

Peter Hollingsworth

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,620
citations

567281

15
h-index

552781

26
g-index

51
all docs

51
docs citations

51
times ranked

3131
citing authors

#	ARTICLE	IF	CITATIONS
1	Choosing and Using a Plant DNA Barcode. PLoS ONE, 2011, 6, e19254.	2.5	946
2	From barcodes to genomes: extending the concept of DNA barcoding. Molecular Ecology, 2016, 25, 1423-1428.	3.9	322
3	Refining the DNA barcode for land plants. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19451-19452.	7.1	239
4	Telling plant species apart with DNA: from barcodes to genomes. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150338.	4.0	234
5	Value-Driven Design. Journal of Aircraft, 2011, 48, 749-759.	2.4	212
6	Genome skimming herbarium specimens for DNA barcoding and phylogenomics. Plant Methods, 2018, 14, 43.	4.3	132
7	Does complete plastid genome sequencing improve species discrimination and phylogenetic resolution in <i>Araucaria</i> ?. Molecular Ecology Resources, 2015, 15, 1067-1078.	4.8	100
8	Application of Value-Driven Design to Commercial AeroEngine Systems. Journal of Aircraft, 2012, 49, 688-702.	2.4	63
9	The development and trial of an unmanned aerial system for the measurement of methane flux from landfill and greenhouse gas emission hotspots. Waste Management, 2019, 87, 883-892.	7.4	59
10	Launch and deployment of distributed small satellite systems. Acta Astronautica, 2015, 114, 65-78.	3.2	54
11	Can plastid genome sequencing be used for species identification in Lauraceae?. Botanical Journal of the Linnean Society, 2021, 197, 1-14.	1.6	38
12	Value-Driven Design. , 2009, , .		29
13	Thermocapillary simulation of single bubble dynamics in zero gravity. Acta Astronautica, 2013, 88, 108-115.	3.2	27
14	A Near-Field Gaussian Plume Inversion Flux Quantification Method, Applied to Unmanned Aerial Vehicle Sampling. Atmosphere, 2019, 10, 396.	2.3	25
15	Defining a research agenda in Value Driven Design: Questions that need to be asked. Journal of Aerospace Operations, 2012, 1, 329-342.	0.1	24
16	Measurement of boundary layer ozone concentrations on-board a Skywalker unmanned aerial vehicle. Atmospheric Science Letters, 2014, 15, 252-258.	1.9	21
17	Application of Value-Driven Design to Commercial Aero-Engine Systems. , 2010, , .		8
18	Small Satellite Launch to LEO: A Review of Current and Future Launch Systems. Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan, 2014, 12, Tf_39-Tf_47.	0.2	8

#	ARTICLE	IF	CITATIONS
19	Gaussian Process Meta-Modeling: Comparison of Gaussian Process Training Methods. , 2003, , .		7
20	A method for concept exploration of hypersonic vehicles in the presence of open and evolving requirements. , 2000, , .		6
21	An Interactive Visualization Environment for Decision Making in Aircraft Engine Preliminary Design. , 2007, , .		6
22	An integrated design methodology for the deployment of constellations of small satellites. Aeronautical Journal, 2019, 123, 1193-1215.	1.6	6
23	Environmental Challenge: How to Close the Gap Between Policy and Technology?. , 2009, , .		5
24	Development of an Airline Revenue Capability Model for Aircraft Design. , 2010, , .		5
25	Investigating the Potential of Using Quota Count as a Design Metric. Journal of Aircraft, 2011, 48, 1894-1902.	2.4	5
26	Do taxon-specific DNA barcodes improve species discrimination relative to universal barcodes in Lauraceae?. Botanical Journal of the Linnean Society, 2022, 199, 741-753.	1.6	5
27	A Method for Concept Exploration of Hypersonic Vehicles in the Presence of Open & amp; Evolving Requirements. , 2000, , .		4
28	A Technique for Use of Gaussian Processes in Advanced Meta-Modeling. , 0, , .		4
29	Identification of the Requirements Space Topology for a Rapid Response Strike System. , 0, , .		3
30	Value-centric design architecture based on analysis of space system characteristics. Acta Astronautica, 2018, 144, 69-79.	3.2	3
31	Launch Cost Analysis and Optimization Based on Analysis of Space System Characteristics. Transactions of the Japan Society for Aeronautical and Space Sciences, 2019, 62, 175-183.	0.7	3
32	Development of a surplus value parameter for use in initial aircraft conceptual design. Journal of Aerospace Operations, 2012, 1, 343-358.	0.1	2
33	Morphology and pollen fertility of native and non-native bluebells in Great Britain. Plant Ecology and Diversity, 2020, 13, 351-361.	2.4	2
34	Determination of Revolutionary Requirements Boundaries for a High-Speed, Airbreathing Propulsion System. , 2002, , .		1
35	Aerospace Systems Design: Economics as a New Way of Thinking?. , 0, , .		1
36	A Concept Selection Method Developed from a Probabilistic Multi-Criteria Decision Making Technique Using Utility Theory. , 2005, , .		1

#	ARTICLE	IF	CITATIONS
37	The Philosophy of Design Education at the University of Manchester. , 2010, , .		1
38	Investigating the Potential of Using Quota Count as a Design Metric. , 2010, , .		1
39	Dynamic Resource Allocation for Efficient Sharing of Services from Heterogeneous Autonomous Vehicles. Journal of Aerospace Information Systems, 2016, 13, 450-474.	1.4	1
40	Development of a Value Driven Design Framework for Aviation. , 2017, , .		1
41	Stochastic Aircraft Optimization and Decision Making using a Competitive Value-Driven Design Framework. , 2018, , .		1
42	Value-Driven Design Framework for Competitive Aviation Markets. Journal of Aircraft, 2019, 56, 1658-1667.	2.4	1
43	A Value-Centric Design and Certification Architecture for Space Systems. Transactions of the Japan Society for Aeronautical and Space Sciences, 2019, 62, 1-10.	0.7	1
44	A Systems Approach to Investigate the Rigidity of Intermodal Transport Systems. , 2011, , .		1
45	Program and Design Decisions in an Uncertain and Dynamic Market: Making Engineering Choices Matter. , 2005, , .		0
46	The Successful Personal Air Vehicle: Business Case Risk Reduction. , 0, , .		0
47	A Technology Management Approach in Support of Strategic Capacity and Environmental Planning. , 2009, , .		0
48	Investigating catastrophic behavior in aerospace design. Journal of Aerospace Operations, 2011, 1, 55-70.	0.1	0
49	Value-Centric/Driven Design - Application for the Space Industry. , 2017, , .		0
50	A Method for Rapid Creation of New Vehicles in Airspace Impact Evaluation Tools. , 2009, , .		0