Farabi Bozheyev

List of Publications by Year
in descending order

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21	351	687363 13	839539 18
papers	citations	h-index	g-index

25	25	25	390
all docs	docs citations	times ranked	citing authors

#	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 (NH₄)₂Mo₃S₁₃/WSe₂ 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 (WSe₂) 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 (NH₄)₂Mo₃S₁₃/WSe₂ Thin-Film Photocathodes for Photoelectrochemical Hydrogen Evolution. ACS Applied Materials & Interfaces, 2022, 14, 22071-22081.	8.0	3