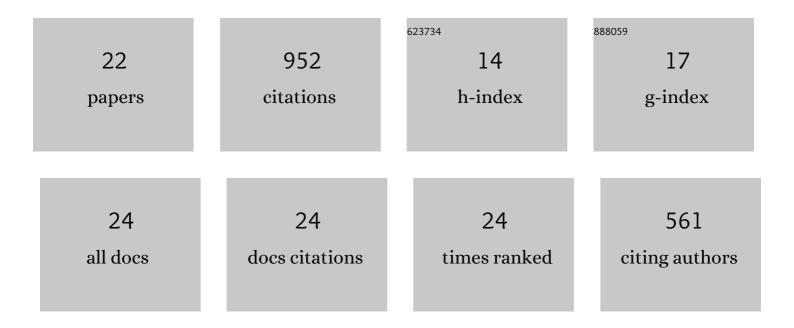
## Olivier L De Weck

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Autonomous driving systems hardware and software architecture exploration: optimizing latency and cost under safety constraints. Systems Engineering, 2020, 23, 327-337.	2.7	11
2	Deployment Strategies for Reconfigurable Satellite Constellations. , 2020, , .		0
3	Urban Roads Network Detection from High Resolution Remote Sensing. , 2019, , .		5
4	Parametric Sizing Equations for Earth Observation Satellites. Journal of Spacecraft and Rockets, 2019, 56, 476-484.	1.9	2
5	Multi-Actor Value Modeling for Federated Systems. IEEE Systems Journal, 2018, 12, 1193-1202.	4.6	18
6	Designing Future Space Systems. , 2018, , .		0
7	Satellite constellation design algorithm for remote sensing of diurnal cycles phenomena. Advances in Space Research, 2018, 62, 2529-2550.	2.6	14
8	Using inclusive wealth for policy evaluation: Application to electricity infrastructure planning in oil-exporting countries. Ecological Economics, 2017, 133, 23-34.	5.7	31
9	Distributed Earth Satellite Systems: What Is Needed to Move Forward?. Journal of Aerospace Information Systems, 2017, 14, 412-438.	1.4	57
10	A Graph Theoretic Framework for Integrated and Co-optimized Power System Planning. Incose International Symposium, 2016, 26, 2331-2345.	0.6	0
11	Campaign-level dynamic network modelling for spaceflight logistics for the flexible path concept. Acta Astronautica, 2016, 123, 51-61.	3.2	40
12	Effect of satellite formations and imaging modes on global albedo estimation. Acta Astronautica, 2016, 126, 77-97.	3.2	14
13	Generalized Multicommodity Network Flow Model for the Earth–Moon–Mars Logistics System. Journal of Spacecraft and Rockets, 2016, 53, 25-38.	1.9	61
14	Dynamic modeling and optimization for space logistics using time-expanded networks. Acta Astronautica, 2014, 105, 428-443.	3.2	55
15	Empirical evaluation of procedures to generate flexibility in engineering systems and improve lifecycle performance. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2013, 24, 277-295.	2.1	62
16	5.4.1 An Experimental Methodology to Evaluate Concept Generation Procedures Based on Quantitative Lifecycle Performance. Incose International Symposium, 2012, 22, 733-757.	0.6	0
17	Multilayer network model for analysis and management of change propagation. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2012, 23, 305-328.	2.1	101
18	Optimal reconfiguration of satellite constellations with the auction algorithm. Acta Astronautica, 2008, 62, 112-130.	3.2	39

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#	Article	IF	CITATIONS
19	Time-expanded decision networks: A framework for designing evolvable complex systems. Systems Engineering, 2007, 10, 167-188.	2.7	90
20	Flexible product platforms: framework and case study. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2007, 18, 67-89.	2.1	186
21	Parametric Scaling Model for Nongeosynchronous Communications Satellites. Journal of Spacecraft and Rockets, 2004, 41, 472-477.	1.9	25
22	Staged Deployment of Communications Satellite Constellations in Low Earth Orbit. Journal of Aerospace Computing, Information, and Communication, 2004, 1, 119-136.	0.8	141