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Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of structural, optical, surface, electrochemical and corrosion properties of ZnO and AZO nanorod arrays for dye absorption applications**
Gultepe O., Atay F.
Optical Materials, vol.154, 2024 (SCI-Expanded)
- II. **An effective approach for hydrothermal synthesis of ZnO nanorod arrays activated under UV/Vis light: Different supporting ligands for hydrothermal precursor solutions**
Gultepe O., Atay F., Dikmen Z.
MATERIALS CHEMISTRY AND PHYSICS, vol.307, 2023 (SCI-Expanded)
- III. **Hydrothermal synthesis of ZnO nanostructures for environmental applications: the role of different supporting ligands**
Gultepe O., Atay F., Dikmen Z.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.129, no.8, 2023 (SCI-Expanded)
- IV. **Al and B co-doped ZnO samples as an alternative to ITO for transparent electronics applications**
Gultepe O., Atay F.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.33, no.18, pp.15039-15053, 2022 (SCI-Expanded)
- V. **Structural, optical and surface properties of sol-gel-derived boron-doped ZnO films for photocatalytic applications**
Atay F., Gultepe O.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.128, no.2, 2022 (SCI-Expanded)
- VI. **The effect of Al element on structural, optical, electrical, surface and photocatalytic properties of Sol-gel derived ZnO films**
Gultepe O., Atay F.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.128, no.1, 2022 (SCI-Expanded)
- VII. **The effect of spinning cycle on structural, optical, surface and photocatalytic properties of sol-gel derived ZnO films**
Atay F., Gultepe O.
JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.100, no.2, pp.299-309, 2021 (SCI-Expanded)

Scientific Refereeing

CERAMICS INTERNATIONAL, SCI Journal, September 2024

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