Craig R Benson

List of Publications by Year
in descending order

20 papers	163 citations	1937685 4 h-index	1720034 7 g-index
20 all docs	20 docs citations	20 times ranked	219 citing authors

#	ARTICLE	IF	CITATIONS
1	Bistatic radar observations of near-earth asteroid (163899) 2003 SD220 from the southern hemisphere. Icarus, 2021, 357, 114250.	2.5	1
2	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
3	Localization Error Bounds for 5G mmWave Systems Under I/Q Imbalance. IEEE Transactions on Vehicular Technology, 2020, 69, 7971-7975.	6.3	12
4	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
5	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
6	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
7	Analyzing Anomalous Artefacts in TDS-1 Delay Doppler Maps. , 2019, , .		0
8	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
9	First Detection of Two Near‐Earth Asteroids With a Southern Hemisphere Planetary Radar System. Radio Science, 2017, 52, 1344-1351.	1.6	4
10	Open-water, real-time, high data-rate, underwater acoustic modem testing. , 2017, , .		1
11	Effect of buffering on the throughput of ALOHA. , 2016, , .		2
12	A note on CSMA performance in underwater acoustic networks. Computer Communications, 2015, 55, 62-68.	5.1	0
13	High precision ultrasonic positioning using a robust optimization approach. , 2013, , .		3
14	High precision multiple ultrasonic transducer positioning using a robust optimization approach. , 2013, , .		2
15	Towards robust high data-rate hydro-acoustic modems. , 2012, , .		3
16	High precision ultrasonic positioning using phase correlation. , 2012, , .		5
17	Routing protocols for underwater ad hoc networks. , 2012, , .		10
18	High-frequency underwater acoustic communication development system. , 2011, , .		5

#	ARTICLE	IF	CITATIONS
19	Design of a high frequency FPGA acoustic modem for underwater communication. , 2010, , .		16
20	A high data-rate, software-defined underwater acoustic modem. , 2010, , .		35