

Billi Jean-Loui Minasyan

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Ֆիզիկատեխնիկական հետազոտությունների կենտրոն
Junior Researcher

Education

Institution Yerevan State University

Faculty Radiophysics

Date 2019 - 2022

Degree name PhD student

Institution Yerevan State University

Faculty Radiophysics

Date 2017 - 2019

Degree name Masters

Institution Yerevan State University

Faculty Radiophysics

Date 2013 - 2017

Degree name Bachelor

Scientific Rank/degree

Institution Yerevan State University

Date 2022

Degree name Candidate

Specialty Physico-mathematical sciences

Scientific Supervisor Arsen Babajanyan

Research Topic Visualization of wave fields in nanostructures using a thermoelastic indicator microscope

Language skills

Հայերեն Russian English

Work experience

Institution Yerevan State University

Period of time 2020 till now

Rank/degree Chair of Applied Electrodynamics and Modeling, Assistant

Publications

Article

Dielectric coated conductive rod resonantly coupled with a cut transmission line as a tunable microwave bandstop filter and sensor

David Hambaryan, Tigran Abrahamyan, Henrik Parsamyan, Artyom Movsisyan, Bill Minasyan,

Hovhannes Haroyan, Arsen Babajanyan, Kiejin Lee, Barry Friedman, Khachatur Nerkararyan

Heliyon 2024 e24477

Article

Reflective multi-layer metasurface based on half-wave plate structure for polarization control in the visible-near-infrared region

Artyom Movsisyan, Hasmik Manukyan, Billi Minasyan, Arsen Babajanyan

Physica Scripta 2024 095545

Article

Characterization of Metal Nanoparticles Aqueous Solution by a Thermoelastic Optical Indicator Microscope

G. Ohanyan, N. Margaryan, M. Manvelyan, L. Odabashyan, B. Minasyan, A. Movsisyan, R. Khachatryan,

A. Babajanyan

Journal of Contemporary Physics (Armenian Academy of Sciences) 2022 187-191

Article

Microwave response phase control of a graphite microstrip

Arsen Babajanyan, Tigran Abrahamyan, Hovhannes Haroyan, Billi Minasyan, Torgom Yezekyan,

Kiejin Lee, Barry Friedman, Khachatur Nerkararyan

Carbon 2022 151-156

Article

Noninvasive in Vivo Evaluation of Mouse-Blood Glycemia with a Microwave Spiral Sensor

A. Babajanyan, B. Minasyan, L. Odabashyan, S. Kim, J. Kim, J.-H. Lee, B. Friedman, K. Lee

Journal of Contemporary Physics (Armenian Academy of Sciences) 2021 47-54

Article

Performance of Pentacene Based Organic Thin Film Transistor with an Octadecyltrichlorosilane Self-Assembled Monolayer Interface

A. Babajanyan, B. Minasyan, A. Movsisyan, B. Friedman, K. Lee

Journal of Contemporary Physics (Armenian Academy of Sciences) 2021 208-213

Article

PROBING OF A MIXED AQUEOUS SODIUM CHLORIDE AND GLUCOSE SOLUTION WITH THE USE OF A THERMOELASTIC OPTICAL INDICATOR MICROSCOPE

B. J. MINASYAN

Proceedings of the YSU. Physical and Mathematical Sciences 2021 174-181