

# Nectarios C Papanicolaou

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

146  
citations

1307594

7  
h-index

1199594

12  
g-index

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docs citations

16  
times ranked

133  
citing authors

#	ARTICLE	IF	CITATIONS
1	An investigation of the dynamic beam-steering capability of a liquid-crystal-enabled leaky-wave antenna designed for 5G applications. Applied Physics Letters, 2021, 119, .	3.3	7
2	Effects of Common Approximations in the Modeling of a Liquid-Crystal-Based Patch Antenna: A Numerical Investigation. , 2020, , .		0
3	An efficient and highly accurate spectral method for modeling the propagation of solitary magnetic spin waves in thin films. Computational and Applied Mathematics, 2020, 39, 1.	2.2	1
4	Numerical similarity solution for a variable coefficient $K(m, \hat{A}n)$ equation. Computational and Applied Mathematics, 2018, 37, 1098-1111.	1.3	2
5	Electromagnetic modeling of printed antennas on Nematic Liquid Crystal cells. , 2016, , .		2
6	Frequencyâ€‘ Agile microstrip patch antenna on a biased liquid crystal substrate. Electronics Letters, 2015, 51, 202-204.	1.0	16
7	Modeling of nematic liquid crystal cells subject to an externally applied field. Optik, 2015, 126, 5269-5275.	2.9	3
8	A nematic liquid crystal tunable patch antenna. , 2014, , .		8
9	Tunable Patch Antenna Printed on a Biased Nematic Liquid Crystal Cell. IEEE Transactions on Antennas and Propagation, 2014, 62, 4980-4987.	5.1	48
10	Kawahara solitons in Boussinesq equations using a robust Christovâ€‘ Galerkin spectral method. Applied Mathematics and Computation, 2014, 243, 245-257.	2.2	10
11	Numerical solutions of boundary value problems for variable coefficient generalized KdV equations using Lie symmetries. Communications in Nonlinear Science and Numerical Simulation, 2014, 19, 3074-3085.	3.3	26
12	Modal analysis and solution of electromagnetic wave propagation in cholesteric liquid crystal cells. , 2012, , .		0
13	Modeling the reflection from cholesteric liquid crystals using modal analysis and mode matching. Physical Review E, 2012, 85, 031702.	2.1	7
14	A Mode-Matching Approach to Electromagnetic Wave Propagation in Nematic Liquid Crystals. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 2950-2958.	4.6	10
15	Soft Polarization Diffraction Coefficient for a Conducting Cylinder-Tipped Wedge. IEEE Transactions on Antennas and Propagation, 2010, 58, 4082-4085.	5.1	2
16	Galerkin technique based on beam functions in application to the parametric instability of thermal convection in a vertical slot. International Journal for Numerical Methods in Fluids, 2009, 59, 945-967.	1.6	4