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## Systems-Theoretic Safety Assessment of Robotic Telesurgical Systems

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Lecture Notes in Computer Science, 2015, , 213-227.

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13	Hazard analysis of human-robot interactions with HAZOP+ML. <i>Safety Science</i> , <b>2016</b> , 84, 225-237	5.8	40
12	Safety-critical advanced robots: A survey. <i>Robotics and Autonomous Systems</i> , <b>2017</b> , 94, 43-52	3.5	90
11	On the Safety of Machine Learning: Cyber-Physical Systems, Decision Sciences, and Data Products. <i>Big Data</i> , <b>2017</b> , 5, 246-255	3.1	69
10	Evaluation of contactless human-machine interface for robotic surgical training. <i>International Journal of Computer Assisted Radiology and Surgery</i> , <b>2018</b> , 13, 13-24	3.9	13
9	. <i>IEEE Robotics and Automation Letters</i> , <b>2018</b> , 3, 3944-3951	4.2	19
8	Design-Time Safety Assessment of Robotic Systems Using Fault Injection Simulation in a Model-Driven Approach. <b>2019</b> ,		4
7	STPA methodology in a socio-technical system of monitoring and tracking diabetes mellitus. <i>Applied Ergonomics</i> , <b>2020</b> , 89, 103190	4.2	3
6	Enforcing Security in Artificially Intelligent Robots Using Monitors (Short Paper). <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 648-659	0.9	
5	Teleoperated Surgical Robot Security. <i>Advances in Web Technologies and Engineering Book Series</i> , <b>2022</b> , 143-160	0.2	
4	Risk assessment based on a STPA-FMEA method: A case study of a sweeping robot.. <i>Risk Analysis</i> , <b>2022</b> ,	3.9	
3	Risk management of smart healthcare systems: Delimitation, state-of-arts, process, and perspectives. <i>Journal of Patient Safety and Risk Management</i> , <b>2022</b> , 27, 129-148	1.3	1
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1	An Analysis of DoS Attack on Robot Operating System.		0