Spiridon K Chronopoulos

List of Publications by Year
in descending order

52 papers	**458** citations	**13** h-index	**17** g-index
55 all docs	**55** docs citations	**55** times ranked	**336** citing authors

687220

887953

#	Article	IF	Citations
1	A Prototype Photoplethysmography Electronic Device that Distinguishes Congestive Heart Failure from Healthy Individuals by Applying Natural Time Analysis. Electronics (Switzerland), 2019, 8, 1288.	1.8	30
2	Performance of Turbo Coded OFDM Under the Presence of Various Noise Types. Wireless Personal Communications, 2016, 87, 1319-1336.	1.8	27
3	Comparison of Voice Handicap Index Scores Between Female Students of Speech Therapy and Other Health Professions. Journal of Voice, 2017, 31, 583-588.	0.6	21
4	Voice Handicap Index and Interpretation of the Cutoff Points Using Receiver Operating Characteristic Curve as Screening for Young Adult Female Smokers. Journal of Voice, 2018, 32, 64-69.	0.6	21
5	Using Receiver Operating Characteristic Curve to Define the Cutoff Points of Voice Handicap Index Applied to Young Adult Male Smokers. Journal of Voice, 2018, 32, 443-448.	0.6	18
6	A new portable ELF Schumann resonance receiver: design and detailed analysis of the antenna and the analog front-end. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	1.5	18
7	Earth-to-Earth Microwave Rain Attenuation Measurements: A Survey On the Recent Literature. Symmetry, 2020, 12, 1440.	1.1	18
8	Pre-seismic Electromagnetic Perturbations in Two Earthquakes in Northern Greece. Pure and Applied Geophysics, 2020, 177, 787-799.	0.8	17
9	Attack Detection for Healthcare Monitoring Systems Using Mechanical Learning in Virtual Private Networks over Optical Transport Layer Architecture. Computation, 2019, 7, 24.	1.0	16
10	Checking for voice disorders without clinical intervention: The Greek and global VHI thresholds for voice disordered patients. Scientific Reports, 2019, 9, 9366.	1.6	14
11	Cross-cultural Adaptation and Validation of the Greek Voice Handicap Index-10 (GVHI-10) With Additional Receiver Operating Characteristic Analysis. Journal of Voice, 2020, 34, 304.e1-304.e8.	0.6	14
12	Preliminary BER Study of a TC - OFDM system operating under noisy conditions. Journal of Engineering Science and Technology Review, 2016, 9, 13-16.	0.2	14
13	Enhanced PAPR in OFDM without Deteriorating BER Performance. International Journal of Communications, Network and System Sciences, 2011, 04, 164-169.	0.4	14
14	Turbo Codesâ€•A New PCCC Design. Communications and Network, 2011, 03, 229-234.	0.6	13
15	In depth analysis of noise effects in orthogonal frequency division multiplexing systems, utilising a large number of subcarriers. , 2010, , .		10
16	A rain estimation model based on microwave signal attenuation measurements in the city of Ioannina, Greece. Meteorological Applications, 2020, 27, e1932.	0.9	10
17	Study of the variations in the Schumann resonances parameters measured in a southern Mediterranean environment. Science of the Total Environment, 2020, 715, 136926.	3.9	10
18	Turbo Coded OFDM with Large Number of Subcarriers. Journal of Signal and Information Processing, 2012, 03, 161-168.	0.8	10

#	Article	IF	Citations
19	Possible earthquake forecasting in a narrow space-time-magnitude window. Earth Science Informatics, 2021, 14, 349-364.	1.6	9
20	Remote sensing natural time analysis of heartbeat data by means of a portable photoplethysmography device. International Journal of Remote Sensing, 2021, 42, 2292-2302.	1.3	9
21	Reducing Peak-to-Average Power Ratio of a Turbo Coded OFDM. Wireless Engineering and Technology, 2012, 03, 195-202.	0.6	9
22	Acoustic and Perceived Measurements Certifying Tango as Voice Treatment Method. Journal of Voice, 2018, 32, 256.e13-256.e24.	0.6	8
23	Effective Capacity of Fluctuating Two-Ray Channels with Arbitrary Fading Parameters. , 2018, , .		8
24	Correlation of local lightning activity with extra low frequency detector for Schumann Resonance measurements. Science of the Total Environment, 2021, 787, 147671.	3.9	8
25	Reduced Ecological Footprints of Modern Facilities Introducing the Implementation of Advanced Wireless Technologies, and Human Resourcesâ€™ Benefits. Communications and Network, 2018, 10, 11-29.	0.6	8
26	Performance of UWB-Impulse Radio Receiver Based on Matched Filter Implementation with Imperfect Channel Estimation. , 2010, , .		7
27	A Preliminary Receiver Operating Characteristic Analysis on Voice Handicap Index Results of the Greek Voice-Disordered Patients. International Journal of Otolaryngology and Head &amp Neck Surgery, 2018, 07, 98-114.	0.1	7
28	Design and Implementation of Ultra-Wideband Impulse Radio Transmitter. , 2010, , .		6
29	Rainfall Measurements Due to Radio Frequency Signal Attenuation at 2 GHz. Journal of Signal and Information Processing, 2018, 09, 192-201.	0.8	6
30	Active Tuning Antennas for Wireless Communication. AIP Conference Proceedings, 2010, , .	0.3	5
31	The Hellenic Voice Handicap Index of Different Laryngeal Mass Lesions: A Receiver-Operating Characteristic Analysis. Journal of Voice, 2020, 34, 966.e1-966.e10.	0.6	5
32	Design and Implementation of a Test Fixture for ELF Schumann Resonance Magnetic Antenna Receiver and Magnetic Permeability Measurements. Electronics (Switzerland), 2020, 9, 171.	1.8	5
33	Development and Experimental Measurements of a Tunable Antenna. Communications and Network, 2013, 05, 220-224.	0.6	5
34	A Game-Based Smart System Identifying Developmental Speech and Language Disorders in Child Communication: A Protocol Towards Digital Clinical Diagnostic Procedures. Lecture Notes in Networks and Systems, 2022, , 559-568.	0.5	5
35	Design and analysis of a multiple-output transmitter based on DDS architecture for modern wireless communications. , 2010, , .		4
36	Tuning Techniques for Planar Antennas in Wireless Communication. AIP Conference Proceedings, 2010, , .	0.3	4

#	ARTICLE	IF	CITATIONS
37	Comparison of the R-R intervals in ECG and Oximeter signals to be used in complexity measures of Natural Time Analysis. , 2018, , .		4
38	ROC Analysis Cut-off Points of Hellenic Voice Handicap Index for Neurogenic Voice Disorders Patients: an Exploratory Study. Journal of Voice, 2022, 36, 875.e25-875.e33.	0.6	4
39	Fetus Heart Rate Monitoring: A Preliminary Research Study With Remote Sensing. IEEE Consumer Electronics Magazine, 2022, 11, 32-44.	2.3	4
40	Exploring the Speech Language Therapy through Information Communication Technologies, Machine Learning and Neural Networks. , 2021, , .		4
41	New Results for the Error Rate Performance of LoRa Systems over Fading Channels. Sensors, 2022, 22, 3350.	2.1	4
42	Effects of Variations on Geometrical Parameters on a 2.4 GHz Printed Dipole Antenna architecture. , 2010, , .		3
43	The Design of a Mobile System for Voice e-Assessment and Vocal Hygiene e-Training. Advances in Intelligent Systems and Computing, 2018, , 167-174.	0.5	3
44	Simulation of a Feasible Galileo System Operating in L1 and E5 Bands. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 35-43.	0.2	3
45	Satellite Multibeam Signaling for Multimedia Services. , 2007, , .		3
46	Rainfall events' correlation with S-band signal attenuation. , 2018, , .		2
47	Preliminary Receiver Operating Characteristic Analysis on Voice Handicap Index of Laryngeal Inflammation in Greek Patients. International Journal of Otolaryngology and Head &amp Neck Surgery, 2018, 07, 115-131.	0.1	2
48	Can Eye Tracking Identify Prognostic Markers for Learning Disabilities? a Preliminary Study. Lecture Notes in Networks and Systems, 2022, , 1032-1039.	0.5	2
49	Simulation, modeling, and performance analysis of IEEE 802.16e OFDMA Systems for Urban and Rural Environments. , 2008, , .		1
50	Lexical Diversity in Cypriot-Greek-Speaking Toddlers: A Preliminary Longitudinal Study. Folia Phoniatrica Et Logopaedica, 2021, 73, 277-288.	0.5	1
51	A Broadband CPW-Fed Printed Single-Patch Antenna for Galileo Applications. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2011, , 342-350.	0.2	0
52	Information and Communication Technologies in Speech and Language Therapy towards enhancing phonological performance. , 2021, , .		0