

Harvey Rutt

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Physically Based Object Contour Edge Display Using Adjustable Linear Polarization Ratio for Passive Millimeter-Wave Security Imaging. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 3177-3191.	6.3	16
2	Second-order nonlinear optical microscopy of spider silk. Applied Physics B: Lasers and Optics, 2017, 123, 1.	2.2	15
3	Single Electron Memory Effect Using Random Telegraph Signals at Room Temperature. Frontiers in Physics, 2019, 7, .	2.1	7
4	Manipulation of random telegraph signals in a silicon nanowire transistor with a triple gate. Nanotechnology, 2018, 29, 475201.	2.6	6
5	Observation of spider silk by femtosecond pulse laser second harmonic generation microscopy. Surface and Interface Analysis, 2019, 51, 56-60.	1.8	5
6	Sum frequency generation study of immobilized 3-aminopropyltriethoxysilane self-assembled layer on Si(111) substrates. Surface and Interface Analysis, 2019, 51, 120-125.	1.8	5
7	Nanofabrication with the Helium Ion Microscope. Materials Research Society Symposia Proceedings, 2012, 1412, 43.	0.1	4
8	Optical second harmonic generation from V-shaped chromium nanohole arrays. Japanese Journal of Applied Physics, 2014, 53, 02BC11.	1.5	3
9	Hydrogen desorption kinetics from H ₂ Si (111) surfaces studied by optical sum frequency generation and second harmonic generation. Surface and Interface Analysis, 2016, 48, 1235-1239.	1.8	3
10	Electric Field Effect on Optical Second-harmonic Generation of Amphoteric Megamolecule Aggregates. Journal of the Physical Society of Japan, 2017, 86, 124401.	1.6	3
11	Random telegraph signals caused by a single dopant in a metal-oxide-semiconductor field effect transistor at low temperature. AIP Advances, 2020, 10, 055025.	1.3	3
12	Optical second harmonic generation of V-shaped chromium nanoholes dependence on the structure parameters of the nanoholes. Surface and Interface Analysis, 2014, 46, 1240-1244.	1.8	2
13	Probing hole spin transport of disorder quantum dots via Pauli spin-blockade in standard silicon transistors. Nanotechnology, 2021, 32, 260001.	2.6	2
14	Optical second harmonic generation analysis of the atomically stepped Au/TiO ₂ (320) interface. AIP Advances, 2017, 7, 125011.	1.3	1
15	Desorption of Hydrogen from the Steps on the Miscut Si(111) Surface Studied by SFG Spectroscopy. E-Journal of Surface Science and Nanotechnology, 2020, 18, 180-184.	0.4	1
16	Quantum Dipole Effects in a Silicon Transistor under High Electric Fields. Journal of the Physical Society of Japan, 2018, 87, 094801.	1.6	0
17	Sum frequency generation spectroscopy of the attachment disc of a spider. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 263, 120161.	3.9	0
18	Silicon single-electron random number generator based on random telegraph signals at room temperature. AIP Advances, 2020, 10, 115101.	1.3	0