

# Tao Yu

## List of Publications by Year in descending order

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1163117  
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#	ARTICLE	IF	CITATIONS
1	Stochastic resonance of two coupled fractional harmonic oscillators with fluctuating mass. Communications in Nonlinear Science and Numerical Simulation, 2019, 72, 26-38.	3.3	32
2	The resonance behavior in two coupled harmonic oscillators with fluctuating mass. Nonlinear Dynamics, 2019, 96, 1735-1745.	5.2	19
3	Multichannel sampling expansions in the linear canonical transform domain associated with explicit system functions and finite samples. IET Signal Processing, 2017, 11, 814-824.	1.5	13
4	Collective behaviors in globally coupled harmonic oscillators with fluctuating damping coefficient. Nonlinear Dynamics, 2019, 97, 2231-2248.	5.2	12
5	Stochastic resonance and superharmonic resonance of a noisy confined overdamped bistable system. Communications in Nonlinear Science and Numerical Simulation, 2020, 83, 105133.	3.3	11
6	The resonance behavior in the fractional harmonic oscillator with time delay and fluctuating mass. Physica A: Statistical Mechanics and Its Applications, 2020, 545, 123731.	2.6	10
7	Collective behavior of a nearest neighbor coupled system in a dichotomous fluctuating potential. Communications in Nonlinear Science and Numerical Simulation, 2021, 93, 105499.	3.3	10
8	Estimating instantaneous frequency based on phase derivative and linear canonical transform with optimised computational speed. IET Signal Processing, 2018, 12, 574-580.	1.5	9
9	Trichotomous noise induced resonance behavior of two coupled harmonic oscillators with fluctuating mass. Physica Scripta, 2020, 95, 075214.	2.5	7
10	Stochastic Resonance in Coupled Underdamped Harmonic Oscillators with Fluctuating Frequency Driven by Dichotomous Noise. Journal of Statistical Physics, 2020, 179, 247-262.	1.2	6
11	Exponential frequency correlation function and its application in Doppler shift estimation. IET Radar, Sonar and Navigation, 2019, 13, 1628-1635.	1.8	1
12	A probabilistic interpretation of the Dzherbashyan fractional integral. Fractals, 0, , .	3.7	1
13	Resonance behavior of fractional harmonic oscillator driven by exponentially correlated dichotomous noises. Europhysics Letters, 0, , .	2.0	1
14	Stochastic resonance of fractional-order coupled system excited by trichotomous noise. Wuli Xuebao/Acta Physica Sinica, 2022, 71, 030502.	0.5	0