

William W Edmonson

List of Publications by Year in descending order

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16
papers

330
citations

1937685

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docs citations

16
times ranked

403
citing authors

#	ARTICLE	IF	CITATIONS
1	Architecting an MBSE Black Box System Model for the Physical Layer of a Visible Light Inter-Satellite Communication System. IEEE Journal on Miniaturization for Air and Space Systems, 2021, , 1-1.	2.7	1
2	Semantic Mapping from SysML to FRP: to Enable Executable and Verifiable Systems Design. , 2021, , .		1
3	Maintaining the Consistency of SysML Model Exports to XML Metadata Interchange (XMI). , 2021, , .		4
4	LED-Based Visible Light Intersatellite Communication for Distributed Space Systems. IEEE Journal on Miniaturization for Air and Space Systems, 2021, 2, 140-147.	2.7	7
5	Intersatellite Communication: An MBSE Operational Concept for a Multi-orbit Disaggregated System. IEEE Journal on Miniaturization for Air and Space Systems, 2020, 1, 56-65.	2.7	3
6	Intersatellite Communication System Based on Visible Light. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 2888-2899.	4.7	34
7	Non-Orthogonal Multiple Access (NOMA) for LED-based Visible Light Inter-Satellite Communications. , 2018, , .		7
8	A Stackelberg Game-theoretic Model for Interference Management in Inter-satellite Communication Networks. , 2018, , .		1
9	Formal Behavioral Requirements Management. IEEE Systems Journal, 2018, 12, 3006-3017.	4.6	5
10	An MBSE conceptual design phase model for inter-satellite communication. , 2018, , .		8
11	Inter-satellite communication MBSE design framework for small satellites. , 2017, , .		6
12	A non-cooperative game theoretic approach for power allocation in intersatellite communication. , 2017, , .		8
13	Link performance improvement via design variables optimization in LED-based VLC system for inter-satellite communication. , 2017, , .		6
14	Utility of Light Emitting Diodes for inter-satellite communication in multi-satellite networks. , 2016, , .		10
15	Survey of Inter-Satellite Communication for Small Satellite Systems: Physical Layer to Network Layer View. IEEE Communications Surveys and Tutorials, 2016, 18, 2442-2473.	39.4	212
16	Software Defined Radio implementation of DS-SS in inter-satellite communications for small satellites. , 2015, , .		17