

# William W Edmonson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8859620/publications.pdf>

Version: 2024-02-01

16  
papers

330  
citations

1937685

4  
h-index

1872680

6  
g-index

16  
all docs

16  
docs citations

16  
times ranked

403  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Intersatellite Communication System Based on Visible Light. IEEE Transactions on Aerospace and Electronic Systems, 2018, 54, 2888-2899.	4.7	34
3	Software Defined Radio implementation of DS-CDMA in inter-satellite communications for small satellites. , 2015, , .		17
4	Utility of Light Emitting Diodes for inter-satellite communication in multi-satellite networks. , 2016, , .		10
5	A non-cooperative game theoretic approach for power allocation in intersatellite communication. , 2017, , .		8
6	An MBSE conceptual design phase model for inter-satellite communication. , 2018, , .		8
7	Non-Orthogonal Multiple Access (NOMA) for LED-based Visible Light Inter-Satellite Communications. , 2018, , .		7
8	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
9	Inter-satellite communication MBSE design framework for small satellites. , 2017, , .		6
10	Link performance improvement via design variables optimization in LED-based VLC system for inter-satellite communication. , 2017, , .		6
11	Formal Behavioral Requirements Management. IEEE Systems Journal, 2018, 12, 3006-3017.	4.6	5
12	Maintaining the Consistency of SysML Model Exports to XML Metadata Interchange (XMI). , 2021, , .		4
13	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
14	A Stackelberg Game-theoretic Model for Interference Management in Inter-satellite Communication Networks. , 2018, , .		1
15	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
16	Semantic Mapping from SysML to FRP: to Enable Executable and Verifiable Systems Design. , 2021, , .		1