Sebastian Kram

List of Publications by Year
in descending order

13 papers	**187** citations	1937685 **4** h-index	2053705 **5** g-index
13 all docs	**13** docs citations	**13** times ranked	**190** citing authors

#	Article	IF	Citations
1	Estimating TOA Reliability With Variational Autoencoders. IEEE Sensors Journal, 2022, 22, 5133-5140.	4.7	8
2	Off-Line Evaluation of Indoor Positioning Systems in Different Scenarios: The Experiences From IPIN 2020 Competition. IEEE Sensors Journal, 2022, 22, 5011-5054.	4.7	35
3	Robust ToA-Estimation using Convolutional Neural Networks on Randomized Channel Models. , 2021, , .		9
4	Accuracy-Aware Compression of Channel Impulse Responses using Deep Learning. , 2021, , .		2
5	NLOS Detection using UWB Channel Impulse Responses and Convolutional Neural Networks. , 2020, , .		41
6	RNN-Aided Human Velocity Estimation from a Single IMU. Sensors, 2020, 20, 3656.	3.8	23
7	Discrete Positioning Using UWB Channel Impulse Responses and Machine Learning. , 2019, , .		2
8	A Bidirectional LSTM for Estimating Dynamic Human Velocities from a Single IMU. , 2019, , .		26
9	UWB Channel Impulse Responses for Positioning in Complex Environments: A Detailed Feature Analysis. Sensors, 2019, 19, 5547.	3.8	25
10	Approximation of enzyme kinetics for high enzyme concentration by a first order perturbation approach. Journal of Mathematical Chemistry, 2018, 56, 1153-1183.	1.5	2
11	Universal Kriging of RSS Databases in a Bayesian Filter. , 2018, , .		2
12	Spatial interpolation of Wi-Fi RSS fingerprints using model-based universal kriging. , 2017, , .		9
13	Blind Spoofing Detection for Multi-Antenna Snapshot Receivers using Machine-Learning Techniques. , 0, , .		3