

# Hsin-Yu Yao

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Tunable Negative Group Delay in a Birefringent Fabry-Pérot-Like Cavity With High Fractional Advancement Induced by Cross-Interference Effect. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 3121-3130.	4.6	13
2	Bright and Ultrafast Photoelectron Emission from Aligned Single-Wall Carbon Nanotubes through Multiphoton Exciton Resonance. Nano Letters, 2019, 19, 158-164.	9.1	13
3	Dielectric Properties of BaTiO <sub>3</sub> -Epoxy Nanocomposites in the Microwave Regime. Polymers, 2021, 13, 1391.	4.5	12
4	EXPERIMENTAL AND THEORETICAL STUDIES OF A BROADBAND SUPERLUMINALITY IN FABRY-PEROT INTERFEROMETER. Progress in Electromagnetics Research, 2012, 122, 1-13.	4.4	10
5	EFFECT OF HIGH-ORDER MODES ON TUNNELING CHARACTERISTICS. Progress in Electromagnetics Research, 2010, 101, 291-306.	4.4	6
6	Nonlinear oscillations of TM-mode gyrotrons. Physics of Plasmas, 2017, 24, .	1.9	5
7	Starting behaviors of the TM-mode gyrotrons. Physics of Plasmas, 2020, 27, .	1.9	5
8	THEORETICAL AND EXPERIMENTAL INVESTIGATION OF FERRITE-LOADED WAVEGUIDE FOR FERRIMAGNETISM CHARACTERIZATION. Progress in Electromagnetics Research C, 2019, 90, 195-208.	0.9	4
9	Mechanism and sensitivity of Fano resonance tuning in high-contrast gratings. Optics Letters, 2021, 46, 721.	3.3	4
10	Characterization of ferrites using a fully loaded waveguide system. Journal of Magnetism and Magnetic Materials, 2020, 505, 166712.	2.3	3
11	Fast, Nondestructive, and Broadband Dielectric Characterization for Polymer Sheets. Polymers, 2020, 12, 1891.	4.5	2
12	Investigation of dielectric spectrums, relaxation processes, and intermolecular interactions of primary alcohols, carboxylic acids, and their binary mixtures. Journal of Molecular Liquids, 2022, 353, 118755.	4.9	2
13	Nonlinear and self-consistent single-mode formulation for TM-mode gyrotrons. Physical Review E, 2021, 104, 065205.	2.1	2
14	A DESIGN OF BROADBAND AND LOW-LOSS MULTILAYER ANTIREFLECTION COATING IN THZ REGION. Progress in Electromagnetics Research C, 2018, 88, 117-131.	0.9	1
15	Time-domain analysis of superluminal effect for one-dimensional Fabry-Pérot cavity. Chinese Journal of Physics, 2020, 67, 657-665.	3.9	0
16	Bright and Ultrafast Photoelectron Emission from Aligned Single-Wall Carbon Nanotubes through Multiphoton Exciton Resonance. , 2019, , .		0
17	Femtosecond-laser ablation of monolayer molybdenum disulfide (MoS <sub>2</sub> ) on sapphire. , 2019, , .		0