

Lukasz Mazur

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11220261/publications.pdf>

Version: 2024-02-01

26
papers

417
citations

840776

11
h-index

752698

20
g-index

27
all docs

27
docs citations

27
times ranked

407
citing authors

#	ARTICLE	IF	CITATIONS
1	The challenge of maximizing safety in radiation oncology. <i>Practical Radiation Oncology</i> , 2011, 1, 2-14.	2.1	84
2	Facilitating Lean Learning and Behaviors in Hospitals During the Early Stages of Lean Implementation. <i>EMJ - Engineering Management Journal</i> , 2012, 24, 11-22.	2.3	56
3	Improving Patient Safety in Clinical Oncology. <i>JAMA Oncology</i> , 2015, 1, 958.	7.1	33
4	Using Artificial Intelligence to Improve the Quality and Safety of Radiation Therapy. <i>Journal of the American College of Radiology</i> , 2019, 16, 1267-1272.	1.8	31
5	The association between event learning and continuous quality improvement programs and culture of patient safety. <i>Practical Radiation Oncology</i> , 2015, 5, 286-294.	2.1	30
6	Augmented reality in patient education and health literacy: a scoping review protocol. <i>BMJ Open</i> , 2020, 10, e038416.	1.9	30
7	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. <i>Practical Radiation Oncology</i> , 2014, 4, e101-e108.	2.1	29
8	Healthcare Engineering Defined: A White Paper. <i>Journal of Healthcare Engineering</i> , 2015, 6, 635-648.	1.9	29
9	A Prospective Analysis of Radiation Oncologist Compliance With Early Peer Review Recommendations. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 494-500.	0.8	15
10	Quality Improvement in Hospitals: Identifying and Understanding Behaviors. <i>Journal of Healthcare Engineering</i> , 2012, 3, 621-648.	1.9	11
11	The Promise and Burden of Peer Review in Radiation Oncology. <i>Journal of Oncology Practice</i> , 2016, 12, 196-198.	2.5	11
12	Lean-Thinking: Implementation and Measurement in Healthcare Settings. <i>EMJ - Engineering Management Journal</i> , 2019, 31, 193-206.	2.3	7
13	Toward Better Understanding of Task Difficulty during Physicians'™ Interaction with Electronic Health Record System (EHRs). <i>International Journal of Human-Computer Interaction</i> , 2019, 35, 1883-1891.	4.8	7
14	Electronic health records (EHR) simulation-based training: a scoping review protocol. <i>BMJ Open</i> , 2020, 10, e036884.	1.9	7
15	Applying Normal Accident Theory to radiation oncology: Failures are normal but patient harm can be prevented. <i>Practical Radiation Oncology</i> , 2015, 5, 325-327.	2.1	6
16	Human Error Bowtie Analysis to Enhance Patient Safety in Radiation Oncology. <i>Practical Radiation Oncology</i> , 2019, 9, 465-478.	2.1	5
17	Application of human factors analysis and classification system model to event analysis in radiation oncology. <i>Practical Radiation Oncology</i> , 2015, 5, 113-119.	2.1	4
18	The Sociotechnical Factors Associated With Burnout in Residents in Surgical Specialties: A Qualitative Systematic Review. <i>Journal of Surgical Education</i> , 2021, , .	2.5	4

#	ARTICLE	IF	CITATIONS
19	Common Error Pathways in CyberKnife [®] Radiation Therapy. <i>Frontiers in Oncology</i> , 2020, 10, 1077.	2.8	3
20	Creating a Culture of Safety Within an Institution: Walking the Walk. <i>Journal of Oncology Practice</i> , 2016, 12, 880-883.	2.5	2
21	Using Explainable Supervised Machine Learning to Predict Burnout in Healthcare Professionals. <i>Studies in Health Technology and Informatics</i> , 2022, , .	0.3	2
22	Feature Engineering for Interpretable Machine Learning for Quality Assurance in Radiation Oncology. <i>Studies in Health Technology and Informatics</i> , 2022, , .	0.3	2
23	Predicting Objective Performance Using Perceived Cognitive Workload Data in Healthcare Professionals: A Machine Learning Study. <i>Studies in Health Technology and Informatics</i> , 2022, , .	0.3	2
24	Assessing the reliability of the Radiation Therapy care delivery process using discrete event simulation. , 2014, , .		1
25	Human-Centered Participatory Co-design of a Dosimetry-Quality Assurance Checklist in an Academic Cancer Center. <i>Lecture Notes in Computer Science</i> , 2022, , 3-20.	1.3	1
26	Electronic Reporting of Workplace Violence Incidents: Improving the Usability, and Optimizing Healthcare Workers ^{â€™} Cognitive Workload, and Performance. <i>Studies in Health Technology and Informatics</i> , 2022, , .	0.3	1