

# Joseph D Hart

## List of Publications by Year in descending order

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15  
papers

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citations

840776

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Machine Learning Link Inference of Noisy Delay-Coupled Networks with Optoelectronic Experimental Tests. <i>Physical Review X</i> , 2021, 11, .	8.9	14
2	Range limitations of optical frequency domain reflectometry with all-grating fiber for distributed strain and temperature sensing. <i>Optics Express</i> , 2021, 29, 44300.	3.4	5
3	Laminar chaos in experiments and nonlinear delayed Langevin equations: A time series analysis toolbox for the detection of laminar chaos. <i>Physical Review E</i> , 2020, 101, 032213.	2.1	6
4	Critical Switching in Globally Attractive Chimeras. <i>Physical Review X</i> , 2020, 10, .	8.9	15
5	Multichannel fiber laser acoustic emission sensor system for crack detection and location in accelerated fatigue testing of aluminum panels. <i>APL Photonics</i> , 2020, 5, .	5.7	22
6	Delayed dynamical systems: networks, chimeras and reservoir computing. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2019, 377, 20180123.	3.4	30
7	Laminar Chaos in Experiments: Nonlinear Systems with Time-Varying Delays and Noise. <i>Physical Review Letters</i> , 2019, 123, 154101.	7.8	18
8	Black phosphorus frequency mixer for infrared optoelectronic signal processing. <i>APL Photonics</i> , 2019, 4, 034502.	5.7	5
9	Revealing Network Symmetries Using Time-Series Data. <i>Understanding Complex Systems</i> , 2019, , 132-140.	0.6	0
10	Topological Control of Synchronization Patterns: Trading Symmetry for Stability. <i>Physical Review Letters</i> , 2019, 122, 058301.	7.8	42
11	Symmetry- and input-cluster synchronization in networks. <i>Physical Review E</i> , 2018, 97, 042217.	2.1	59
12	Recommendations and illustrations for the evaluation of photonic random number generators. <i>APL Photonics</i> , 2017, 2, .	5.7	49
13	Experiments with arbitrary networks in time-multiplexed delay systems. <i>Chaos</i> , 2017, 27, 121103.	2.5	29
14	Experimental observation of chimera and cluster states in a minimal globally coupled network. <i>Chaos</i> , 2016, 26, 094801.	2.5	116
15	Adding connections can hinder network synchronization of time-delayed oscillators. <i>Physical Review E</i> , 2015, 92, 022804.	2.1	23