

Li Qiao

List of Publications by Year in descending order

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papers

419
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759233

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29
all docs

29
docs citations

29
times ranked

547
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple ECG Fiducial Points-Based Random Binary Sequence Generation for Securing Wireless Body Area Networks. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 655-663.	6.3	65
2	Ideas and Challenges for Securing Wireless Implantable Medical Devices: A Review. IEEE Sensors Journal, 2017, 17, 562-576.	4.7	56
3	Single-Pass Sub-Meter Space-Based GNSS-R Ice Altimetry: Results From TDS-1. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 3782-3788.	4.9	40
4	Finger-to-Heart (F2H): Authentication for Wireless Implantable Medical Devices. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 1546-1557.	6.3	38
5	Augmentation of XNAV System to an Ultraviolet Sensor-Based Satellite Navigation System. IEEE Journal on Selected Topics in Signal Processing, 2009, 3, 777-785.	10.8	27
6	Product modular analysis with design structure matrix using a hybrid approach based on MDS and clustering. Journal of Engineering Design, 2017, 28, 433-456.	2.3	27
7	A Critical Analysis of ECG-Based Key Distribution for Securing Wearable and Implantable Medical Devices. IEEE Sensors Journal, 2019, 19, 1186-1198.	4.7	23
8	A Novel a Priori State Computation Strategy for the Unscented Kalman Filter to Improve Computational Efficiency. IEEE Transactions on Automatic Control, 2017, 62, 1852-1864.	5.7	20
9	A Standard Description of the Terms Module and Modularity for Systems Engineering. IEEE Transactions on Engineering Management, 2020, 67, 365-375.	3.5	17
10	Research on the Signal Reconstruction of the Phased Array Structural Health Monitoring Based Using the Basis Pursuit Algorithm. Computers, Materials and Continua, 2019, 58, 409-420.	1.9	13
11	Performance analysis of a federated ultra-tight global positioning system/inertial navigation system integration algorithm in high dynamic environments. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2015, 229, 56-71.	1.3	12
12	Effect of PDOP on performance of Kalman Filters for GNSS-based space vehicle position estimation. GPS Solutions, 2017, 21, 1379-1387.	4.3	12
13	Detecting Targets above the Earth's Surface Using GNSS-R Delay Doppler Maps: Results from TDS-1. Remote Sensing, 2019, 11, 2327.	4.0	12
14	Dynamic Modular Architecture for Product Lifecycle. Procedia CIRP, 2016, 48, 271-276.	1.9	9
15	The Validation of the Weight Function in the Leading-Edge-Derivative Path Delay Estimator for Space-Based GNSS-R Altimetry. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6243-6254.	6.3	9
16	Fault tolerant navigation method for satellite based on information fusion and unscented Kalman filter. Journal of Systems Engineering and Electronics, 2010, 21, 682-687.	2.2	7
17	Fingerprint Access Control for Wireless Insulin Pump Systems Using Cancelable Delaunay Triangulations. IEEE Access, 2019, 7, 75629-75641.	4.2	7
18	A quantified approach of predicting suitability of using the Unscented Kalman Filter in a non-linear application. Automatica, 2020, 122, 109241.	5.0	6

#	ARTICLE	IF	CITATIONS
19	Computationally Efficient Unscented Kalman Filtering Techniques for Launch Vehicle Navigation using a Space-borne GPS Receiver. , 0, , .		6
20	Using cubesats as platforms for remote sensing with satellite navigation signals. , 2013, , .		3
21	A Hybrid Approach for Supply Chain Analysis: An Application of Network and Cluster Analysis. Incoese International Symposium, 2017, 27, 746-762.	0.6	3
22	Impact of Receiver Dynamics on Space-Based GNSS-R Altimetry. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 1974-1980.	4.9	3
23	Integration of ultraviolet sensor and X-ray detector for navigation satellite orbit estimation. , 2008, , .		2
24	The algorithm and simulation for satellite navigation using x-ray pulsars. , 2007, , .		1
25	Analysis of Business Processes in Supply Chain: An Interpretive Structural Modeling Approach. , 2020, , .		1
26	An Improved Geometric Model for Space-Based GNSS-R Altimetry. , 2018, , .		0
27	Analyzing Anomalous Artefacts in TDS-1 Delay Doppler Maps. , 2019, , , .		0
28	SMACOF Hierarchical Clustering to Manage Complex Design Problems with the Design Structure Matrix. Advances in Intelligent Systems and Computing, 2019, , 50-61.	0.6	0
29	Addendum: Hu, C.; et al. Detecting Targets above the Earth's Surface Using GNSS-R Delay Doppler Maps: Results from TDS-1. Remote Sens. 2019, 11, 2327. Remote Sensing, 2021, 13, 715.	4.0	0