

# Jerome Lebrun

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

449  
citations

1478280

6  
h-index

1372474

10  
g-index

35  
all docs

35  
docs citations

35  
times ranked

186  
citing authors

#	ARTICLE	IF	CITATIONS
1	Balanced multiwavelets theory and design. IEEE Transactions on Signal Processing, 1998, 46, 1119-1125.	3.2	180
2	High-order balanced multiwavelets: theory, factorization, and design. IEEE Transactions on Signal Processing, 2001, 49, 1918-1930.	3.2	89
3	Effects of marine noise pollution on Mediterranean fishes and invertebrates: A review. Marine Pollution Bulletin, 2020, 159, 111450.	2.3	54
4	High order balanced multiwavelets. , 0, , .		30
5	GrÃ¼bner bases and wavelet design. Journal of Symbolic Computation, 2004, 37, 227-259.	0.5	27
6	L2-Orthogonal ST-Code Design for CPM. IEEE Transactions on Communications, 2011, 59, 3158-3166.	4.9	11
7	L2 orthogonal space time code for Continuous Phase Modulation. , 2008, , .		8
8	Full Rate L2-Orthogonal Space-Time CPM for Three Antennas. , 2008, , .		7
9	Separable Implementation of L2-Orthogonal STC CPM with Fast Decoding. , 2009, , .		6
10	Wireless Robotics: Generalization of an Efficient Approach with Multi-h CPM Signaling and L2-Orthogonal Space-Time Coding. Wireless Personal Communications, 2013, 70, 1183-1198.	1.8	6
11	An algebraic approach to blind identification of communication channels. , 2003, , .		5
12	Continuous Phase Modulation and Space-Time Coding: A Candidate for Wireless Robotics. Wireless Personal Communications, 2012, 64, 473-487.	1.8	5
13	Zero-Forcing approach for L2-Orthogonal ST-Codes with CPM-OFDM schemes and frequency selective Rayleigh fading channels. , 2014, , .		4
14	Optimized L2-orthogonal STC CPM for 3 antennas. , 2008, , .		3
15	L2-Orthogonal ST-code design for multi-h CPM with fast decoding. , 2013, , .		3
16	Towards an open Web Audio plugin standard. , 2018, , .		3
17	Blind algebraic identification of communication channels: symbolic solution algorithms. Applicable Algebra in Engineering, Communications and Computing, 2006, 17, 471-485.	0.3	1
18	Complex wavelet based modulation analysis. , 2008, , .		1

#	ARTICLE	IF	CITATIONS
19	Semi-Blind Cancellation of IQ-Imbalances. , 2008, , .		1
20	Complex Wavelet Modulation Subbands for Speech Compression. , 2009, , .		1
21	Real-Time Emulation of a Marshall JCM 800 Guitar Tube Amplifier, Audio FX Pedals, in a Virtual Pedal Board. , 2018, , .		1
22	Introducing a Verified Authenticated Key Exchange Protocol over Voice Channels for Secure Voice Communication. , 2020, , .		1
23	Introducing a Novel Data Over Voice Technique for Secure Voice Communication. Wireless Personal Communications, 2022, 124, 3077-3103.	1.8	1
24	A novel distortion-tolerant speech encryption scheme for secure voice communication. Speech Communication, 2022, , .	1.6	1
25	<title>Balancing order and some other discrete-time properties of multiwavelets</title>. , 1999, 3813, 110.		0
26	Low PAPR and spatial diversity for OFDM schemes by using L2-orthogonal CPM ST-codes with fast decoding. , 2014, , .		0
27	Spatial Diversity, Low PAPR and Fast Decoding for OFDM using L2-Orthogonal CPM ST-Codes. IEEE Latin America Transactions, 2015, 13, 3585-3591.	1.2	0
28	Feature Optimization for Gifted Children Diagnosis. , 2020, , .		0
29	Using Faust DSL to Develop Custom, Sample Accurate DSP Code and Audio Plugins for the Web Browser. AES: Journal of the Audio Engineering Society, 2020, 68, 703-716.	0.8	0
30	Interactive Human Interface for ERP Component Extraction from Gifted Children. Intelligent Automation and Soft Computing, 2022, 33, 1063-1080.	1.6	0