Ali Raz

List of Publications by Year
in descending order

20 papers	156 citations	1684188 5 h-index	1588992 8 g-index
20 all docs	20 docs citations	20 times ranked	101 citing authors

#	Article	IF	Citations
1	Evolving Towards a Reference Architecture for Data Fusion. , 2022, , .		0
2	An Overview of Systems Engineering Challenges for Designing AI-Enabled Aerospace Systems. , 2021, , .		8
3	Modeling Hypersonic Vehicle Interdependencies at the Subsystem Level. , 2021, , .		1
4	Finding the Path Toward Design ofÂSynergistic Human-Centric ComplexÂSystems. Lecture Notes in Computer Science, 2021, , 73-89.	1.3	0
5	System of systems uncertainty quantification using machine learning techniques with smart grid application. Systems Engineering, 2020, 23, 770-782.	2.7	12
6	Systemâ€ofâ€systems tools and techniques for the analysis of cyberâ€physical systems. Systems Engineering, 2020, 23, 480-491.	2.7	9
7	Projecting adoption of truck powertrain technologies and CO2 emissions in line-haul networks. Transportation Research, Part D: Transport and Environment, 2020, 84, 102354.	6.8	9
8	Engineering for emergence in information fusion systems: A review of some challenges. , 2020, , 241-255.		7
9	Projecting line-haul truck technology adoption: How heterogeneity among fleets impacts system-wide adoption. Transportation Research, Part E: Logistics and Transportation Review, 2019, 124, 108-127.	7.4	4
10	Multi-Disciplinary Perspectives for Engineering Resilience in Systems. , 2019, , .		3
11	Enabling Autonomy in Command and Control via Game-Theoretic Models and Machine Learning with a Systems Perspective. , 2019, , .		11
12	Developing Model-Based Systems Engineering Artifacts for Legacy Systems. , 2018, , .		0
13	Minimum SysML Representations to Enable Rapid Evaluation using Agent-Based Simulation. Incose International Symposium, 2018, 28, 1706-1719.	0.6	2
14	Control Diffusion of Information Collection for Situation Understanding Using Boosting MLNs. , 2018, , .		10
15	Integrating SysML and Agent-Based Modeling for Rapid Architecture Evaluation. Insight, 2018, 21, 47-51.	0.3	1
16	System architecting and design space characterization. Systems Engineering, 2018, 21, 227-242.	2.7	33
17	System-of-Systems Architecture Metrics for Information Fusion: A Network Theoretic Formulation. , 2017, , .		6
18	A System-of-Systems perspective for information fusion system design and evaluation. Information Fusion, 2017, 35, 148-165.	19.1	31

#	ARTICLE	IF	CITATIONS
19	A System-of-Systems Perspective on Information Fusion Systems: Architecture Representation and Evaluation. , 2015, , .		4
20	Performance evaluation of distributed Track-to-Track fusion systems. , 2014, , .		5