digital Health, 2020, 2, e549-e560.	12.3	135
20	Metabolic surgery and cancer. Cancer, 2011, 117, 1788-1799.	4.1	134
21	Clinical and laboratory evaluation of SARS-CoV-2 lateral flow assays for use in a national COVID-19 seroprevalence survey. Thorax, 2020, 75, 1082-1088.	5.6	133
22	Body Mass Index Category as a Risk Factor for Colorectal Adenomas: A Systematic Review and Meta-Analysis. American Journal of Gastroenterology, 2012, 107, 1175-1185.	0.4	124
23	The Effects of Bariatric Surgery on Cardiac Structure and Function: a Systematic Review of Cardiac Imaging Outcomes. Obesity Surgery, 2016, 26, 1030-1040.	2.1	118
24	Reporting guidelines for clinical trial reports for interventions involving artificial intelligence: the CONSORT-AI extension. The Lancet Digital Health, 2020, 2, e537-e548.	12.3	112
25	Developing a reporting guideline for artificial intelligence-centred diagnostic test accuracy studies: the STARD-Al protocol. BMJ Open, 2021, 11, e047709.	1.9	102
26	The evolution of robotic surgery: surgical and anaesthetic aspects. British Journal of Anaesthesia, 2017, 119, i72-i84.	3.4	100
27	Current treatments for obesity. Clinical Medicine, 2019, 19, 205-212.	1.9	98
28	Effects of Interdisciplinary Team Care Interventions on General Medical Wards. JAMA Internal Medicine, 2015, 175, 1288.	5.1	97
29	Metabolic surgery and gut hormones – A review of bariatric entero-humoral modulation. Physiology and Behavior, 2009, 97, 620-631.	2.1	92
30	Which Hemostatic Device in Thyroid Surgery? A Network Meta-Analysis of Surgical Technologies. Thyroid, 2013, 23, 1138-1150.	4.5	92
31	What does leadership in surgery entail?. ANZ Journal of Surgery, 2010, 80, 876-883.	0.7	87
32	Metabolic surgery and obstructive sleep apnoea: the protective effects of bariatric procedures. Thorax, 2012, 67, 442-449.	5.6	87
33	Diabetes resolution and hyperinsulinaemia after metabolic Rouxâ€enâ€Y gastric bypass. Obesity Reviews, 2011, 12, e257-72.	6.5	80
34	Online social networking services in the management of patients with diabetes mellitus: Systematic review and meta-analysis of randomised controlled trials. Diabetes Research and Clinical Practice, 2014, 106, 200-211.	2.8	76
35	A quality assessment tool for artificial intelligence-centered diagnostic test accuracy studies: QUADAS-AI. Nature Medicine, 2021, 27, 1663-1665.	30.7	76
36	Bariatric Surgery or Non-surgical Weight Loss for Idiopathic Intracranial Hypertension? A Systematic Review and Comparison of Meta-analyses. Obesity Surgery, 2017, 27, 513-521.	2.1	74

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37	Wearable sensors to improve detection of patient deterioration. Expert Review of Medical Devices, 2019, 16, 145-154.	2.8	70
38	Metabolic surgery: an evolution through bariatric animal models. Obesity Reviews, 2010, 11, 907-920.	6.5	68
39	Robotic surgery: disruptive innovation or unfulfilled promise? A systematic review and meta-analysis of the first 30Ayears. Surgical Endoscopy and Other Interventional Techniques, 2016, 30, 4330-4352.	2.4	68
40	How has healthcare research performance been assessed? A systematic review. Journal of the Royal Society of Medicine, 2011, 104, 251-261.	2.0	66
41	Experimental bariatric surgery in rats generates a cytotoxic chemical environment in the gut contents. Frontiers in Microbiology, 2011, 2, 183.	3.5	62
42	Does Body Contouring After Bariatric Weight Loss Enhance Quality of Life? A Systematic Review of QOL Studies. Obesity Surgery, 2018, 28, 3333-3341.	2.1	62
43	Elevated serum microRNA 483-5p levels may predict patients at risk of post-operative atrial fibrillation. European Journal of Cardio-thoracic Surgery, 2017, 51, 73-78.	1.4	61
44	Neurodegenerative disease and obesity: what is the role of weight loss and bariatric interventions?. Metabolic Brain Disease, 2013, 28, 341-353.	2.9	60
45	Adjunct coronary endarterectomy increases myocardial infarction and early mortality after coronary artery bypass grafting: a meta-analysis. Interactive Cardiovascular and Thoracic Surgery, 2014, 19, 462-473.	1.1	58
46	Mechanisms of Disease: the role of gastrointestinal hormones in appetite and obesity. Nature Reviews Gastroenterology & Hepatology, 2008, 5, 268-277.	1.7	57
47	Evidenceâ€Based Surgery: Barriers, Solutions, and the Role of Evidence Synthesis. World Journal of Surgery, 2012, 36, 1723-1731.	1.6	56
48	SARS-CoV-2 lateral flow assays for possible use in national covid-19 seroprevalence surveys (React 2): diagnostic accuracy study. BMJ, The, 2021, 372, n423.	6.0	56
49	Usability and Acceptability of Home-based Self-testing for Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Antibodies for Population Surveillance. Clinical Infectious Diseases, 2021, 72, e384-e393.	5.8	55
50	Laparoscopic ultrasonography versus intra-operative cholangiogram for the detection of common bile duct stones during laparoscopic cholecystectomy: A meta-analysis of diagnostic accuracy. International Journal of Surgery, 2014, 12, 712-719.	2.7	54
51	The impact of mobile technology on teamwork and communication in hospitals: a systematic review. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 339-355.	4.4	54
52	Patient safety in inpatient mental health settings: a systematic review. BMJ Open, 2019, 9, e030230.	1.9	54
53	Social Networking Strategies That Aim To Reduce Obesity Have Achieved Significant Although Modest Results. Health Affairs, 2014, 33, 1641-1647.	5.2	53
54	Patient Perceptions on Data Sharing and Applying Artificial Intelligence to Health Care Data: Cross-sectional Survey. Journal of Medical Internet Research, 2021, 23, e26162.	4.3	50

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55	Comparative Effectiveness of Neoadjuvant Therapy for HER2–Positive Breast Cancer: A Network Meta-Analysis. Journal of the National Cancer Institute, 2014, 106, .	6.3	49
56	Artificial Intelligence and Robot Responsibilities: Innovating Beyond Rights. Science and Engineering Ethics, 2015, 21, 317-326.	2.9	49
57	Use of three-dimensional printing in preoperative planning in orthopaedic trauma surgery: A systematic review and meta-analysis. World Journal of Orthopedics, 2019, 11, 57-67.	1.8	49
58	Does Obesity Affect Outcomes in Patients Undergoing Esophagectomy for Cancer? A Metaâ€analysis. World Journal of Surgery, 2012, 36, 1785-1795.	1.6	48
59	Bariatric Surgery Modulates Circulating and Cardiac Metabolites. Journal of Proteome Research, 2014, 13, 570-580.	3.7	48
60	The EndoBarrier: Duodenal-Jejunal Bypass Liner for Diabetes and Weight Loss. Gastroenterology Research and Practice, 2018, 2018, 1-9.	1.5	47
61	Type 1 Diabetes Mellitus and Bariatric Surgery: A Systematic Review and Meta-Analysis. Obesity Surgery, 2016, 26, 1697-1704.	2.1	46
62	Metabolomics: The Stethoscope for the Twenty-First Century. Medical Principles and Practice, 2021, 30, 301-310.	2.4	46
63	Transforming health policy through machine learning. PLoS Medicine, 2018, 15, e1002692.	8.4	45
64	Multimodal mixed reality visualisation for intraoperative surgical guidance. International Journal of Computer Assisted Radiology and Surgery, 2020, 15, 819-826.	2.8	44
65	Meta-analysis Comparing Fluorescence Imaging with Radioisotope and Blue Dye-Guided Sentinel Node Identification for Breast Cancer Surgery. Annals of Surgical Oncology, 2021, 28, 3738-3748.	1.5	44
66	Heart remodelling and obesity: the complexities and variation of cardiac geometry. Heart, 2011, 97, 171-172.	2.9	43
67	Digital Alerting and Outcomes in Patients With Sepsis: Systematic Review and Meta-Analysis. Journal of Medical Internet Research, 2019, 21, e15166.	4.3	41
68	Measuring Academic Performance for Healthcare Researchers with the H Index: Which Search Tool Should Be Used?. Medical Principles and Practice, 2013, 22, 178-183.	2.4	40
69	AlonAl: A Humanitarian Law of Artificial Intelligence and Robotics. Science and Engineering Ethics, 2015, 21, 29-40.	2.9	39
70	Simulation for skills training in neurosurgery: a systematic review, meta-analysis, and analysis of progressive scholarly acceptance. Neurosurgical Review, 2021, 44, 1853-1867.	2.4	39
71	A novel modification of the Turing test for artificial intelligence and robotics in healthcare. International Journal of Medical Robotics and Computer Assisted Surgery, 2015, 11, 38-43.	2.3	38
72	Clinical impact of multi-parameter continuous non-invasive monitoring in hospital wards: a systematic review and meta-analysis. Journal of the Royal Society of Medicine, 2020, 113, 217-224.	2.0	38

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73	National census of UK endoscopy services in 2019. Frontline Gastroenterology, 2021, 12, 451-460.	1.8	38
74	Does coronary artery bypass grafting improve quality of life in elderly patients?. Interactive Cardiovascular and Thoracic Surgery, 2013, 17, 542-553.	1.1	36
75	Diagnostic Accuracy of Artificial Intelligence and Computer-Aided Diagnosis for the Detection and Characterization of Colorectal Polyps: Systematic Review and Meta-analysis. Journal of Medical Internet Research, 2021, 23, e27370.	4.3	36
76	Systematic review on the predictive ability of frailty assessment measures in cardiac surgery. Interactive Cardiovascular and Thoracic Surgery, 2017, 24, ivw374.	1.1	35
77	Remote wireless vital signs monitoring on the ward for early detection of deteriorating patients: A case series. International Journal of Nursing Studies, 2020, 104, 103515.	<b>5.</b> 6	35
78	Beating-Heart Versus Conventional On-Pump Coronary Artery Bypass Grafting: A Meta-Analysis of Clinical Outcomes. Annals of Thoracic Surgery, 2015, 100, 2251-2260.	1.3	34
79	The Reliability and Quality of YouTube Videos as a Source of Public Health Information Regarding COVID-19 Vaccination: Cross-sectional Study. JMIR Public Health and Surveillance, 2021, 7, e29942.	2.6	34
80	Colorectal endoscopic submucosal dissection: Systematic review of midâ€term clinical outcomes. Digestive Endoscopy, 2016, 28, 405-416.	2.3	33
81	LABEL procedure: Laser-Assisted Bile duct Exploration by Laparoendoscopy for choledocholithiasis: improving surgical outcomes and reducing technical failure. Surgical Endoscopy and Other Interventional Techniques, 2017, 31, 2103-2108.	2.4	32
82	EndoBarrier $\hat{A}^{@}$ : a Safe and Effective Novel Treatment for Obesity and Type 2 Diabetes?. Obesity Surgery, 2018, 28, 1980-1989.	2.1	32
83	Bariatric surgery and hypertension. Surgery for Obesity and Related Diseases, 2009, 5, 615-620.	1.2	30
84	Pulse wave velocity and neutrophil gelatinase-associated lipocalin as predictors of acute kidney injury following aortic valve replacement. Journal of Cardiothoracic Surgery, 2014, 9, 89.	1.1	30
85	Metabolic phenotype-microRNA data fusion analysis of the systemic consequences of Roux-en-Y gastric bypass surgery. International Journal of Obesity, 2015, 39, 1126-1134.	3.4	30
86	Diagnostic Accuracy of Smartwatches for the Detection of Cardiac Arrhythmia: Systematic Review and Meta-analysis. Journal of Medical Internet Research, 2021, 23, e28974.	4.3	29
87	Off-Pump Versus On-Pump Coronary Revascularization: Meta-Analysis of Mid- and Long-Term Outcomes. Annals of Thoracic Surgery, 2014, 98, 563-572.	1.3	28
88	Network meta-analysis of protocol-driven care and laparoscopic surgery for colorectal cancer. British Journal of Surgery, 2016, 103, 1783-1794.	0.3	28
89	Mentoring perception, scientific collaboration and research performance: is there a †gender gap†in academic medicine? An Academic Health Science Centre perspective. Postgraduate Medical Journal, 2016, 92, 581-586.	1.8	27
90	Intragastric balloon outcomes in super-obesity: a 16-year city center hospital series. Surgery for Obesity and Related Diseases, 2018, 14, 1691-1699.	1.2	27

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91	Quality assessment standards in artificial intelligence diagnostic accuracy systematic reviews: a meta-research study. Npj Digital Medicine, 2022, 5, 11.	10.9	27
92	Trends and associated factors for Covid-19 hospitalisation and fatality risk in 2.3 million adults in England. Nature Communications, 2022, 13, 2356.	12.8	27
93	Obesity-related cardiorenal disease: the benefits of bariatric surgery. Nature Reviews Nephrology, 2013, 9, 539-551.	9.6	26
94	Does coronary endarterectomy technique affect surgical outcome when combined with coronary artery bypass grafting?: Table 1:. Interactive Cardiovascular and Thoracic Surgery, 2014, 19, 848-855.	1.1	26
95	Takotsubo Cardiomyopathy and Sepsis. Angiology, 2017, 68, 288-303.	1.8	26
96	Projected impact of the Portuguese sugar-sweetened beverageÂtax on obesity incidence across different age groups: AÂmodelling study. PLoS Medicine, 2020, 17, e1003036.	8.4	26
97	Automated Vision-Based Microsurgical Skill Analysis in Neurosurgery Using Deep Learning: Development and Preclinical Validation. World Neurosurgery, 2021, 149, e669-e686.	1.3	26
98	Roux-en-Y gastric bypass-induced bacterial perturbation contributes to altered host-bacterial co-metabolic phenotype. Microbiome, 2021, 9, 139.	11.1	26
99	Guidelines for Diagnostic Tests and Diagnostic Accuracy in Surgical Research. Journal of Investigative Surgery, 2010, 23, 57-65.	1.3	25
100	Bariatric surgery: can we afford to do it or deny doing it?. Frontline Gastroenterology, 2011, 2, 82-89.	1.8	25
101	Bariatric surgery and nonalcoholic fatty liver disease. European Journal of Gastroenterology and Hepatology, 2015, 27, 755-768.	1.6	25
102	Post-operative atrial fibrillation is associated with a pre-existing structural and electrical substrate in human right atrial myocardium. International Journal of Cardiology, 2016, 220, 580-588.	1.7	25
103	Can shared leadership enhance clinical team management? A systematic review. Leadership in Health Services, 2019, 32, 309-335.	1.2	25
104	The Impact of Transcranial Direct Current Stimulation on Upper-Limb Motor Performance in Healthy Adults: A Systematic Review and Meta-Analysis. Frontiers in Neuroscience, 2019, 13, 1213.	2.8	25
105	Assessing the safety of home oximetry for COVID-19: a multisite retrospective observational study. BMJ Open, 2021, 11, e049235.	1.9	25
106	Laparoscopic gastric surgery for cancer: Where do we stand?. World Journal of Gastroenterology, 2014, 20, 14280.	3.3	24
107	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. BMC Obesity, 2018, 5, 20.	3.1	23
108	An interactive dashboard to track themes, development maturity, and global equity in clinical artificial intelligence research. The Lancet Digital Health, 2022, 4, e212-e213.	12.3	23

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109	A systematic review of robotic surgery: From supervised paradigms to fully autonomous robotic approaches. International Journal of Medical Robotics and Computer Assisted Surgery, 2022, 18, e2358.	2.3	23
110	Diagnostic accuracy meta-analysis: A review of the basic principles of interpretation and application. International Journal of Cardiology, 2010, 140, 138-144.	1.7	22
111	Evaluation of Direct from Sample Metabolomics of Human Feces Using Rapid Evaporative Ionization Mass Spectrometry. Analytical Chemistry, 2019, 91, 13448-13457.	6.5	22
112	Threats to safe transitions from hospital to home: a consensus study in North West London primary care. British Journal of General Practice, 2020, 70, e9-e19.	1.4	22
113	Are disruptive innovations recognised in the healthcare literature? A systematic review. BMJ Innovations, 2021, 7, 208-216.	1.7	22
114	Small bowel obstruction due to laparoscopic barbed sutures: An unknown complication?. Revista Espanola De Enfermedades Digestivas, 2015, 107, 677-80.	0.3	22
115	Pancreatic insulinomas: Laparoscopic management. World Journal of Gastrointestinal Endoscopy, 2015, 7, 1197.	1.2	22
116	Autobionics: a new paradigm in regenerative medicine and surgery. Regenerative Medicine, 2010, 5, 279-288.	1.7	21
117	Clinical outcomes of digital sensor alerting systems in remote monitoring: a systematic review and meta-analysis. Npj Digital Medicine, 2021, 4, 7.	10.9	21
118	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. BMC Public Health, 2021, 21, 367.	2.9	20
119	Aortic stiffness is an indicator of cognitive dysfunction before and after aortic valve replacement for aortic stenosis. Interactive Cardiovascular and Thoracic Surgery, 2014, 19, 595-604.	1.1	18
120	Surgical management of superior vena cava syndrome following pacemaker lead infection: a case report and review of the literature. Journal of Cardiothoracic Surgery, 2014, 9, 107.	1.1	18
121	Pre-operative serum VCAM-1 as a biomarker of atrial fibrillation after coronary artery bypass grafting. Journal of Cardiothoracic Surgery, 2017, 12, 70.	1.1	18
122	A national survey assessing public readiness for digital health strategies against COVID-19 within the United Kingdom. Scientific Reports, 2021, 11, 5958.	3.3	18
123	Enhancing the h index for the objective assessment of healthcare researcher performance and impact. Journal of the Royal Society of Medicine, 2013, 106, 19-29.	2.0	17
124	The effect of off-pump coronary artery bypass on mortality after acute coronary syndrome: A meta-analysis. International Journal of Cardiology, 2013, 169, 339-348.	1.7	16
125	From EHR to PHR: let's get the record straight. BMJ Open, 2019, 9, e029582.	1.9	16
126	Duodenal-Jejunal Bypass Liner for the management of Type 2 Diabetes Mellitus and Obesity. Annals of Surgery, 2022, 275, 440-447.	4.2	16

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127	What is the Effect of Laparoscopic Colectomy on Pattern of Colon Cancer Recurrence? A Propensity Score and Competing Risk Analysis Compared with Open Colectomy. Annals of Surgical Oncology, 2014, 21, 2627-2635.	1.5	15
128	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. Annals of Surgical Oncology, 2018, 25, 221-230.	1.5	15
129	Intelligent robots must uphold human rights. Nature, 2015, 519, 391-391.	27.8	15
130	Benchmarking in surgical research. Lancet, The, 2009, 374, 1045-1047.	13.7	14
131	Translation to success of surgical innovationâ <sup>†</sup> . European Journal of Cardio-thoracic Surgery, 2010, 37, 613-625.	1.4	14
132	Familial epilepsy in the pharaohs of ancient Egypt's eighteenth dynasty. Epilepsy and Behavior, 2012, 25, 23-31.	1.7	14
133	Leonardo da Vinci and the first portrayal of pectus excavatum. Thorax, 2013, 68, 1081-1081.	5.6	14
134	Should we consider off-pump coronary artery bypass grafting in patients undergoing coronary endarterectomy?: Table 1:. Interactive Cardiovascular and Thoracic Surgery, 2014, 19, 295-301.	1.1	14
135	Has the diagnosis of a stroke been overlooked in the symptoms of Julius Caesar?. Neurological Sciences, 2015, 36, 1521-1522.	1.9	13
136	The endoscopic predictors of <i>Helicobacter pylori</i> status: a meta-analysis of diagnostic performance. Therapeutic Advances in Gastrointestinal Endoscopy, 2020, 13, 263177452095084.	1.9	13
137	Does off-pump coronary revascularization confer superior organ protection in re-operative coronary artery surgery? A meta-analysis of observational studies. Journal of Cardiothoracic Surgery, 2014, 9, 115.	1.1	12
138	Aortic stiffness as a marker of cardiac function and myocardial strain in patients undergoing aortic valve replacement. Journal of Cardiothoracic Surgery, 2014, 9, 102.	1.1	12
139	Distinctive striatal dopamine signaling after dieting and gastric bypass. Trends in Endocrinology and Metabolism, 2015, 26, 223-230.	7.1	12
140	A systematic review of the safety and efficacy of distal coronary artery anastomotic devices. European Journal of Cardio-thoracic Surgery, 2016, 49, 732-745.	1.4	12
141	A systematic review of the safety and efficacy of distal coronary artery anastomotic devices in MIDCAB and TECAB surgery. Perfusion (United Kingdom), 2016, 31, 537-543.	1.0	12
142	Breaking Bad News Training in the COVID-19 Era and Beyond. Journal of Medical Education and Curricular Development, 2020, 7, 238212052093870.	1.5	12
143	Design of the pilot, proof of concept REMOTE-COVID trial: remote monitoring use in suspected cases of COVID-19 (SARS-CoV-2). Pilot and Feasibility Studies, 2021, 7, 62.	1.2	12
144	A case for improved assessment of gut permeability: a meta-analysis quantifying the lactulose:mannitol ratio in coeliac and Crohn's disease. BMC Gastroenterology, 2022, 22, 16.	2.0	12

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145	Off-pump versus on-pump revascularization in females: a meta-analysis of observational studies. Perfusion (United Kingdom), 2014, 29, 385-396.	1.0	11
146	Is Social Deprivation Associated with Weight Loss Outcomes Following Bariatric Surgery? A 10-Year Single Institutional Experience. Obesity Surgery, 2014, 24, 2126-2132.	2.1	11
147	Mentoring perception and academic performance: an Academic Health Science Centre survey. Postgraduate Medical Journal, 2016, 92, 597-602.	1.8	11
148	Can Artificial Intelligences Suffer from Mental Illness? A Philosophical Matter to Consider. Science and Engineering Ethics, 2017, 23, 403-412.	2.9	11
149	A proposed role for sepsis in the pathogenesis of myocardial calcification. Acta Cardiologica, 2017, 72, 249-255.	0.9	11
150	Operational framework and training standard requirements for Alâ€empowered robotic surgery. International Journal of Medical Robotics and Computer Assisted Surgery, 2020, 16, 1-13.	2.3	11
151	Electronic Health Records, Interoperability and Patient Safety in Health Systems of High-income Countries: A Systematic Review Protocol. BMJ Open, 2021, 11, e044941.	1.9	11
152	Delayed Penetrating Intrathoracic Injury from Multiple Rib Fractures. Journal of Trauma, 2005, 58, 858-859.	2.3	10
153	Leonardo da Vinci and the first portrayal of quadricuspid semilunar valves and the nodules of Arantius. International Journal of Cardiology, 2013, 165, 560-561.	1.7	10
154	Short-Term Wearable Sensors for In-Hospital Medical and Surgical Patients: Mixed Methods Analysis of Patient Perspectives. JMIR Perioperative Medicine, 2021, 4, e18836.	1.0	10
155	Quality Social Connection as an Active Ingredient in Digital Interventions for Young People With Depression and Anxiety: Systematic Scoping Review and Meta-analysis. Journal of Medical Internet Research, 2021, 23, e26584.	4.3	10
156	Does computer-aided diagnostic endoscopy improve the detection of commonly missed polyps? A meta-analysis. Clinical Endoscopy, 2022, 55, 355-364.	1.5	10
157	Leonardo da Vinci's Vitruvian Man: a renaissance for inguinal hernias. Hernia: the Journal of Hernias and Abdominal Wall Surgery, 2011, 15, 593-594.	2.0	9
158	Nobel Prizes in Medicine: are clinicians out of fashion?. Journal of the Royal Society of Medicine, 2011, 104, 387-389.	2.0	9
159	Collaborative patterns, authorship practices and scientific success in biomedical research: a network analysis. Journal of the Royal Society of Medicine, 2019, 112, 245-257.	2.0	9
160	Obese patients and robotic colorectal surgery: systematic review and meta-analysis. BJS Open, 2020, 4, 1042-1053.	1.7	9
161	Characterising the nationwide burden and predictors of unkept outpatient appointments in the National Health Service in England: A cohort study using a machine learning approach. PLoS Medicine, 2021, 18, e1003783.	8.4	9
162	Ethics methods are required as part of reporting guidelines for artificial intelligence in healthcare. Nature Machine Intelligence, 2022, 4, 316-317.	16.0	9

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163	Henry VIII's obesity following traumatic brain injury. Endocrine, 2012, 42, 218-219.	2.3	8
164	Spontaneous mesenteric hematoma complicating an exacerbation of Crohn's disease: report of a case. BMC Surgery, 2014, 14, 35.	1.3	8
165	How revascularization on the beating heart with cardiopulmonary bypass compares to off-pump? A meta-analysis of observational studies. Interactive Cardiovascular and Thoracic Surgery, 2016, 22, 63-71.	1.1	8
166	Diagnostic accuracy of i-scan image enhancement for real-time endoscopic diagnosis of small colorectal polyps: a meta-analysis. Therapeutic Advances in Gastroenterology, 2018, 11, 175628481881494.	3.2	8
167	Bariatric Surgery Modulates Urinary Levels of MicroRNAs Involved in the Regulation of Renal Function. Frontiers in Endocrinology, 2019, 10, 319.	3.5	8
168	Late surgical repair of a traumatic ventricular septal defect. Journal of Cardiothoracic Surgery, 2014, 9, 145.	1.1	7
169	Right Ventricular Outflow Tract Obstruction Caused by Double-Chambered Right Ventricle Presenting in Adulthood. Texas Heart Institute Journal, 2014, 41, 425-428.	0.3	7
170	Challenges facing totally endoscopic robotic coronary artery bypass grafting. International Journal of Medical Robotics and Computer Assisted Surgery, 2015, 11, 18-29.	2.3	7
171	Influence of body mass index on outcomes after minimal-access aortic valve replacement through a J-shaped partial upper sternotomy. Journal of Cardiothoracic Surgery, 2016, 11, 74.	1.1	7
172	Surgical management of infected cardiac implantable electronic devices. International Journal of Cardiology, 2016, 203, 714-721.	1.7	7
173	A systematic review of left ventricular cardio-endoscopic surgery. Journal of Cardiothoracic Surgery, 2017, 12, 41.	1.1	7
174	Anastomotic leaks can be detected within 5Âdays following ileorectal anastomosis: a case ontrolled study in patients with familial adenomatous polyposis. Colorectal Disease, 2017, 19, 251-259.	1.4	7
175	Understanding health management and safety decisions using signal processing and machine learning. BMC Medical Research Methodology, 2019, 19, 121.	3.1	7
176	The Ethics of Taxing Sugar-Sweetened Beverages to Improve Public Health. Frontiers in Public Health, 2020, 8, 110.	2.7	7
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