

Seppo Seppo Yrjölä

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

865
citations

623574

14
h-index

580701

25
g-index

38
all docs

38
docs citations

38
times ranked

624
citing authors

#	ARTICLE	IF	CITATIONS
1	Micro Operators to Boost Local Service Delivery in 5G. <i>Wireless Personal Communications</i> , 2017, 95, 69-82.	1.8	100
2	Business Models for Local 5G Micro Operators. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2019, 5, 730-740.	4.9	75
3	Cognitive Radio Trial Environment: First Live Authorized Shared Access-Based Spectrum-Sharing Demonstration. <i>IEEE Vehicular Technology Magazine</i> , 2013, 8, 30-37.	2.8	63
4	Blockchain-Powered Value Creation in the 5G and Smart Grid Use Cases. <i>IEEE Access</i> , 2019, 7, 25690-25707.	2.6	54
5	"Simple rules" for mobile network operators' strategic choices in future cognitive spectrum sharing networks. <i>IEEE Wireless Communications</i> , 2013, 20, 20-26.	6.6	51
6	Spectrum Management in the 6G Era: The Role of Regulation and Spectrum Sharing. , 2020, , .		45
7	Analysis of Spectrum Valuation Elements for Local 5G Networks: Case Study of 3.5-GHz Band. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2019, 5, 741-753.	4.9	43
8	6G Indicators of Value and Performance. , 2020, , .		43
9	Live field trial of Licensed Shared Access (LSA) concept using LTE network in 2.3 GHz band. , 2014, , .		42
10	5G network slicing strategies for a smart factory. <i>Computers in Industry</i> , 2019, 111, 108-120.	5.7	42
11	Sustainability as a Challenge and Driver for Novel Ecosystemic 6G Business Scenarios. <i>Sustainability</i> , 2020, 12, 8951.	1.6	31
12	Value Creation and Capture From Technology Innovation in the 6G Era. <i>IEEE Access</i> , 2022, 10, 16299-16319.	2.6	28
13	Cellular architecture enhancement for supporting the european licensed shared access concept. <i>IEEE Wireless Communications</i> , 2014, 21, 37-43.	6.6	27
14	Platform configurations for local and private 5G networks in complex industrial multi-stakeholder ecosystems. <i>Telecommunications Policy</i> , 2021, 45, 102128.	2.6	26
15	6G and the UN SDGs: Where is the Connection?. <i>Wireless Personal Communications</i> , 2021, 121, 1339-1360.	1.8	22
16	Business models for mobile network operators in Licensed Shared Access (LSA). , 2014, , .		21
17	The fifth archetype of electricity market: the blockchain marketplace. <i>Wireless Networks</i> , 2021, 27, 4247-4263.	2.0	16
18	Organizing for knowledge creation in a strategic interorganizational innovation project. <i>International Journal of Project Management</i> , 2022, 40, 398-410.	2.7	16

#	ARTICLE	IF	CITATIONS
19	Business Models for Local 5G Micro Operators. , 2018, , .		15
20	How Could Blockchain Transform 6G towards Open Ecosystemic Business Models?. , 2020, , .		15
21	Analysis of Blockchain Use Cases in the Citizens Broadband Radio Service Spectrum Sharing Concept. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 128-139.	0.2	14
22	How To Make 6G a General Purpose Technology: Prerequisites and value creation paradigm shift. , 2021, , .		12
23	Regulatory Pilot on Licensed Shared Access in a Live LTE-TDD Network in IMT Band 40. IEEE Transactions on Cognitive Communications and Networking, 2017, 3, 534-549.	4.9	10
24	Antecedents of Future 6G Mobile Ecosystems. , 2020, , .		9
25	Analysis of dynamic capabilities for spectrum sharing in the citizens broadband radio service. Analog Integrated Circuits and Signal Processing, 2017, 91, 187-201.	0.9	6
26	A Virtualization Infrastructure Cost Model for 5G Network Slice Provisioning in a Smart Factory. Journal of Sensor and Actuator Networks, 2021, 10, 51.	2.3	6
27	Moving from 5G in Verticals to Sustainable 6G: Business, Regulatory and Technical Research Prospects. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 176-191.	0.2	4
28	Local 5G services on campus premises: scenarios for a make 5G or buy 5G decision. Digital Policy, Regulation and Governance, 2021, 23, 337-354.	1.0	4
29	Opening Closed Business Ecosystem Boundaries With Digital Platforms. Advances in Business Strategy and Competitive Advantage Book Series, 2022, , 67-96.	0.2	4
30	Artificial Intelligence in the Telecommunication Sector: Exploratory Analysis of 6G's Potential for Organizational Agility. , 2021, , 63-81.		4
31	Field Trial of Licensed Shared Access with Enhanced Spectrum Controller Power Control Algorithms and LTE Enablers. Journal of Signal Processing Systems, 2017, 89, 119-132.	1.4	3
32	Visions for 6G Futures: a Causal Layered Analysis. , 2022, , .		3
33	Network Slice Provisioning Approaches for Industry Verticals. International Journal of Business Data Communications and Networking, 2021, 17, 1-15.	1.2	1
34	Assessment of Spectrum Management Approaches in Offshore Private Industrial 5G Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2022, , 94-107.	0.2	1
35	Value Configurations for Data and Connectivity Solutions in Digitalized Future Factories. Processes, 2021, 9, 2233.	1.3	1
36	Scalability and Replicability of Spectrum for Private 5G Network Business: Insights into Radio Authorization Policies. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 141-157.	0.2	0