

# SÃ©bastien Euphrasie

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

236  
citations

1040056

9  
h-index

996975

15  
g-index

21  
all docs

21  
docs citations

21  
times ranked

314  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anisotropic thermal conductivity of nanocolumnar W thin films. Physics Letters, Section A: General, Atomic and Solid State Physics, 2022, 426, 127878.	2.1	1
2	Experimental evidence of high spatial confinement of elastic energy in a phononic cantilever. Applied Physics Letters, 2021, 119, 203501.	3.3	0
3	Optimal isotropic, reusable truss lattice material with near-zero Poisson's ratio. Extreme Mechanics Letters, 2020, 41, 101048.	4.1	30
4	Influence of Thickness and Sputtering Pressure on Electrical Resistivity and Elastic Wave Propagation in Oriented Columnar Tungsten Thin Films. Nanomaterials, 2020, 10, 81.	4.1	19
5	Calibration Tools for Scanning Thermal Microscopy Probes Used in Temperature Measurement Mode. Journal of Heat Transfer, 2019, 141, .	2.1	4
6	Calibration of thermocouple-based scanning thermal microscope in active mode (2% method). Review of Scientific Instruments, 2019, 90, 114901.	1.3	6
7	Electrical resistivity and elastic wave propagation anisotropy in glancing angle deposited tungsten and gold thin films. Applied Surface Science, 2019, 475, 606-614.	6.1	20
8	Microfabricated high temperature sensing platform dedicated to scanning thermal microscopy (SThM). Sensors and Actuators A: Physical, 2018, 275, 109-118.	4.1	12
9	Evidence of a broadband gap in a phononic crystal strip. Ultrasonics, 2017, 78, 51-56.	3.9	16
10	Anisotropic propagation imaging of elastic waves in oriented columnar thin films. Journal Physics D: Applied Physics, 2017, 50, 484005.	2.8	8
11	Evidence of a large elastic band gap in a one-dimensional phononic crystal. , 2016, , .		0
12	Ultra-wide acoustic band gaps in pillar-based phononic crystal strips. Journal of Applied Physics, 2015, 118, .	2.5	49
13	Room temperature Si/Ti thermopile THz sensor. Microsystem Technologies, 2015, 21, 1627-1631.	2.0	3
14	Room temperature thermopile THz sensor. Sensors and Actuators A: Physical, 2013, 193, 155-160.	4.1	14
15	Electro-optic sensor for specific absorption rate measurements. Applied Physics Letters, 2013, 102, .	3.3	5
16	Thermoelastic investigation of a quartz tuning fork used in infrared spectroscopy. Applied Physics Letters, 2013, 103, .	3.3	7
17	MEMS in-plane motion/vibration measurement system based CCD camera. Measurement: Journal of the International Measurement Confederation, 2011, 44, 2205-2216.	5.0	27
18	Investigations of room temperature bolometers for THz applications. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
19	DESIGN OF METALLIC MESH ABSORBERS FOR HIGH BANDWIDTH ELECTROMAGNETIC WAVES. Progress in Electromagnetics Research C, 2009, 8, 135-147.	0.9	11
20	Theoretical and experimental studies of metallic grids absorption: Application to the design of a bolometer. Procedia Chemistry, 2009, 1, 1135-1138.	0.7	3
21	Piezoelectric and optical setup to measure an electrical field: Application to the longitudinal near-field generated by a tapered coax. Review of Scientific Instruments, 2008, 79, 034704.	1.3	0