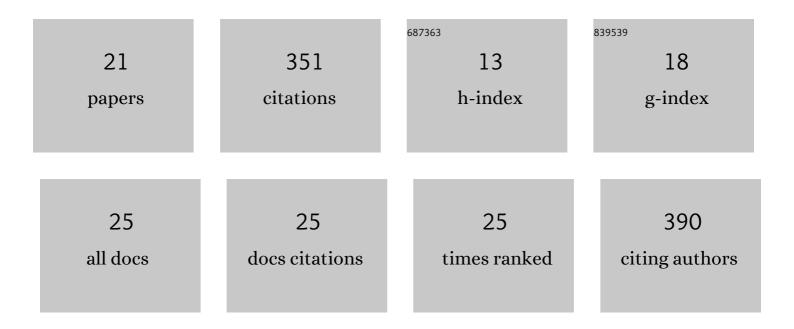
Farabi Bozheyev

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Highly (001)-textured p-type WSe2 Thin Films as Efficient Large-Area Photocathodes for Solar Hydrogen Evolution. Scientific Reports, 2017, 7, 16003. | 3.3 | 39 |
| 2 | Efficient charge transfer at a homogeneously distributed (NH ₄) ₂ Mo ₃ S ₁₃ /WSe ₂ heterojunction for solar hydrogen evolution. Journal of Materials Chemistry A, 2019, 7, 10769-10780. | 10.3 | 35 |
| 3 | Pulsed cathodoluminescence and Raman spectra of MoS 2 nanocrystals at different excitation electron energy densities and laser wavelengths. Journal of Luminescence, 2017, 188, 529-532. | 3.1 | 28 |
| 4 | Synthesis and characterization of nanolamellar tungsten and molybdenum disulfides. Materials Letters, 2011, 65, 2381-2383. | 2.6 | 23 |
| 5 | Preparation of highly (001)-oriented photoactive tungsten diselenide (WSe ₂) films by an amorphous solid-liquid-crystalline solid (aSLcS) rapid-crystallization process. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 2013-2019. | 1.8 | 22 |
| 6 | Band gap optimization of tin tungstate thin films for solar water oxidation. International Journal of Hydrogen Energy, 2020, 45, 8676-8685. | 7.1 | 22 |
| 7 | Passivation of recombination active PdSex centers in (001)-textured photoactive WSe2 films. Materials Science in Semiconductor Processing, 2019, 93, 284-289. | 4.0 | 20 |
| 8 | Pulsed cathodoluminescence and Raman spectra of MoS2 and WS2 nanocrystals and their combination MoS2/WS2 produced by self-propagating high-temperature synthesis. Applied Physics Letters, 2016, 108, . | 3.3 | 16 |
| 9 | MoS 2 nanopowder as anode material for lithium-ion batteries produced by self-propagating high-temperature synthesis. Materials Today: Proceedings, 2017, 4, 4567-4571. | 1.8 | 16 |
| 10 | Thin film transition metal dichalcogenide photoelectrodes for solar hydrogen evolution: a review. Journal of Materials Chemistry A, 2022, 10, 9327-9347. | 10.3 | 16 |
| 11 | Pulsed cathodoluminescence of WS2 nanocrystals at various electron excitation energy densities: Defect induced sub-band gap emission. Journal of Luminescence, 2017, 192, 1308-1312. | 3.1 | 15 |
| 12 | Electrical conductivity enhancement of transparent silver nanowire films on temperature-sensitive flexible substrates using intense pulsed ion beam. Nanotechnology, 2021, 32, 145706. | 2.6 | 15 |
| 13 | Evaluation of Pt, Rh, SnO2, (NH4)2Mo3S13, BaSO4 protection coatings on WSe2 photocathodes for solar hydrogen evolution. International Journal of Hydrogen Energy, 2020, 45, 19112-19120. | 7.1 | 14 |
| 14 | Effect of Mo-doping in SnO2 thin film photoanodes for water oxidation. International Journal of Hydrogen Energy, 2020, 45, 33448-33456. | 7.1 | 14 |
| 15 | Magnetron sputtered copper bismuth oxide photocathodes for solar water reduction. Journal Physics D: Applied Physics, 2020, 53, 495501. | 2.8 | 14 |
| 16 | Properties of Copper and Molybdenum Sulfide Powders Produced by Self-Propagating High-Temperature Synthesis. Advanced Materials Research, 0, 872, 191-196. | 0.3 | 12 |
| 17 | Photoluminescence quenching of WS2 nanoflakes upon Ga ion irradiation. Journal of Luminescence, 2020, 217, 116786. | 3.1 | 9 |
| 18 | Modification of Silver Nanowire Coatings with Intense Pulsed Ion Beam for Transparent Heaters. Nanomaterials, 2020, 10, 2153. | 4.1 | 7 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Transition metal dichalcogenide thin films for solar hydrogen production. Current Opinion in Electrochemistry, 2022, 34, 100995. | 4.8 | 6 |
| 20 | Atomic layer deposition for TiO2 and TiN nanometer films. Materials Today: Proceedings, 2017, 4, 11630-11639. | 1.8 | 4 |
| 21 | Transient Surface Photovoltage Spectroscopy of (NH ₄) ₂ Mo ₃ S ₁₃ /WSe ₂ Thin-Film Photocathodes for Photoelectrochemical Hydrogen Evolution. ACS Applied Materials & amp; Interfaces, 2022, 14, 22071-22081. | 8.0 | 3 |