



Sarah Jawad Shoja Alsadi

سارة جواد شوجه السعدي

Lecturer

PROFILE

PhD laser physics

ACADEMIC TITLES

2022-03-15 Lecturer

PUBLICATIONS (3 0)

- Complex-Order -Bi-Bazilevič-Type Bi-Univalent Functions Associated with a -Poisson Convolution Operator and Leaf-Like Domains**
International Journal of Analysis and Applications 24, 300-300, 2026 | 2026
- A certain algebraic structure of bipolar neutrosophic environment**
2026
- Matrix Theory for Complex Q-Fuzzy Sets and Their Applications in Administrative Decision-Making Problems**
Pan-American Journal of Mathematics 5, 13, 2026 | 2026
- A certain algebraic structure of bipolar neutrosophic subgroups**
Statistics, Optimization & Information Computing 16 (1), 403-427, 2026 | 2026 | Cited: 2
- Wavelength-Dependent Laser-Tissue Interaction and Histopathological Response in a Rat Model: An Integrated In Vivo Experimental Framework**
European Journal of Science and Modern Technologies 2 (5), 1-16, 2026 | 2026
- AUIQ Award for Iraqi Researchers: A Strategic Framework to Foster Research Excellence and Academic Competitiveness Across Iraqi Institutions**
Ssrn | 2025
- A robust approach to possibility single-valued neutrosophic Dombi-weighted aggregation operators for multiple attribute decision-making**
Neutrosophic Sets and Systems 86 (1), 30, 2025 | 2025 | Cited: 2
- Effective Role of Two Layers of Silica in the Performance of Fe₃O₄@xSiO₂@ySiO₂@BisPyP-Ni Core-Shell Catalyst for C-C and C-S Coupling Reactions**
Silicon 16 (9), 3795-3809, 2024 | 2024 | Cited: 6
- Controllable optical effects in Landau-quantized graphene**
Physica B: Condensed Matter 691, 416336, 2024 | 2024 | Cited: 6
- Realizing light-induced torque in Landau-quantized graphene**
Physica B: Condensed Matter 689, 416200, 2024 | 2024 | Cited: 2
- Preparation of Polyhydroacridines and Polyhydroquinolines Using BPHSBF as a Novel Organic-Inorganic Hybrid Magnetic Nanocatalyst**
Journal of Inorganic and Organometallic Polymers and Materials 34 (3), 1136-1149, 2024 | 2024 | Cited: 4
- Structural Creep Sensitivity of ARB-Processed Al/SiC/Cu Bimetallic Composite Strip**
Powder Metallurgy and Metal Ceramics 63 (1), 95-106, 2024 | 2024 | Cited: 1
- Orbital angular momentum sensing of composite vortex light in a single-layer graphene system**
Laser Physics Letters 21 (4), 045206, 2024 | 2024 | Cited: 1
- The possible role of altered oropharyngeal microbiota in differentiating true psychosis from malingered psychosis in a forensic psychiatric setting**
Medical Hypotheses, 111284, 2024 | 2024

CONTACT

Phone: 07733795417
Email: sarah.shoja@alayen.edu.iq
sarah.shoja@alayen.edu.iq

EDUCATION

دكتوراه (11-08-2021)
PhD laser physics
University of Baghdad

RESEARCH METRICS

h-index (Scopus)	7
h-index (GS)	9
Citations (Scopus)	166
Citations (GS)	211
Documents (Scopus)	28
Documents (GS)	30



15. **Design and theoretical study of new configuration of photovoltaic/thermal (PVT) solar collector**
AIP Advances 14 (2), 2024 | 2024 | Cited: 2
16. **Biosensors for detection contaminations in coffee samples: Recent progress and challenges**
Microchemical Journal, 110472, 2024 | 2024 | Cited: 10
17. **Optimal day-ahead energy scheduling of the smart distribution electrical grid considering hybrid demand management**
Smart Grids and Sustainable Energy 9 (2), 31, 2024 | 2024 | Cited: 15
18. **An investigation of relationships between body compassion, social physique anxiety and physical appearance perfectionism in young people from Iran**
Journal of Eating Disorders 11 (1), 90, 2023 | 2023 | Cited: 23
19. **Optical Properties of Ferroelectric Thin Film Prepared by PLD**
Int. J. Thin. Film. Sci. Tec 12 (2), 121-125, 2023 | 2023 | Cited: 1
20. **Influence of heat-treatment temperature on structural and electrical properties for BaSrTiO₃ compounds.**
Journal of Ovonic Research 19 (4), 2023 | 2023 | Cited: 1
21. **Advanced numerical analysis of convective rarefied flows in microchannels: Studying the impact of multiple obstacle arrangements through LBM modeling**
Modern Physics Letters B 37 (27), 2350099, 2023 | 2023 | Cited: 4
22. **A Systematic Review of the Chemo/Radioprotective Effects of Melatonin against Ototoxic Adverse Effects Induced by Chemotherapy and Radiotherapy**
Current Pharmaceutical Design 29 (15), 1218-1229, 2023 | 2023 | Cited: 4
23. **All-optical control of optical bistability in a hybrid system**
Laser Physics Letters 20 (6), 066001, 2023 | 2023 | Cited: 3
24. **Effect of Sr²⁺ Substitution on the Structural and Optical Properties of Ba_{1-x}Sr_xTiO₃ Gatea, Shoja, and Albazoni**
Jom 75 (11), 4470-4478, 2023 | 2023 | Cited: 11
25. **Post-quantum Techniques in Wireless Network Security: An Overview**
Malaysian Journal of Fundamental and Applied Sciences 19 (3), 337-344, 2023 | 2023 | Cited: 10
26. **Physicochemical and heavy metal properties of soil samples in waste disposal site, Suq Al-Shyokh, Iraq**
2022 International Symposium on Multidisciplinary Studies and Innovative ... , 2022 | 2022 | Cited: 16
27. **Copper (II) complex supported on the surface of magnetic nanoparticles modified with S-benzylisothiurea (Fe₃O₄@SiO₂-SMTU-Cu): A new and efficient ...**
Synthetic Communications 52 (6), 875-887, 2022 | 2022 | Cited: 25
28. **Effect of spatial heterogeneity on level of rejuvenation in Ni₈₀P₂₀ metallic glass**
Chinese Physics B 31 (9), 096401, 2022 | 2022 | Cited: 2
29. **Molecular junctions: introduction and physical foundations, nanoelectrical conductivity and electronic structure and charge transfer in organic molecular junctions**
Brazilian Journal of Physics 52 (2), 31, 2022 | 2022 | Cited: 50
30. **Study effect of different solvent polarity on the absorption and the fluorescence spectrum of phenolphthalein laser dye**
Acad. Res. Int 7, 17-21, 2016 | 2016 | Cited: 10