

# Leonardo Richter Bays

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7272094/publications.pdf>

Version: 2024-02-01

16  
papers

417  
citations

1937685

4  
h-index

1872680

6  
g-index

16  
all docs

16  
docs citations

16  
times ranked

497  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reality shock in virtual network embedding: Flexibilizing demands for dealing with multiple operational requirements in SDNs. Journal of Network and Computer Applications, 2020, 153, 102508.	9.1	2
2	Virtual network embedding in software-defined networks. , 2016, , .		10
3	How physical network topologies affect virtual network embedding quality: A characterization study based on ISP and datacenter networks. Journal of Network and Computer Applications, 2016, 70, 1-16.	9.1	14
4	A toolset for efficient privacy-oriented virtual network embedding and its instantiation on SDN/OpenFlow-based substrates. Computer Communications, 2016, 82, 13-27.	5.1	8
5	Piecing together the NFV provisioning puzzle: Efficient placement and chaining of virtual network functions. , 2015, , .		284
6	Virtual network security: threats, countermeasures, and challenges. Journal of Internet Services and Applications, 2015, 6, .	2.1	35
7	Opportunistic resilience embedding (ORE): Toward cost-efficient resilient virtual networks. Computer Networks, 2015, 89, 59-77.	5.1	8
8	IoNCloud: Exploring application affinity to improve utilization and predictability in datacenters. , 2015, , .		1
9	HIPER: Heuristic-based infrastructure expansion through partition reconnection for efficient Virtual Network Embedding. , 2014, , .		0
10	A heuristic-based algorithm for privacy-oriented virtual network embedding. , 2014, , .		13
11	Reconnecting Partitions on Physical Infrastructures: Towards an Expansion Strategy for Efficient Virtual Network Embedding. , 2014, , .		2
12	DoS-resilient virtual networks through multipath embedding and opportunistic recovery. , 2013, , .		17
13	No more backups: Toward efficient embedding of survivable virtual networks. , 2013, , .		10
14	Characterizing the impact of network substrate topologies on virtual network embedding. , 2013, , .		5
15	Flow Based Load Balancing: Optimizing Web Servers Resource Utilization. Journal of Applied Computing Research, 2012, 1, .	0.4	2
16	Observing the BitTorrent universe through Telescopes. , 2011, , .		6