Jeremy Straub

List of Publications by Year
in descending order

278 papers	1,494 citations	643344 15 h-index	536525 29 g-index
284 all docs	284 docs citations	284 times ranked	984 citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of techniques to reduce error in high error rule-based expert system gradient descent networks. Journal of Intelligent Information Systems, 2022, 58, 481-512.	2.8	1
2	Assessment of the comparative efficiency of <scp>software‐based</scp> Boolean, electronic, <scp>software‐based</scp> fractional value and simplified quantum principal expert systems. Expert Systems, 2022, 39, .	2.9	2
3	A modern Blackboard Architecture implementation with external command execution capability. Software Impacts, 2022, 11, 100183.	0.8	5
4	Analysis of the likelihood of quantum computing proliferation. Technology in Society, 2022, 68, 101880.	4.8	10
5	Evaluation of a Reputation Management Technique for Autonomous Vehicles. Future Internet, 2022, 14, 31.	2.4	8
6	A Pathfinding Algorithm for Lowering Infection Exposure of Healthcare Personnel Working in Makeshift Hospitals. Healthcare (Switzerland), 2022, 10, 344.	1.0	2
7	Americans' Perspectives on Online Media Warning Labels. Behavioral Sciences (Basel, Switzerland), 2022, 12, 59.	1.0	6
8	Distributed Attack Deployment Capability for Modern Automated Penetration Testing. Computers, 2022, 11, 33.	2.1	4
9	Assessment of Factors Impacting the Perception of Online Content Trustworthiness by Age, Education and Gender. Societies, 2022, 12, 61.	0.8	5
10	Deceptive Content Labeling Survey Data from Two U.S. Midwestern Universities. Data, 2022, 7, 26.	1.2	0
11	Assessment of Consumer Perception of Online Content Label Efficacy by Income Level, Party Affiliation and Online Use Levels. Information (Switzerland), 2022, 13, 252.	1.7	2
12	Simulation and Analysis of Self-Replicating Robot Decision-Making Systems. Computers, 2021, 10, 9.	2.1	2
13	Body Area Networks: A Data Sharing and Use Model Based on the Blackboard Architecture and Boundary Node Discovery. Advances in Intelligent Systems and Computing, 2021, , 1-14.	0.5	0
14	Anti-Drone Capabilities: Using a Quality Assurance Technology to Identify Exploitable UAV Weaknesses. , 2021, , .		1
15	Analysis of the changing demographics of computing doctoral degree recipients at U.S. universities and the implications of change. ACM Inroads, 2021, 12, 26-36.	0.4	0
16	Evaluating the Use of Technology Readiness Levels (TRLs) for Cybersecurity Systems. , 2021, , .		3
17	Defining, evaluating, preparing for and responding to a cyber Pearl Harbor. Technology in Society, 2021, 65, 101599.	4.8	4
18	Protection from 'Fake News': The Need for Descriptive Factual Labeling for Online Content. Future Internet, 2021, 13, 142.	2.4	18

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19	Assessment of Gradient Descent Trained Rule-Fact Network Expert System Multi-Path Training Technique Performance. Computers, 2021, 10, 103.	2.1	6
20	Expert system gradient descent style training: Development of a defensible artificial intelligence technique. Knowledge-Based Systems, 2021, 228, 107275.	4.0	16
21	Gradient descent training expert system. Software Impacts, 2021, 10, 100121.	0.8	5
22	Lightweight Network Steganography for Distributed Electronic Warfare System Communications. Transactions on Computational Science and Computational Intelligence, 2021, , 437-447.	0.3	0
23	Machine learning performance validation and training using a â€˜perfectâ€™ expert system. MethodsX, 2021, 8, 101477.	0.7	12
24	University Community Membersâ€™ Perceptions of Labels for Online Media. Future Internet, 2021, 13, 281.	2.4	6
25	Deceptive Online Content Detection Using Only Message Characteristics and a Machine Learning Trained Expert System. Sensors, 2021, 21, 7083.	2.1	5
26	Analysis of the Necessity of Quantum Computing Capacity Development for National Defense and Homeland Security. , 2021, , .		1
27	Implementation of Hardware-Based Expert Systems and Comparison of Their Performance to Software-Based Expert Systems. Machines, 2021, 9, 361.	1.2	2
28	Consideration of the Use of Smart Grid Cyberattacks as an Influence Attack and Appropriate Deterrence. , 2021, , .		1
29	Introducing & Evaluating â€˜Nutrition Factsâ€™ for Online Content. , 2020, , .		1
30	The Use of a 3U Cubesat for the Germination of Seeds in Space. , 2020, , .		0
31	Modeling Attack, Defense and Threat Trees and the Cyber Kill Chain, ATT&CK and STRIDE Frameworks as Blackboard Architecture Networks. , 2020, , .		25
32	Journal of Cybersecurity and Privacy: A New Open Access Journal. Journal of Cybersecurity and Privacy, 2020, 1, 1-3.	2.4	0
33	Use of Bash History Novelty Detection for Identification of Similar Source Attack Generation. , 2020, , .		0
34	The Use of Runtime Verification for Identifying and Responding to Cybersecurity Threats Posed to State Actors During Cyberwarfare. , 2020, , .		0
35	Evaluation of Elements of a Prospective System to Alert Users to Intentionally Deceptive Content. , 2020, , .		1
36	Software Engineering: The First Line of Defense for Cybersecurity. , 2020, , .		2

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37	Determining the Impact of Cybersecurity Failures During and Attributable to Pandemics and Other Emergency Situations. , 2020, , .		1
38	Automated Student Assessment for Cybersecurity Courses. , 2019, , .		0
39	Cyber Mutual Assured Destruction as a System of Systems and the Implications for System Design. , 2019, , .		0
40	Mutual assured destruction in information, influence and cyber warfare: Comparing, contrasting and combining relevant scenarios. Technology in Society, 2019, 59, 101177.	4.8	11
41	An Interdiction Detection and Prevention System (IDPS) for Anti-Autonomy Attack Repulsion. , 2019, , .		1
42	Anti-Drone and Anti-Autonomy: Achieving Drone Control via System Logic Analysis. , 2019, , .		4
43	Secure Satellite Database Transmission. , 2019, , .		1
44	Mission-Responsive. On-Demand 3D Printed Blimps for Martian Missions. , 2019, , .		0
45	Self-Reconfiguring Modular Robot Learning for Lower-Cost Space Applications. , 2019, , .		4
46	Autonomous Distributed Electronic Warfare System of Systems. , 2019, , .		3
47	Comparative study of fitness function in genetic algorithm for optimal site allocation using Lidar. , 2019, , .		0
48	CubeSats and Small Satellites. International Journal of Aerospace Engineering, 2019, 2019, 1-3.	0.5	3
49	Engineering Methodology for Student-Driven CubeSats. Aerospace, 2019, 6, 54.	1.1	13
50	Human face images from multiple perspectives with lighting from multiple directions with no occlusion, glasses and hat. Data in Brief, 2019, 22, 522-529.	0.5	3
51	Classifying Fake News Articles Using Natural Language Processing to Identify In-Article Attribution as a Supervised Learning Estimator. , 2019, , .		31
52	Human Male Body Images from Multiple Perspectives with Multiple Lighting Settings. Data, 2019, 4, 3.	1.2	1
53	A Dataset for Comparing Mirrored and Non-Mirrored Male Bust Images for Facial Recognition. Data, 2019, 4, 26.	1.2	1
54	Developing a Framework for Autonomous Control Software for a Human Colony on Mars. , 2019, , .		2

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55	Development of a Facial Feature Based Image Steganography Technology. , 2019, , .		0
56	Requirements Modeling Language and Automated Testing for CubeSats. , 2019, , .		1
57	Video Recordings of Male Face and Neck Movements for Facial Recognition and Other Purposes. Data, 2019, 4, 130.	1.2	0
58	Creating Simple Adversarial Examples for Speech Recognition Deep Neural Networks. , 2019, , .		0
59	Graphics Card Based Fuzzing. , 2019, , .		0
60	Automating Detection of Security-Related Software Engineering Failures. , 2019, , .		0
61	Identifying UAV Swarm Command Methods and Individual Craft Roles Using Only Passive Sensing. , 2019, , .		0
62	Manually Classified Real and Fake News Articles. , 2019, , .		8
63	Fake news identification: a comparison of parts-of-speech and N-grams with neural networks. , 2019, , .		4
64	Reducing space sensing and other mission cost with 3D printing infill optimization. , 2019, , .		1
65	Assessing online media reliability: trust, metrics and assessment. , 2019, , .		0
66	Development of a 'fake news' machine learning classifier and a dataset for its testing. , 2019, , .		2
67	Evaluation of algorithms for fake news identification. , 2019, , .		3
68	Assessment of correlations between computer science department performance and college type. ACM Inroads, 2019, 10, 60-65.	0.4	0
69	Debris, Launch and Other Considerations - Towards a Small Satellite Operations Paradigm. , 2018, , .		0
70	Correlated lip motion and voice audio data. Data in Brief, 2018, 21, 856-860.	0.5	2
71	Cybersecurity Considerations for Image Pattern Recognition Applications. , 2018, , .		1
72	Introduction of a Maritime Model for Cyber and Information Warfare. , 2018, , .		1

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73	Towards an Influence Model for Cybersecurity and Information Warfare. , 2018, , .		2
74	Cybersecurity: A New Open Access Journal. Journal of Cybersecurity and Privacy, 2018, 1, 1.	2.4	3
75	Use of Intelligent Water Drops (IWD) for Intelligent Autonomous Force Deployment. Advances in Intelligent Systems and Computing, 2018, , 791-801.	0.5	0
76	The Implementation of 'App on Demand' Functionality for CubeSats and Other Small Satellites and Its Application to Educational Applications. , 2017, , .		0
77	Development of Command and Control Software for an In-Space 3D Printer and Small Satellite Test Mission. , 2017, , .		0
78	Summative Assessment. , 2017, , 151-173.		0
79	Small Spacecraft Development Project-Based Learning. , 2017, , .		6
80	Using deep learning to detect network intrusions and malware in autonomous robots. , 2017, , .		4
81	Consideration of materials for creating 3D printed space sensors and systems. , 2017, , .		0
82	CubeSat mechanical design: creating low mass and durable structures. , 2017, , .		0
83	Genetic algorithm for flood detection and evacuation route planning. Proceedings of SPIE, 2017, , .	0.8	6
84	An energy-efficient and secure hybrid algorithm for wireless sensor networks using a mobile data collector. , 2017, , .		1
85	A testing and demonstration mission for an automated spacecraft repair system. , 2017, , .		0
86	Low-cost satellite mechanical design and construction. Proceedings of SPIE, 2017, , .	0.8	0
87	Electrical design for origami solar panels and a small spacecraft test mission. Proceedings of SPIE, 2017, , .	0.8	0
88	Analysis of a space debris laser removal system. , 2017, , .		1
89	Toward model-based requirement engineering tool support. , 2017, , .		5
90	An update on the OpenOrbiter I mission. , 2017, , .		2

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91	Using supervised learning to compensate for high latency in planetary exploration. , 2017, , .		1
92	Physical security and cyber security issues and human error prevention for 3D printed objects: detecting the use of an incorrect printing material. , 2017, , .		6
93	A combined system for 3D printing cybersecurity. Proceedings of SPIE, 2017, , .	0.8	3
94	Identifying positioning-based attacks against 3D printed objects and the 3D printing process. , 2017, , .		9
95	An approach to detecting deliberately introduced defects and micro-defects in 3D printed objects. Proceedings of SPIE, 2017, , .	0.8	7
96	3D printing cybersecurity: detecting and preventing attacks that seek to weaken a printed object by changing fill level. Proceedings of SPIE, 2017, , .	0.8	6
97	Characterization of command software for an autonomous attitude determination and control system for spacecraft. International Journal of Computers and Applications, 2017, 39, 198-209.	0.8	1
98	An update on the OpenOrbiter I Mission and its paradigm's benefits for the defense, homeland security and intelligence communities. Proceedings of SPIE, 2017, , .	0.8	0
99	Zone based hybrid approach for clustering and data collection in wireless sensor networks. , 2017, , .		3
100	An incremental and approximate local outlier probability algorithm for intrusion detection and its evaluation. Journal of Cyber Security Technology, 2017, 1, 75-87.	1.8	13
101	Analysis of student characteristics and feeling of efficacy in a first undergraduate artificial intelligence course. , 2017, , .		1
102	Testing automation for an intrusion detection system. , 2017, , .		4
103	An expert system for the prediction of student performance in an initial computer science course. , 2017, , .		10
104	Development and Design Evolution of an In-Space 3D Printer. , 2017, , .		2
105	An internetworked self-driving car system-of-systems. , 2017, , .		8
106	Development of an app-on-demand capability for unmanned systems. , 2017, , .		0
107	Development of a small satellite primarily inertial autonomous self-correcting attitude determination and control system (Conference Presentation). , 2017, , .		0
108	Development and testing of an intrusion detection system for unmanned aerial systems. , 2017, , .		1

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109	CyberSecurity considerations for an interconnected self-driving car system of systems. , 2017, , .		9
110	An interconnected architecture for an emergency medical response unmanned aerial system. , 2017, , .		15
111	Teaching software project management using project based learning (PBL) and group projects. , 2017, , .		8
112	An interconnected network of UAS as a system-of-systems. , 2017, , .		3
113	Automated testing of a self-driving vehicle system. , 2017, , .		4
114	A CubeSat Test Mission to Advance In-Space 3D-Printing. , 2017, , .		2
115	Concepts for 3D Printing-Based Self-Replicating Robot Command and Coordination Techniques. Machines, 2017, 5, 12.	1.2	14
116	Comparative analysis of graph partitioning algorithms in context of computation offloading. , 2017, , .		0
117	Towards Operating Standards for Cube Satellites and Small Spacecraft. Astropolitics, 2017, 15, 77-95.	0.2	1
118	Why Start a Small Spacecraft Program. , 2017, , 21-35.		1
119	Starting a Small Spacecraft Program: Types of Programs and Their Benefits and Drawbacks. , 2017, , 53-63.		0
120	Setting Educational Goals and Formative Assessment. , 2017, , 129-150.		0
121	Student Involvement and Risk. , 2017, , 101-128.		0
122	Forming a Program: Funding and Organizational Issues. , 2017, , 65-75.		0
123	Integrating autonomous distributed control into a human-centric C4ISR environment. , 2017, , .		0
124	Automating maintenance for a one‑way transmitting blackboard system used for autonomous multi‑tier control. Expert Systems, 2016, 33, 518-530.	2.9	5
125	Expansion of uses for an adaptive attitude determanation and control system. , 2016, , .		0
126	Accelerated stress & reliability testing for software and cyber-physical systems. , 2016, , .		1

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127	Enablement of scientific remote sensing missions with in-space 3D printing. Proceedings of SPIE, 2016, , .	0.8	0
128	Design for an in-space 3D printer. Proceedings of SPIE, 2016, , .	0.8	8
129	DeSCJOB: the deep space cam joined observation bot. Proceedings of SPIE, 2016, , .	0.8	1
130	A CubeSat deployable solar panel system. Proceedings of SPIE, 2016, , .	0.8	2
131	Evaluation of the durability of 3D printed keys produced by computational processing of image data. , 2016, , .		0
132	Consideration of techniques to mitigate the unauthorized 3D printing production of keys. , 2016, , .		1
133	Evaluation of the use of 3D printing and imaging to create working replica keys. Proceedings of SPIE, 2016, , .	0.8	1
134	Development of origami-style solar panels for use in support of a Mars mission. Proceedings of SPIE, 2016, , .	0.8	3
135	Consideration of the use of origami-style solar panels for use on a terrestrial/orbital wireless power generation and transmission spacecraft. Proceedings of SPIE, 2016, , .	0.8	1
136	Alignment issues, correlation techniques and their assessment for a visible light imaging-based 3D printer quality control system. , 2016, , .		2
137	Applications of a dynamic tethering system to enable the deep space cam jointed observation bot. Proceedings of SPIE, 2016, , .	0.8	1
138	Implementation of a large solar collector for electric charge generation. , 2016, , .		1
139	Enablement of defense missions with in-space 3D printing. Proceedings of SPIE, 2016, , .	0.8	0
140	Cybersecurity methodology for a multi-tier mission and its application to multiple mission paradigms. , 2016, , .		1
141	The development of a simulation environment for testing of a multi-tier mission command architecture. , 2016, , .		0
142	Autonomous navigation and control of unmanned aerial systems in the national airspace. , 2016, , .		5
143	An autonomous satellite debris avoidance system. , 2016, , .		1
144	Toward requirements engineering of cyber-physical systems: Modeling CubeSat. , 2016, , .		8

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145	Consideration of the versatility of the Open Prototype for Educational NanoSats CubeSat design. , 2016, , .		3
146	Automated testing and quality assurance of 3D printing/3D printed hardware: Assessment for quality assurance and cybersecurity purposes. , 2016, , .		9
147	Evaluation of the use of laser scanning to create key models for 3D printing separate from and augmenting visible light sensing. , 2016, , .		2
148	Evaluation of the use of 3D printing and imaging to create working replica keys. , 2016, , .		1
149	Comparison of the impact of different key types on ease of imaging and printing for replica key production. Proceedings of SPIE, 2016, , .	0.8	0
150	Powering an in-space 3D printer using solar light energy. Proceedings of SPIE, 2016, , .	0.8	1
151	An aerial 3D printing test mission. Proceedings of SPIE, 2016, , .	0.8	0
152	Characterization of internal geometry / covered surface defects with a visible light sensing system. , 2016, , .		2
153	Enabling homeland security missions with in-space 3D printing. Proceedings of SPIE, 2016, , .	0.8	0
154	Consideration of the use of autonomous, non-recallable unmanned vehicles and programs as a deterrent or threat by state actors and others. Technology in Society, 2016, 44, 39-47.	4.8	13
155	A Distributed Blackboard Approach Based Upon a Boundary Node Concept. Journal of Intelligent and Robotic Systems: Theory and Applications, 2016, 82, 467-478.	2.0	7
156	An Expert System for the Prediction of Student Performance in an Initial Computer Science Course (Abstract Only). , 2016, , .		3
157	A Pathway to Small Satellite Market Growth. Advances in Aerospace Science and Technology, 2016, 01, 14-20.	0.2	14
158	Effects of international trafficking in arms regulations changes. Communications of the ACM, 2016, 60, 39-41.	3.3	1
159	Evaluation of high-altitude balloons as a learning technology. International Journal of Learning Technology, 2015, 10, 94.	0.2	2
160	In Search of Standards for the Operation of Small Satellites. , 2015, , .		2
161	Initial Work on the Characterization of Additive Manufacturing (3D Printing) Using Software Image Analysis. Machines, 2015, 3, 55-71.	1.2	114
162	Integrating visible light 3D scanning into the everyday world. , 2015, , .		0

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163	Use of open space box: supporting tele-medicine in space through efficient data transmission. , 2015, , .		0
164	A very low-cost 3D scanning system for whole-body imaging. , 2015, , .		2
165	Consideration of the use of visible light 3D scanning for prisoner contraband possession assessment and other similar purposes. , 2015, , .		0
166	Enhancing head and helmet-mounted displays using a virtual pixel technology. , 2015, , .		0
167	Intelligent Water Drops Algorithm for Coordinating Activities Between Cluster Spacecraft in a Communications-Denied Environment. , 2015, , .		0
168	The use of a low-cost visible light 3D scanner to create virtual reality environment models of actors and objects. , 2015, , .		1
169	A virtual pixel software and hardware technology to increase projector resolution. Proceedings of SPIE, 2015, , .	0.8	2
170	Analysis of mutual assured destruction-like scenario with swarms of non-recallable autonomous robots. Proceedings of SPIE, 2015, , .	0.8	0
171	Cybersecurity for aerospace autonomous systems. , 2015, , .		0
172	Swarm intelligence, a Blackboard architecture and local decision making for spacecraft command. , 2015, , .		3
173	Using a constellation of CubeSats for in-space optical 3D scanning. , 2015, , .		2
174	Nanosatellite scheduling using a dictionary module and a ‘useful trick’ with coded unsigned integers. , 2015, , .		0
175	Comparing the effect of pruning on a best path and a naïve-approach blackboard solver. International Journal of Automation and Computing, 2015, 12, 503-510.	4.5	9
176	Application of a Maritime Framework to Space: Deep Space Conflict and Warfare Scenario. Astropolitics, 2015, 13, 65-77.	0.2	4
177	An overview of the OpenOrbiter autonomous operating software. , 2015, , .		2
178	The OpenOrbiter CubeSat as a system-of-systems (SoS) and how SoS engineering (SoSE) Aids CubeSat design. , 2015, , .		3
179	Analysis of a ‘turn-key’ no hardware space mission using the orbital services model. , 2015, , .		0
180	In search of technology readiness level (TRL) 10. Aerospace Science and Technology, 2015, 46, 312-320.	2.5	94

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181	Cybersecurity for aerospace autonomous systems. Proceedings of SPIE, 2015, , .	0.8	2
182	Economic analysis of open space box model utilization in spacecraft. Proceedings of SPIE, 2015, , .	0.8	0
183	A suborbital IMU test mission. , 2015, , .		0
184	Using a blackboard architecture or expert system to identify obfuscated targets from symptoms. Proceedings of SPIE, 2015, , .	0.8	1
185	A virtual pixel technology to enhance the resolution of monitors and for other purposes. , 2015, , .		1
186	Analysis of the acceptance of autonomous planetary science data collection by field of inquiry. Advances in Space Research, 2015, 55, 2708-2718.	1.2	3
187	Characterization of a Large, Low-Cost 3D Scanner. Technologies, 2015, 3, 19-36.	3.0	33
188	Characterization of UAV hover patterns in support of super resolution research. Proceedings of SPIE, 2015, , .	0.8	0
189	Impact of lighting and attire on 3D scanner performance. Proceedings of SPIE, 2015, , .	0.8	2
190	Pragmatic open space box utilization: asteroid survey model using distributed objects management based articulation (DOMBA). , 2015, , .		0
191	The use of 3D scanning for sporting applications. , 2015, , .		5
192	The use of 3D scanning for wellness assessment purposes. Proceedings of SPIE, 2015, , .	0.8	0
193	Characterization of 3D printing output using an optical sensing system. Proceedings of SPIE, 2015, , .	0.8	1
194	An Intelligent Attitude Determination and Control System for a CubeSat Class Spacecraft. , 2015, , .		4
195	Liability in UAV / UAS operations: Consideration of who should bear the cost of damages in UAV / UAS accidents. , 2015, , .		1
196	Image enhancement using hierarchical Bayesian image expansion super resolution. Proceedings of SPIE, 2015, , .	0.8	1
197	A Blackboard-style decision-making system for multi-tier craft control and its evaluation. Journal of Experimental and Theoretical Artificial Intelligence, 2015, 27, 763-777.	1.8	16
198	Open Space Box: communication to support Big Data in orbit. , 2015, , .		0

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199	A Bent-Pipe Microwave Wireless Power Transfer Spacecraft for Relay to Unserved Regions. , 2015, , .		0
200	OpenOrbiter Mechanical Design: a New Approach to the Design of a 1-U CubeSat. , 2015, , .		2
201	Small satellite communications security and student learning in the development of ground station software. , 2015, , .		0
202	A Martian Technology Demonstration Mission and Subsequent Human Mission Support Use for a Space Solar Power Wireless Power Transfer System. , 2015, , .		0
203	A very low-cost system for capturing 3D motion scans with color and texture data. , 2015, , .		0
204	Design and Implementation of Satellite Software to Facilitate Future CubeSat Development. , 2015, , .		0
205	Results from the First National Survey of Student Outcomes from Small Satellite Program Participation. , 2015, , .		2
206	Utilizing a Solar Panel Array Architecture to Support Work on Space Solar Power. , 2015, , .		0
207	Utilizing in-situ resources and 3D printing structures for a manned Mars mission. Acta Astronautica, 2015, 107, 317-326.	1.7	89
208	Does the use of space solar power for in-space activities really make sense: An updated economic assessment. Space Policy, 2015, 31, 21-26.	0.8	7
209	Extending the Student Qualitative Undertaking Involvement Risk Model. Journal of Aerospace Technology and Management, 2014, 6, 333-352.	0.3	8
210	Development of a Large, Low-Cost, Instant 3D Scanner. Technologies, 2014, 2, 76-95.	3.0	65
211	Student Expectations from Participating in a Small Spacecraft Development Program. Aerospace, 2014, 1, 18-30.	1.1	10
212	Evaluation of the Educational Impact of Participation Time in a Small Spacecraft Development Program. Education Sciences, 2014, 4, 141-154.	1.4	26
213	Comparing the Blackboard Architecture and Intelligent Water Drops for Spacecraft Cluster Control. , 2014, , .		1
214	Assessment of examinations in computer science doctoral education. Computer Science Education, 2014, 24, 25-70.	2.7	6
215	Using artificial intelligence for automating testing of a resident space object collision avoidance system on an orbital spacecraft. , 2014, , .		0
216	Automating software design and configuration for a small spacecraft. Proceedings of SPIE, 2014, , .	0.8	0

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217	Portability scenarios for intelligent robotic control agent software. , 2014, , .		0
218	Detection of obscured and partially covered objects using partial network matching and an image feature network-based object recognition algorithm. , 2014, , .		1
219	Building space operations resiliency with a multi-tier mission architecture. , 2014, , .		2
220	A Novel Deployable Array Architecture for Micro to Full Sized Satellites. , 2014, , .		3
221	Evaluation and prioritization of scientific data based on its level of support or refutation of an experimental thesis. , 2014, , .		1
222	Above the cloud computing orbital services distributed data model. Proceedings of SPIE, 2014, , .	0.8	0
223	A Comparison of Learning Technologies for Teaching Spacecraft Software Development. Journal of Educational Technology Systems, 2014, 42, 417-446.	3.6	1
224	Extending the orbital services model beyond computing, communications and sensing. , 2014, , .		6
225	Application of an image feature network-based object recognition algorithm to aircraft detection and classification. , 2014, , .		0
226	Detection of small targets and their characterization based on their formation using an image feature network-based object recognition algorithm. Proceedings of SPIE, 2014, , .	0.8	1
227	Unmanned aerial systems: Consideration of the use of force for law enforcement applications. Technology in Society, 2014, 39, 100-109.	4.8	35
228	The Use of the Blackboard Architecture for a Decision Making System for the Control of Craft with Various Actuator and Movement Capabilities. , 2014, , .		15
229	The use of 3D printing to enable high altitude balloon missions. , 2014, , .		0
230	A space-to-space microwave wireless power transmission experiential mission using small satellites. Acta Astronautica, 2014, 103, 193-203.	1.7	27
231	Profile-based autonomous data feeding: an approach to the information retrieval problem in a high communications latency environment. Proceedings of SPIE, 2014, , .	0.8	0
232	Command of a multi-tier robotic network with local decision-making capabilities. International Journal of Space Science and Engineering, 2014, 2, 225.	0.1	6
233	A Variety of Configurations for Incorporating Actuation Components into the Structural Members of a CubeSat. , 2014, , .		0
234	A Two-Phase Development and Validation Plan for North Dakota's First Spacecraft. , 2014, , .		0

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235	Data storage management in a distributed database with deterministic limited communications windows between data storage nodes. , 2014, , .		1
236	Intelligent water drops for aerospace and defense applications. , 2014, , .		2
237	Impact of a revised standard for best practices for academic, governmental and industrial ground station scheduling and communications design. , 2014, , .		0
238	Assessing the Value of the OpenOrbiter Programâ€™s Research Experience for Undergraduates. SAGE Open, 2014, 4, 215824401455171.	0.8	6
239	A model-based multisensor data fusion knowledge management approach. Proceedings of SPIE, 2014, , .	0.8	0
240	Evaluation of a Multi-Goal Solver for Use in a Blackboard Architecture. International Journal of Decision Support System Technology, 2014, 6, 1-13.	0.4	6
241	Robotic disaster recovery efforts with ad-hoc deployable cloud computing. , 2013, , .		1
242	Fusion of data from multiple sensors with model-based data analysis. , 2013, , .		6
243	Exposing multiple User-Specific Data Denominated Products from a single small satellite data stream. , 2013, , .		0
244	The open prototype for educational NanoSats: Fixing the other side of the small satellite cost equation. , 2013, , .		38
245	Model-based software engineering for an imaging CubeSat and its extrapolation to other missions. , 2013, , .		5
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