

# Steeve Zozor

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1242720/publications.pdf>

Version: 2024-02-01

22  
papers

488  
citations

1163117

8  
h-index

888059

17  
g-index

22  
all docs

22  
docs citations

22  
times ranked

399  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the use of stochastic resonance in sine detection. <i>Signal Processing</i> , 2002, 82, 353-367.	3.7	121
2	Study of Unipolar Electrogram Morphology in a Computer Model of Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2003, 14, S172-S179.	1.7	111
3	Some extensions of the uncertainty principle. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008, 387, 4800-4808.	2.6	67
4	A numerical scheme for modeling wavefront propagation on a monolayer of arbitrary geometry. <i>IEEE Transactions on Biomedical Engineering</i> , 2003, 50, 412-420.	4.2	48
5	Position-momentum uncertainty relations based on moments of arbitrary order. <i>Physical Review A</i> , 2011, 83, .	2.5	35
6	A Parametric Approach to Suboptimal Signal Detection in $\alpha$ -Stable Noise. <i>IEEE Transactions on Signal Processing</i> , 2006, 54, 4497-4509.	5.3	31
7	Some Results on the Denoising Problem in the Elliptically Distributed Context. <i>IEEE Transactions on Signal Processing</i> , 2010, 58, 134-150.	5.3	19
8	Contrasting stochasticity with chaos in a permutation Lempel-Ziv complexity-Shannon entropy plane. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 554, 124640.	2.6	11
9	Does eye tremor provide the hyperacuity phenomenon?. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2009, 2009, P01015.	2.3	9
10	On Generalized Stam Inequalities and Fisher-Rényi Complexity Measures. <i>Entropy</i> , 2017, 19, 493.	2.2	8
11	Generalization of the de Bruijn Identity to General $\phi$ -Entropies and $\phi$ -Fisher Informations. <i>IEEE Transactions on Information Theory</i> , 2018, 64, 6743-6758.	2.4	8
12	Cyclostationarity and stochastic resonance in threshold devices. <i>Physical Review E</i> , 1999, 59, 5009-5020.	2.1	6
13	Online mobile C-arm calibration using inertial sensors: a preliminary study in order to achieve CBCT. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2020, 15, 213-224.	2.8	6
14	On the Maximum Likelihood Estimator Statistics for Unimodal Elliptical Distributions in the High Signal-to-Noise Ratio Regime. <i>IEEE Signal Processing Letters</i> , 2018, 25, 883-887.	3.6	3
15	Rigorous bounds for Rényi entropies of spherically symmetric potentials. <i>AIP Conference Proceedings</i> , 2011, .	0.4	2
16	Random matrix-improved estimation of covariance matrix distances. <i>Journal of Multivariate Analysis</i> , 2019, 174, 104531.	1.0	2
17	Fluctuation and dissipation in memoryless open quantum evolutions. <i>Physical Review A</i> , 2021, 104, .	2.5	1
18	Revisiting the estimation of the mean using order statistics. <i>Signal Processing</i> , 1998, 68, 155-173.	3.7	0

#	ARTICLE	IF	CITATIONS
19	Fluctuation in the retina: noise-enhanced processing via random sampling and microsaccades?. , 2007, , .		0
20	On moments-based Heisenberg inequalities. , 2011, , .		0
21	Generalized divergences from generalized entropies. Physica A: Statistical Mechanics and Its Applications, 2018, 510, 68-76.	2.6	0
22	Ī-Informational Measures: Some Results and Interrelations. Entropy, 2021, 23, 911.	2.2	0