

# Sean McGrath

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4936522/publications.pdf>

Version: 2024-02-01

39  
papers

226  
citations

2258059

3  
h-index

2272923

4  
g-index

39  
all docs

39  
docs citations

39  
times ranked

179  
citing authors

#	ARTICLE	IF	CITATIONS
1	SER optimization in transparent OFDM relay systems in the presence of dual nonlinearity. , 2022, 126, 103506.		3
2	A Wideband Millimeter-wave Tunable Filter based on Periodic Square Spiral Structure and Liquid Crystal Material. , 2020, , .		2
3	IoT Personal Air Quality Monitor. , 2020, , .		18
4	Breaking the workflow: Design heuristics to support the development of usable digital audio production tools. , 2020, , .		1
5	Racewalking Gait Analysis Based on RGB Images. , 2019, , .		0
6	Frequency Reconfigurable SRR Filter Based on Nematic Liquid Crystal for Microwave Applications. , 2019, , .		1
7	The effective refocusing distance of the light field camera. , 2019, , .		0
8	3D Facial Expression Recognition Using Deep Feature Fusion CNN. , 2019, , .		5
9	Using Hybrid Sensing Method for Motion Capture in Volleyball Techniques Training. , 2018, , .		4
10	API Monitor based on Internet of Things technology. , 2018, , .		6
11	Adaptive shadow removal algorithm for face images. , 2018, , .		2
12	Environmental monitoring based on Internet of Things Technology. , 2018, , .		6
13	Towards the Distributed Edge – An IoT Review. , 2018, , .		10
14	Smart Building Based on Internet of Things Technology. , 2018, , .		24
15	Smart Parking System Using Image Processing and Artificial Intelligence. , 2018, , .		10
16	An Algorithm for Obstacle Detection based on YOLO and Light Filed Camera. , 2018, , .		15
17	The user experience of mobile music making: An ethnographic exploration of music production and performance in practice. Computers in Human Behavior, 2017, 72, 233-245.	8.5	8
18	The Rough Mile. , 2017, , .		4

#	ARTICLE	IF	CITATIONS
19	The Rough Mile. , 2017, , .		4
20	The Grime Scene. , 2016, , .		3
21	GeoTracks. , 2016, , .		5
22	Making Music Together. , 2016, , .		8
23	Designing for Exploratory Play with a Hackable Digital Musical Instrument. , 2016, , .		20
24	Cognitive ultra wideband radio spectrum sensing window length optimization algorithm. Eurasip Journal on Wireless Communications and Networking, 2014, 2014, .	2.4	4
25	Joint Spectrum Sensing and Power Allocation Algorithm for Spectrum Efficiency Optimization in Ultra Wideband Cognitive Radio Networks. , 2012, , .		5
26	Energy-conscious prototype for enabling multi-protocol wireless communications. , 2012, , .		0
27	A Novel Indoor Navigation Approach Employing Motion Statistics. , 2010, , .		2
28	Multiuser Spectral Efficiency Maximization in Cognitive Ultra Wideband Radio Systems. , 2010, , .		0
29	An energy spreading technique for cognitive radio networks. , 2010, , .		1
30	Spectrum efficiency optimization in multiuser Ultra Wideband cognitive radio networks. , 2010, , .		5
31	Throughput Maximization for Multiband-OFDM Ultra Wideband Systems with Adaptive Frame Length Control. Communications in Computer and Information Science, 2009, , 439-452.	0.5	0
32	Rate Maximization for Multiband OFDM Ultra Wideband Systems Using Adaptive Power and Bit Loading Algorithm. , 2009, , .		4
33	Optimal power and bit allocation schemes for ultra wideband cognitive radio systems. , 2009, , .		2
34	Evaluating QoS in a Multi-Access Wireless Network. , 2009, , 1-30.		0
35	Saturation throughput analysis of Multiband-OFDM ultra wideband networks. , 2008, , .		3
36	Mobility in an RF-isolated test platform. IEEE Wireless Communications, 2008, 15, 8-15.	9.0	0

#	ARTICLE	IF	CITATIONS
37	An Integrated UMTS-WLAN Testbed. , 2007, , .		2
38	The common RRM approach to admission control for converged heterogeneous wireless networks. IEEE Wireless Communications, 2007, 14, 48-56.	9.0	38
39	The Application of Fluid Mobility Modelling in Wireless Cellular Networks. Mobile Information Systems, 2007, 3, 89-106.	0.6	1