Rickey E Carter

List of Publications by Year
in descending order

172 papers	10,400 citations	53794 45 h-index	42399 92 g-index
183 all docs	183 docs citations	183 times ranked	15331 citing authors

#	Article	IF	Citations
1	An artificial intelligence-enabled ECG algorithm for the identification of patients with atrial fibrillation during sinus rhythm: a retrospective analysis of outcome prediction. Lancet, The, 2019, 394, 861-867.	13.7	794
2	Screening for cardiac contractile dysfunction using an artificial intelligence–enabled electrocardiogram. Nature Medicine, 2019, 25, 70-74.	30.7	686
3	A Simple, Evidence-Based Approach to Help Guide Diagnosis of Heart Failure With Preserved Ejection Fraction. Circulation, 2018, 138, 861-870.	1.6	680
4	Convalescent Plasma Antibody Levels and the Risk of Death from Covid-19. New England Journal of Medicine, 2021, 384, 1015-1027.	27.0	438
5	Recommendations for Planning Pilot Studies in Clinical and Translational Research. Clinical and Translational Science, 2011, 4, 332-337.	3.1	420
6	Early safety indicators of COVID-19 convalescent plasma in 5000 patients. Journal of Clinical Investigation, 2020, 130, 4791-4797.	8.2	386
7	Enhanced Protein Translation Underlies Improved Metabolic and Physical Adaptations to Different Exercise Training Modes in Young and Old Humans. Cell Metabolism, 2017, 25, 581-592.	16.2	381
8	Safety Update. Mayo Clinic Proceedings, 2020, 95, 1888-1897.	3.0	364
9	Moving beyond regression techniques in cardiovascular risk prediction: applying machine learning to address analytic challenges. European Heart Journal, 2017, 38, ehw302.	2.2	276
10	Age and Sex Estimation Using Artificial Intelligence From Standard 12-Lead ECGs. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e007284.	4.8	213
11	Effect of Aspirin on Development of ARDS in At-Risk Patients Presenting to the Emergency Department. JAMA - Journal of the American Medical Association, 2016, 315, 2406.	7.4	194
12	Development and Validation of a Deep-Learning Model to Screen for Hyperkalemia From the Electrocardiogram. JAMA Cardiology, 2019, 4, 428.	6.1	188
13	Detection of Hypertrophic Cardiomyopathy Using a Convolutional Neural Network-Enabled Electrocardiogram. Journal of the American College of Cardiology, 2020, 75, 722-733.	2.8	183
14	The haemodynamic basis of lung congestion during exercise in heart failure with preserved ejection fraction. European Heart Journal, 2019, 40, 3721-3730.	2.2	155
15	Regional brain stiffness changes across the Alzheimer's disease spectrum. NeuroImage: Clinical, 2016, 10, 283-290.	2.7	152
16	MRI texture features as biomarkers to predict MGMT methylation status in glioblastomas. Medical Physics, 2016, 43, 2835-2844.	3.0	142
17	Low–dose <scp>CT</scp> for the detection and classification of metastatic liver lesions: Results of the 2016 Low Dose <scp>CT</scp> Grand Challenge. Medical Physics, 2017, 44, e339-e352.	3.0	132
18	The Effect of Convalescent Plasma Therapy on Mortality Among Patients With COVID-19: Systematic Review and Meta-analysis. Mayo Clinic Proceedings, 2021, 96, 1262-1275.	3.0	129

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19	Artificial Intelligence in Cardiology: Present and Future. Mayo Clinic Proceedings, 2020, 95, 1015-1039.	3.0	127
20	Prediction of human observer performance in a 2â€alternative forced choice lowâ€contrast detection task using channelized Hotelling observer: Impact of radiation dose and reconstruction algorithms. Medical Physics, 2013, 40, 041908.	3.0	117
21	Degradation of CT Low-Contrast Spatial Resolution Due to the Use of Iterative Reconstruction and Reduced Dose Levels. Radiology, 2015, 276, 499-506.	7.3	116
22	Prospective validation of a deep learning electrocardiogram algorithm for the detection of left ventricular systolic dysfunction. Journal of Cardiovascular Electrophysiology, 2019, 30, 668-674.	1.7	98
23	Electrocardiogram screening for aortic valve stenosis using artificial intelligence. European Heart Journal, 2021, 42, 2885-2896.	2.2	95
24	Risk of Acute Kidney Injury, Dialysis, and Mortality in Patients With Chronic Kidney Disease After Intravenous Contrast Material Exposure. Mayo Clinic Proceedings, 2015, 90, 1046-1053.	3.0	81
25	Artificial Intelligence-Enabled ECG Algorithm to Identify Patients With Left Ventricular Systolic Dysfunction Presenting to the Emergency Department With Dyspnea. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008437.	4.8	81
26	Impaired Glycemia and Diabetic Polyneuropathy. Diabetes Care, 2012, 35, 584-591.	8.6	78
27	Effect of Insulin Sensitizer Therapy on Amino Acids and Their Metabolites. Metabolism: Clinical and Experimental, 2015, 64, 720-728.	3.4	77
28	Quasi-likelihood estimation for relative risk regression models. Biostatistics, 2005, 6, 39-44.	1.5	76
29	Motor Evoked Potential Monitoring during Cryoablation of Musculoskeletal Tumors. Journal of Vascular and Interventional Radiology, 2014, 25, 1657-1664.	0.5	76
30	Reduction of Metal Artifacts and Improvement in Dose Efficiency Using Photon-Counting Detector Computed Tomography and Tin Filtration. Investigative Radiology, 2019, 54, 204-211.	6.2	76
31	Artificial Intelligenceâ€"Enabled Assessment of the Heart Rate Corrected QT Interval Using a Mobile Electrocardiogram Device. Circulation, 2021, 143, 1274-1286.	1.6	75
32	The Fragility Index: a *P*-value in sheepâ€™s clothing?. European Heart Journal, 2017, 38, ehw495.	2.2	72
33	Hemodynamic Effects of Weight Loss inÂObesity. JACC: Heart Failure, 2019, 7, 678-687.	4.1	71
34	Use of convalescent plasma inCOVIDâ€19 patients with immunosuppression. Transfusion, 2021, 61, 2503-2511.	1.6	70
35	Sex and age interact to determine clinicopathologic differences in Alzheimerâ€™s disease. Acta Neuropathologica, 2018, 136, 873-885.	7.7	69
36	Comparison of a Photon-Counting-Detector CT with an Energy-Integrating-Detector CT for Temporal Bone Imaging: A Cadaveric Study. American Journal of Neuroradiology, 2018, 39, 1733-1738.	2.4	69

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37	Twelve-Week 24/7 Ambulatory Artificial Pancreas With Weekly Adaptation of Insulin Delivery Settings: Effect on Hemoglobin A1c and Hypoglycemia. Diabetes Care, 2017, 40, 1719-1726.	8.6	68
38	Small (< 4 cm) Renal Mass: Differentiation of Oncocytoma From Renal Cell Carcinoma on Biphasic Contrast-Enhanced CT. American Journal of Roentgenology, 2015, 205, 999-1007.	2.2	66
39	Normal-Weight Central Obesity and Mortality Risk in Older Adults With Coronary Artery Disease. Mayo Clinic Proceedings, 2016, 91, 343-351.	3.0	65
40	Citrulline stimulates muscle protein synthesis in the post-absorptive state in healthy people fed a low-protein diet â€" A pilot study. Clinical Nutrition, 2015, 34, 449-456.	5.0	60
41	Small (< 4 cm) Renal Masses: Differentiation of Angiomyolipoma Without Visible Fat From Renal Cell Carcinoma Using Unenhanced and Contrast-Enhanced CT. American Journal of Roentgenology, 2015, 205, 1194-1202.	2.2	59
42	Automatic Selection of Tube Potential for Radiation Dose Reduction in Vascular and Contrast-Enhanced Abdominopelvic CT. American Journal of Roentgenology, 2013, 201, W297-W306.	2.2	58
43	Bonferroniâ€"based correction factor for multiple, correlated endpoints. Pharmaceutical Statistics, 2012, 11, 300-309.	1.3	56
44	Obese-Inflammatory Phenotypes in Heart Failure With Preserved Ejection Fraction. Circulation: Heart Failure, 2020, 13, e006414.	3.9	52
45	The Female-Predominant Persistent Immune Dysregulation of the Post-COVID Syndrome. Mayo Clinic Proceedings, 2022, 97, 454-464.	3.0	52
46	Observer Performance in the Detection and Classification of Malignant Hepatic Nodules and Masses with CT Image-Space Denoising and Iterative Reconstruction. Radiology, 2015, 276, 465-478.	7.3	51
47	Hyperglucagonemia Mitigates the Effect of Metformin on Glucose Production in Prediabetes. Cell Reports, 2016, 15, 1394-1400.	6.4	50
48	Convalescent Plasma Therapy for COVID-19: A Graphical Mosaic of the Worldwide Evidence. Frontiers in Medicine, 2021, 8, 684151.	2.6	50
49	Mortality in individuals treated with COVID-19 convalescent plasma varies with the geographic provenance of donors. Nature Communications, 2021, 12, 4864.	12.8	49
50	Combining a nontargeted and targeted metabolomics approach to identify metabolic pathways significantly altered in polycystic ovary syndrome. Metabolism: Clinical and Experimental, 2017, 71, 52-63.	3.4	48
51	Functional and proteomic alterations of plasma high density lipoproteins in type 1 diabetes mellitus. Metabolism: Clinical and Experimental, 2016, 65, 1421-1431.	3.4	47
52	Quantitative assessment of lung stiffness in patients with interstitial lung disease using MR elastography. Journal of Magnetic Resonance Imaging, 2017, 46, 365-374.	3.4	45
53	Transcriptomic analysis to identify genes associated with selective hippocampal vulnerability in Alzheimerâ€™s disease. Nature Communications, 2021, 12, 2311.	12.8	44
54	Practical considerations for estimating clinical trial accrual periods: application to a multi-center effectiveness study. BMC Medical Research Methodology, 2005, 5, 11.	3.1	43

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55	Access to and safety of COVID-19 convalescent plasma in the United States Expanded Access Program: A national registry study. PLoS Medicine, 2021, 18, e1003872.	8.4	43
56	Diagnosis of Heart Failure With Preserved Ejection Fraction Among Patients With Unexplained Dyspnea. JAMA Cardiology, 2022, 7, 891.	6.1	43
57	Assessing mNIS+7$_{Ionis}$ and international neurologists' proficiency in a familial amyloidotic polyneuropathy trial. Muscle and Nerve, 2017, 56, 901-911.	2.2	42
58	Validation study of a new semi-automated software program for CT body composition analysis. Abdominal Radiology, 2017, 42, 2369-2375.	2.1	42
59	Decreased Skeletal Muscle Volume Is a Predictive Factor for Poorer Survival in Patients Undergoing Surgical Resection for Pancreatic Ductal Adenocarcinoma. Journal of Gastrointestinal Surgery, 2018, 22, 831-839.	1.7	40
60	Estimation of Observer Performance for Reduced Radiation Dose Levels in CT. Academic Radiology, 2017, 24, 876-890.	2.5	38
61	Convalescent plasma use in the USA was inversely correlated with COVID-19 mortality. ELife, 2021, 10, .	6.0	38
62	External validation of a deep learning electrocardiogram algorithm to detect ventricular dysfunction. International Journal of Cardiology, 2021, 329, 130-135.	1.7	36
63	Pericardiotomy Enhances Left Ventricular Diastolic Reserve With Volume Loading in Humans. Circulation, 2018, 138, 2295-2297.	1.6	35
64	Survival benefit of neoadjuvant therapy in patients with non‐metastatic pancreatic ductal adenocarcinoma: A propensity matching and intention‐to‐treat analysis. Journal of Surgical Oncology, 2019, 120, 976-984.	1.7	35
65	Statistical design considerations for pilot studies transitioning therapies from the bench to the bedside. Journal of Translational Medicine, 2004, 2, 37.	4.4	32
66	Quantitative assessment of lung stiffness in patients with interstitial lung disease using MR elastography. Journal of Magnetic Resonance Imaging, 2017, 46, spcone-spcone.	3.4	32
67	Fast men slow more than fast women in a 10 kilometer road race. PeerJ, 2016, 4, e2235.	2.0	29
68	Low-Dose CT for Craniosynostosis: Preserving Diagnostic Benefit with Substantial Radiation Dose Reduction. American Journal of Neuroradiology, 2017, 38, 672-677.	2.4	29
69	Cardiovascular Disease Screening in Women: Leveraging Artificial Intelligence and Digital Tools. Circulation Research, 2022, 130, 673-690.	4.5	29
70	Breast vibro-acoustography: initial results show promise. Breast Cancer Research, 2012, 14, R128.	5.0	27
71	Pragmatic considerations for fostering reproducible research in artificial intelligence. Npj Digital Medicine, 2019, 2, 42.	10.9	27
72	Deep learning for dermatologists: Part II. Current applications. Journal of the American Academy of Dermatology, 2022, 87, 1352-1360.	1.2	27

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73	Effects of delayed gastric emptying on postprandial glucose kinetics, insulin sensitivity, and Î²-cell function. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E494-E502.	3.5	26
74	Sex differences in youth elite swimming. PLoS ONE, 2019, 14, e0225724.	2.5	26
75	Coronavirus Disease 2019 Vaccine-Breakthrough Infections Requiring Hospitalization in Mayo Clinic Florida Through August 2021. Clinical Infectious Diseases, 2022, 75, e892-e894.	5.8	25
76	Effect of Pramlintide on Postprandial Glucose Fluxes in Type 1 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 1954-1962.	3.6	24
77	Automated Diabetes Case Identification Using Electronic Health Record Data at a Tertiary Care Facility. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2017, 1, 100-110.	2.4	24
78	Bleeding Rate for Ultrasound‐Guided Paracentesis in Thrombocytopenic Patients. Journal of Ultrasound in Medicine, 2015, 34, 1833-1838.	1.7	23
79	Differentiation of Benign From Metastatic Adrenal Masses in Patients With Renal Cell Carcinoma on Contrast-Enhanced CT. American Journal of Roentgenology, 2016, 207, 1031-1038.	2.2	23
80	Dose Reduction in Molecular Breast Imaging With a New Image-Processing Algorithm. American Journal of Roentgenology, 2020, 214, 185-193.	2.2	23
81	Non-alcoholic fatty liver disease-associated hepatocellular carcinoma: effect of hepatic steatosis on major hepatocellular carcinoma features at MRI. British Journal of Radiology, 2018, 91, 20180345.	2.2	22
82	Improving the Transition from Residential to Outpatient Addiction Treatment: Gender Differences in Response to Supportive Telephone Calls. American Journal of Drug and Alcohol Abuse, 2008, 34, 47-59.	2.1	21
83	Prospective Pilot Evaluation of Radiologists and Computer-aided Pulmonary Nodule Detection on Ultra‐low-Dose CT With Tin Filtration. Journal of Thoracic Imaging, 2018, 33, 396-401.	1.5	21
84	Sex differences in paediatric airway anatomy. Experimental Physiology, 2020, 105, 721-731.	2.0	21
85	Individualized kV Selection and Tube Current Reduction in Excretory Phase Computed Tomography Urography. Journal of Computer Assisted Tomography, 2013, 37, 551-559.	0.9	20
86	Variability and accuracy of different software packages for dynamic susceptibility contrast magnetic resonance imaging for distinguishing glioblastoma progression from pseudoprogression. Journal of Medical Imaging, 2015, 2, 026001.	1.5	20
87	Detecting cardiomyopathies in pregnancy and the postpartum period with an electrocardiogram-based deep learning model. European Heart Journal Digital Health, 2021, 2, 586-596.	1.7	20
88	Deep learning for dermatologists: Part I. Fundamental concepts. Journal of the American Academy of Dermatology, 2022, 87, 1343-1351.	1.2	20
89	Background parenchymal uptake on molecular breast imaging as a breast cancer risk factor: a case-control study. Breast Cancer Research, 2016, 18, 42.	5.0	19
90	Heat Stress and Hepatic Laser Thermal Ablation Induce Hepatocellular Carcinoma Growth: Role of PI3K/mTOR/AKT Signaling. Radiology, 2018, 288, 730-738.	7.3	19

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91	Divergence in Timing and Magnitude of Testosterone Levels Between Male and Female Youths. JAMA - Journal of the American Medical Association, 2020, 324, 99.	7.4	18
92	Scientific integrity: what a journal can and cannot do. European Heart Journal, 2020, 41, 4552-4555.	2.2	18
93	In Reply â€" Limitations of Safety Update on Convalescent Plasma Transfusion in COVID-19 Patients. Mayo Clinic Proceedings, 2020, 95, 2802-2803.	3.0	18
94	An artificial intelligenceâ€"enabled ECG algorithm for comprehensive ECG interpretation: Can it pass the â€˜Turing testâ€™?. Cardiovascular Digital Health Journal, 2021, 2, 164-170.	1.3	18
95	Double cervix: clarifying a diagnostic dilemma. American Journal of Obstetrics and Gynecology, 2014, 211, 26.e1-26.e5.	1.3	17
96	Recurrence and Survival Outcomes After Percutaneous Thermal Ablation of Oligometastatic Melanoma. Mayo Clinic Proceedings, 2016, 91, 288-296.	3.0	17
97	Nocturnal Glucose Metabolism in Type 1 Diabetes: A Study Comparing Single Versus Dual Tracer Approaches. Diabetes Technology and Therapeutics, 2015, 17, 587-595.	4.4	16
98	Computerized Advisory Decision Support for Cardiovascular Diseases in Primary Care: A Cluster Randomized Trial. American Journal of Medicine, 2020, 133, 750-756.e2.	1.5	16
99	Ability of Dual-Energy CT to Detect Silicone Gel Breast Implant Rupture and Nodal Silicone Spread. American Journal of Roentgenology, 2019, 212, 933-942.	2.2	15
100	Observer Performance for Detection of Pulmonary Nodules at Chest CT over a Large Range of Radiation Dose Levels. Radiology, 2020, 297, 699-707.	7.3	15
101	Cost Effectiveness of an Electrocardiographic Deep Learning Algorithm to Detect Asymptomatic Left Ventricular Dysfunction. Mayo Clinic Proceedings, 2021, 96, 1835-1844.	3.0	15
102	Rapid Exclusion of COVID Infection With the Artificial Intelligence Electrocardiogram. Mayo Clinic Proceedings, 2021, 96, 2081-2094.	3.0	15
103	Low antispike antibody levels correlate with poor outcomes in COVIDâ€19 breakthrough hospitalizations. Journal of Internal Medicine, 2022, 292, 127-135.	6.0	15
104	Point-of-care washing of allogeneic red blood cells for the prevention of transfusion-related respiratory complications (WAR-PRC): a protocol for a multicenter randomised clinical trial in patients undergoing cardiac surgery. BMJ Open, 2017, 7, e016398.	1.9	14
105	Prediction of short-term antidepressant response using probabilistic graphical models with replication across multiple drugs and treatment settings. Neuropsychopharmacology, 2021, 46, 1272-1282.	5.4	14
106	Relative Risk Estimated from the Ratio of Two Median Unbiased Estimates. Journal of the Royal Statistical Society Series C: Applied Statistics, 2010, 59, 657-671.	1.0	13
107	Observer performance for adaptive, image-based denoising and filtered back projection compared to scanner-based iterative reconstruction for lower dose CT enterography. Abdominal Imaging, 2015, 40, 1050-1059.	2.0	13
108	Imaging Determinants of Clinical Effectiveness of Lumbar Transforaminal Epidural Steroid Injections. Pain Medicine, 2016, 17, 2176-2184.	1.9	13

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109	Paradigm Shifts in Nocturnal Glucose Control in Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3801-3809.	3.6	13
110	Directed stimulation of the dentato-rubro-thalamic tract for deep brain stimulation in essential tremor: a blinded clinical trial. Neuroradiology Journal, 2022, 35, 203-212.	1.2	13
111	Does prediabetes cause small fiber sensory polyneuropathy? Does it matter?. Journal of the Neurological Sciences, 2015, 355, 196-198.	0.6	12
112	Quantitative background parenchymal uptake on molecular breast imaging and breast cancer risk: a case-control study. Breast Cancer Research, 2018, 20, 46.	5.0	12
113	Increased Curvature of the Tentorium Cerebelli in Idiopathic Intracranial Hypertension. American Journal of Neuroradiology, 2017, 38, 1789-1793.	2.4	11
114	Background Parenchymal Uptake on Molecular Breast Imaging and Breast Cancer Risk: A Cohort Study. American Journal of Roentgenology, 2021, 216, 1193-1204.	2.2	11
115	Cautionary Note Regarding the Use of CIs Obtained From Kaplan-Meier Survival Curves. Journal of Clinical Oncology, 2009, 27, 174-175.	1.6	10
116	Speed Trends in Male Distance Running. PLoS ONE, 2014, 9, e112978.	2.5	10
117	The evolving role of imaging for small bowel neuroendocrine neoplasms: estimated impact of imaging and disease-free survival in a retrospective observational study. Abdominal Radiology, 2020, 45, 623-631.	2.1	10
118	Evolution of Validated Biomarkers and Intraoperative Parameters in the Development of Postoperative ARDS. Respiratory Care, 2018, 63, 1331-1340.	1.6	9
119	Localization of liver lesions in abdominal CT imaging: I. Correlation of human observer performance between anatomical and uniform backgrounds. Physics in Medicine and Biology, 2019, 64, 105011.	3.0	9
120	Evaluation of Lower-Dose Spiral Head CT for Detection of Intracranial Findings Causing Neurologic Deficits. American Journal of Neuroradiology, 2019, 40, 1855-1863.	2.4	9
121	Deployment of an Interdisciplinary Predictive Analytics Task Force to Inform Hospital Operational Decision-Making During the COVID-19 Pandemic. Mayo Clinic Proceedings, 2021, 96, 690-698.	3.0	9
122	Quantifying the Importance of COVID-19 Vaccination to Our Future Outlook. Mayo Clinic Proceedings, 2021, 96, 1890-1895.	3.0	9
123	Assessment of Patients' Willingness to Participate in a Randomized Trial of Spinal versus General Anesthesia for Lumbar Spine Surgery. World Neurosurgery, 2022, 161, e635-e641.	1.3	9
124	Early administration of <scp>COVID</scp>â€‘19 convalescent plasma with high titer antibody content by live viral neutralization assay is associated with modest clinical efficacy. American Journal of Hematology, 2022, 97, 770-779.	4.1	9
125	Statistical competencies for medical research learners: What is fundamental?. Journal of Clinical and Translational Science, 2017, 1, 146-152.	0.6	8
126	Radiation dose reduction during neuroendovascular procedures. Journal of NeuroInterventional Surgery, 2018, 10, 481-486.	3.3	8

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127	Localization of liver lesions in abdominal CT imaging: II. Mathematical model observer performance correlates with human observer performance for localization of liver lesions in abdominal CT imaging. Physics in Medicine and Biology, 2019, 64, 105012.	3.0	8
128	Wearable electronic devices for chronic pain intensity assessment: A systematic review. Pain Practice, 2021, 21, 955-965.	1.9	8
129	Alzheimer's Disease in the Family Practice Setting. Primary Care Companion To the Journal of Clinical Psychiatry, 2004, 6, 234-238.	0.6	8
130	Real-world performance, long-term efficacy, and absence of bias in the artificial intelligence enhanced electrocardiogram to detect left ventricular systolic dysfunction. European Heart Journal Digital Health, 2022, 3, 238-244.	1.7	8
131	An Open-Label Trial of Aripiprazole Treatment in Dual Diagnosis Individuals: Safety and Efficacy. Journal of Dual Diagnosis, 2009, 5, 83-96.	1.2	7
132	Measuring QoL with SF-36 in Older Americans with TBI. Applied Research in Quality of Life, 2012, 7, 63-81.	2.4	7
133	Breast vibro-acoustography: initial experience in benign lesions. BMC Medical Imaging, 2014, 14, 40.	2.7	7
134	Reanalysis or redefinition of the hypothesis?. European Heart Journal, 2015, 36, 340-341.	2.2	7
135	Correlation of hepatic fractional extracellular space using gadolinium enhanced MRI with liver stiffness using magnetic resonance elastography. Abdominal Radiology, 2017, 42, 191-198.	2.1	7
136	Dynamic computed tomographic assessment of the mitral annulus in patients with and without mitral prolapse. Journal of Cardiovascular Computed Tomography, 2020, 14, 502-509.	1.3	7
137	Dietary sodium and mortality: how much do we really know?. European Heart Journal, 2021, 42, 2113-2115.	2.2	7
138	Dynamic Susceptibility Contrast-MRI Quantification Software Tool: Development and Evaluation. Tomography, 2016, 2, 448-456.	1.8	7
139	Clinical and laboratory profiles of the SARS-CoV-2 Delta variant compared with pre-Delta variants. International Journal of Infectious Diseases, 2022, 120, 88-95.	3.3	7
140	Retrospective Analysis of Interobserver Spatial Variability in the Localization of Broca's and Wernicke's Areas Using Three Different fMRI Language Paradigms. Journal of Neuroimaging, 2015, 25, 626-633.	2.0	6
141	Impact of electronic clinical decision support on adherence to guideline-recommended treatment for hyperlipidaemia, atrial fibrillation and heart failure: protocol for a cluster randomised trial. BMJ Open, 2017, 7, e019087.	1.9	6
142	NIH funding trends for neurosurgeon-scientists from 1993â€"2017: Biomedical workforce implications for neurooncology. Journal of Neuro-Oncology, 2021, 154, 51-62.	2.9	6
143	Measuring the impact of ambulatory red blood cell transfusion on home functional status: study protocol for a pilot randomized controlled trial. Trials, 2017, 18, 153.	1.6	5
144	Prior iterative reconstruction (PIR) to lower radiation dose and preserve radiologist performance for multiphase liver CT: a multi-reader pilot study. Abdominal Radiology, 2020, 45, 45-54.	2.1	5

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145	An AI-ECG algorithm for atrial fibrillation risk: steps towards clinical implementation â€" Authors' reply. Lancet, The, 2020, 396, 236-237.	13.7	5
146	Prevalence of SARS-CoV-2 Antibodies in a Multistate Academic Medical Center. Mayo Clinic Proceedings, 2021, 96, 1165-1174.	3.0	5
147	European Heart Journal quality standards. European Heart Journal, 2021, 42, 2729-2736.	2.2	5
148	In Replyâ€"How Safe Is COVID-19 Convalescent Plasma?. Mayo Clinic Proceedings, 2021, 96, 2281-2282.	3.0	5
149	Magnetic resonance imaging (MRI) helps differentiate renal cell carcinoma with sarcomatoid differentiation from renal cell carcinoma without sarcomatoid differentiation. Abdominal Radiology, 2022, 47, 2168-2177.	2.1	5
150	Somatotopic heat pain thresholds and intraepidermal nerve fibers in health. Muscle and Nerve, 2018, 58, 509-516.	2.2	4
151	Concerns about estimating relative risk of death associated with convalescent plasma for COVID-19. Nature Medicine, 2022, 28, 51-52.	30.7	4
152	Artificial intelligenceâ€"electrocardiography to detect atrial fibrillation: trend of probability before and after the first episode. European Heart Journal Digital Health, 2022, 3, 228-235.	1.7	4
153	Diagnostic Performance in Low- and High-Contrast Tasks of an Image-Based Denoising Algorithm Applied to Radiation Doseâ€"Reduced Multiphase Abdominal CT Examinations. American Journal of Roentgenology, 2023, 220, 73-85.	2.2	4
154	Safety and Image Quality of 1.5-T Endorectal Coil Multiparametric MRI of the Prostate or Prostatectomy Fossa for Patients With Pacemaker or Implantable Cardioverter-Defibrillator. American Journal of Roentgenology, 2019, 212, 815-822.	2.2	3
155	In Reply â€" Micro-Thrombosis, Perfusion Defects, and Worsening Oxygenation in COVID-19 Patients: A Word of Caution on the Use of Convalescent Plasma. Mayo Clinic Proceedings, 2021, 96, 259-261.	3.0	3
156	The Role of Disease Severity and Demographics in the Clinical Course of COVID-19 Patients Treated With Convalescent Plasma. Frontiers in Medicine, 2021, 8, 707895.	2.6	3
157	Impact of measurement method on interobserver variability of apparent diffusion coefficient of lesions in prostate MRI. PLoS ONE, 2022, 17, e0268829.	2.5	3
158	A multi-reader inÂvitro study using porcine kidneys to determine the impact of integrated circuit detectors and iterative reconstruction on the detection accuracy, size measurement, and radiation dose for small (<4â€°mm) renal stones. Acta Radiologica, 2017, 58, 1012-1019.	1.1	2
159	Novel Insights Into Effects of Cortisol and Glucagon on Nocturnal Glucose Production in Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e2378-e2388.	3.6	2
160	Impact of ECG Characteristics on the Performance of an Artificial Intelligence Enabled ECG for Predicting Left Ventricular Dysfunction. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e009871.	4.8	2
161	What Is Needed for Artificial Intelligence to Be Trusted?. American Journal of Medicine, 2022, 135, 421-423.	1.5	2
162	Perceived Age as a Mortality and Comorbidity Predictor: A Systematic Review. Aesthetic Plastic Surgery, 2023, 47, 442-454.	0.9	2

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163	Systems validation: application to statistical programs. BMC Medical Research Methodology, 2005, 5, 3.	3.1	1
164	I Can't Make Heads Or Tails Out Of What You Are Saying, So Let's Just Agree To Be Fair. Teaching Statistics, 2013, 35, 127-130.	0.9	1
165	Evaluation of Pseudoreader Study Designs to Estimate Observer Performance Results as an Alternative to Fully Crossed, Multireader, Multicase Studies. Academic Radiology, 2020, 27, 244-252.	2.5	1
166	Model drift: When it can be a sign of success and when it can be an occult problem. Intelligence-based Medicine, 2022, 6, 100058.	2.4	1
167	A 25-reader performance study for hepatic metastasis detection: lessons from unsupervised learning. , 2022, , .		1
168	Estimating the variance of estimated trends in proportions when there is no unique subject identifier. Journal of the Royal Statistical Society Series A: Statistics in Society, 2007, 170, 185-193.	1.1	0
169	Statistical Evaluation of the Use of Concurrent Controls in Treatment Screening Studies. Clinical and Translational Science, 2013, 6, 323-330.	3.1	0
170	Evaluation of Posttreatment Follow-Up of Patients With Prostate Cancer Relative to the American College of Radiology's Appropriateness Criteria. American Journal of Roentgenology, 2015, 205, 1008-1015.	2.2	0
171	Accuracy of Wearable Sensor Technology in Hand Goniometry: A Systematic Review. Hand, 2021, , 155894472110146.	1.2	0
172	CT or MR Enterography to Assess Response during Vedolizumab Therapy for Small Bowel Crohnâ€™s Disease. Crohn's & Colitis 360, 0, , .	1.1	0