

Lukasz Mazur

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

417
citations

949033

11
h-index

843174

20
g-index

27
all docs

27
docs citations

27
times ranked

428
citing authors

#	ARTICLE	IF	CITATIONS
1	Using Explainable Supervised Machine Learning to Predict Burnout in Healthcare Professionals. Studies in Health Technology and Informatics, 2022, , .	0.2	2
2	Human-Centered Participatory Co-design of a Dosimetry-Quality Assurance Checklist in an Academic Cancer Center. Lecture Notes in Computer Science, 2022, , 3-20.	1.0	1
3	Feature Engineering for Interpretable Machine Learning for Quality Assurance in Radiation Oncology. Studies in Health Technology and Informatics, 2022, , .	0.2	2
4	Electronic Reporting of Workplace Violence Incidents: Improving the Usability, and Optimizing Healthcare Workersâ€™ Cognitive Workload, and Performance. Studies in Health Technology and Informatics, 2022, , .	0.2	1
5	Predicting Objective Performance Using Perceived Cognitive Workload Data in Healthcare Professionals: A Machine Learning Study. Studies in Health Technology and Informatics, 2022, , .	0.2	2
6	The Sociotechnical Factors Associated With Burnout in Residents in Surgical Specialties: A Qualitative Systematic Review. Journal of Surgical Education, 2021, , .	1.2	4
7	Common Error Pathways in CyberKnifeâ„¢ Radiation Therapy. Frontiers in Oncology, 2020, 10, 1077.	1.3	3
8	Electronic health records (EHR) simulation-based training: a scoping review protocol. BMJ Open, 2020, 10, e036884.	0.8	7
9	Augmented reality in patient education and health literacy: a scoping review protocol. BMJ Open, 2020, 10, e038416.	0.8	30
10	Human Error Bowtie Analysis to Enhance Patient Safety in Radiation Oncology. Practical Radiation Oncology, 2019, 9, 465-478.	1.1	5
11	Using Artificial Intelligence to Improve the Quality and Safety of Radiation Therapy. Journal of the American College of Radiology, 2019, 16, 1267-1272.	0.9	31
12	Lean-Thinking: Implementation and Measurement in Healthcare Settings. EMJ - Engineering Management Journal, 2019, 31, 193-206.	1.4	7
13	Toward Better Understanding of Task Difficulty during Physiciansâ€™ Interaction with Electronic Health Record System (EHRs). International Journal of Human-Computer Interaction, 2019, 35, 1883-1891.	3.3	7
14	A Prospective Analysis of Radiation Oncologist Compliance With Early Peer Review Recommendations. International Journal of Radiation Oncology Biology Physics, 2019, 104, 494-500.	0.4	15
15	Creating a Culture of Safety Within an Institution: Walking the Walk. Journal of Oncology Practice, 2016, 12, 880-883.	2.5	2
16	The Promise and Burden of Peer Review in Radiation Oncology. Journal of Oncology Practice, 2016, 12, 196-198.	2.5	11
17	Healthcare Engineering Defined: A White Paper. Journal of Healthcare Engineering, 2015, 6, 635-648.	1.1	29
18	Application of human factors analysis and classification system model to event analysis in radiation oncology. Practical Radiation Oncology, 2015, 5, 113-119.	1.1	4

#	ARTICLE	IF	CITATIONS
19	Applying Normal Accident Theory to radiation oncology: Failures are normal but patient harm can be prevented. Practical Radiation Oncology, 2015, 5, 325-327.	1.1	6
20	The association between event learning and continuous quality improvement programs and culture of patient safety. Practical Radiation Oncology, 2015, 5, 286-294.	1.1	30
21	Improving Patient Safety in Clinical Oncology. JAMA Oncology, 2015, 1, 958.	3.4	33
22	Quantification of the impact of multifaceted initiatives intended to improve operational efficiency and the safety culture: A case study from an academic medical center radiation oncology department. Practical Radiation Oncology, 2014, 4, e101-e108.	1.1	29
23	Assessing the reliability of the Radiation Therapy care delivery process using discrete event simulation. , 2014, , .		1
24	Facilitating Lean Learning and Behaviors in Hospitals During the Early Stages of Lean Implementation. EMJ - Engineering Management Journal, 2012, 24, 11-22.	1.4	56
25	Quality Improvement in Hospitals: Identifying and Understanding Behaviors. Journal of Healthcare Engineering, 2012, 3, 621-648.	1.1	11
26	The challenge of maximizing safety in radiation oncology. Practical Radiation Oncology, 2011, 1, 2-14.	1.1	84