Shusuke Hiragi

List of Publications by Year
in descending order

36 papers	347 citations	932766 10 h-index	940134 16 g-index
38 all docs	38 docs citations	38 times ranked	421 citing authors

#	Article	IF	Citations
1	Classification of glomerular pathological findings using deep learning and nephrologist–AI collective intelligence approach. International Journal of Medical Informatics, 2020, 141, 104231.	1.6	59
2	The Clinical Effectiveness and Cost-Effectiveness of Screening for Age-Related Macular Degeneration in Japan: A Markov Modeling Study. PLoS ONE, 2015, 10, e0133628.	1.1	31
3	Analysis of the evidence-practice gap to facilitate proper medical care for the elderly: investigation, using databases, of utilization measures for National Database of Health Insurance Claims and Specific Health Checkups of Japan (NDB). Environmental Health and Preventive Medicine, 2017, 22, 51.	1.4	27
4	Nationwide incidence of central retinal artery occlusion in Japan: an exploratory descriptive study using the National Database of Health Insurance Claims (2011–2015). BMJ Open, 2020, 10, e041104.	0.8	24
5	Incidence of central serous chorioretinopathy (2011–2018): a nationwide population-based cohort study of Japan. British Journal of Ophthalmology, 2022, 106, 1748-1753.	2.1	24
6	Acetaminophen administration and the risk of acute kidney injury: a self-controlled case series study. Clinical Epidemiology, 2018, Volume 10, 265-276.	1.5	22
7	Effects of Social Interaction Mechanics in Pervasive Games on the Physical Activity Levels of Older Adults: Quasi-Experimental Study. JMIR Serious Games, 2019, 7, e13962.	1.7	21
8	Pervasive game design to evaluate social interaction effects on levels of physical activity among older adults. Journal of Rehabilitation and Assistive Technologies Engineering, 2019, 6, 205566831984444.	0.6	15
9	Evaluation of Kidney Histological Images Using Unsupervised Deep Learning. Kidney International Reports, 2021, 6, 2445-2454.	0.4	15
10	Nationwide survey of severe postpartum hemorrhage in Japan: an exploratory study using the national database of health insurance claims. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 3537-3542.	0.7	12
11	Prediction and visualization of acute kidney injury in intensive care unit using one-dimensional convolutional neural networks based on routinely collected data. Computer Methods and Programs in Biomedicine, 2021, 206, 106129.	2.6	12
12	Promoting Physical Activity in Japanese Older Adults Using a Social Pervasive Game: Randomized Controlled Trial. JMIR Serious Games, 2021, 9, e16458.	1.7	8
13	Validation study of the claims-based definition for age-related macular degeneration at a single university hospital in Japan. Japanese Journal of Ophthalmology, 2021, 65, 388-394.	0.9	8
14	The effect of model selection on cost-effectiveness research: a comparison of kidney function-based microsimulation and disease grade-based microsimulation in chronic kidney disease modeling. BMC Medical Informatics and Decision Making, 2018, 18, 94.	1.5	7
15	Graph databases for openEHR clinical repositories. International Journal of Computational Science and Engineering, 2019, 20, 281.	0.4	7
16	Understanding the Situated Roles of Electronic Medical Record Systems to Enable Redesign: Mixed Methods Study. JMIR Human Factors, 2019, 6, e13812.	1.0	7
17	Understanding the EMR-Related Experiences of Pregnant Japanese Women to Redesign Antenatal Care EMR Systems. Informatics, 2019, 6, 15.	2.4	5
18	Association between topical β-blocker use and asthma attacks in glaucoma patients with asthma: a cohort study using a claims database. Graefe's Archive for Clinical and Experimental Ophthalmology, 2022, 260, 271-280.	1.0	5

#	ARTICLE	IF	CITATIONS
19	Incidence and Clinical Practice of Exudative Age-related Macular Degeneration. Ophthalmology Science, 2022, 2, 100125.	1.0	5
20	Estimating the Net Utility Gains Among Donors and Recipients of Adult Living Donor Kidney Transplant. Transplantation Proceedings, 2019, 51, 676-683.	0.3	4
21	Evaluation of the Quality of Life and Health-Related Quality of Life of Patients With End-Stage Kidney Disease Resulting From Kidney Transplantation Using the Kidney Disease Quality of Life-Short Form and EuroQOL-5 Dimension-5 Level Questionnaires. Transplantation Proceedings, 2021, 53, 881-884.	0.3	4
22	Designing Pervasive Social Interaction Mechanics for Elderly Players: A Multicultural Study Case. Smart Innovation, Systems and Technologies, 2019, , 293-303.	0.5	4
23	Association between the size of healthcare facilities and the intensity of hypertension therapy: a cross-sectional comparison of prescription data from insurance claims data. Hypertension Research, 2021, 44, 337-347.	1.5	3
24	Deep Learning Model to Predict Postoperative Visual Acuity from Preoperative Multimedia Ophthalmic Data. Advanced Biomedical Engineering, 2020, 9, 241-248.	0.4	3
25	Influence of Japan's 2004 postgraduate training on ophthalmologist location choice, supply and distribution. BMC Medical Education, 2018, 18, 49.	1.0	2
26	Design Elements of Pervasive Games for Elderly Players: A Social Interaction Study Case. Lecture Notes in Computer Science, 2019, , 204-215.	1.0	2
27	Prioritizing Features to Redesign in an EMR System. Studies in Health Technology and Informatics, 2019, 264, 1213-1217.	0.2	2
28	Preliminary Evaluation of Market Mechanism-Based Bed Allocation System. Studies in Health Technology and Informatics, 2020, 270, 1363-1364.	0.2	2
29	Integrating Preprocessing Operations into Deep Learning Model: Case Study of Posttreatment Visual Acuity Prediction. Advanced Biomedical Engineering, 2022, 11, 16-24.	0.4	1
30	Designing an Authorization System Based on Patient Privacy Preferences in Japan. Studies in Health Technology and Informatics, 2018, 247, 71-75.	0.2	1
31	Understanding the Roles of EMR Systems in Japanese Antenatal Care Settings. Studies in Health Technology and Informatics, 2018, 251, 257-260.	0.2	1
32	Token Economy–Based Hospital Bed Allocation to Mitigate Information Asymmetry: Proof-of-Concept Study Through Simulation Implementation. JMIR Formative Research, 2022, 6, e28877.	0.7	1
33	Early Nephrosis Detection Based on Deep Learning with Clinical Time-Series Data. Studies in Health Technology and Informatics, 2019, 264, 1596-1597.	0.2	1
34	Analysis for the Annual Text Amount of Electronic Medical Records. Studies in Health Technology and Informatics, 2019, 264, 1662-1663.	0.2	1
35	Detecting Severe Incidents from Electronic Medical Records Using Machine Learning Methods. Studies in Health Technology and Informatics, 2020, 270, 1247-1248.	0.2	1
36	Agent-based Completion for Collecting Medical Note Parameters. , 2019, , .		0