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	Thin film transition metal dichalcogenide photoelectrodes for solar hydrogen evolution: a review. Journal of Materials Chemistry A, 2022, 10, 9327-9347.	10.3	16
2	Transition metal dichalcogenide thin films for solar hydrogen production. Current Opinion in Electrochemistry, 2022, 34, 100995.	4.8	6
3	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
4	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
5	Photoluminescence quenching of WS2 nanoflakes upon Ga ion irradiation. Journal of Luminescence, 2020, 217, 116786.	3.1	9
6	Modification of Silver Nanowire Coatings with Intense Pulsed Ion Beam for Transparent Heaters. Nanomaterials, 2020, 10, 2153.	4.1	7
7	Band gap optimization of tin tungstate thin films for solar water oxidation. International Journal of Hydrogen Energy, 2020, 45, 8676-8685.	7.1	22
8	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
9	Effect of Mo-doping in SnO2 thin film photoanodes for water oxidation. International Journal of Hydrogen Energy, 2020, 45, 33448-33456.	7.1	14
10	Magnetron sputtered copper bismuth oxide photocathodes for solar water reduction. Journal Physics D: Applied Physics, 2020, 53, 495501.	2.8	14
11	Passivation of recombination active PdSex centers in (001)-textured photoactive WSe2 films. Materials Science in Semiconductor Processing, 2019, 93, 284-289.	4.0	20
12	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
13	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
14	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
15	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
16	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
17	Atomic layer deposition for TiO2 and TiN nanometer films. Materials Today: Proceedings, 2017, 4, 11630-11639.	1.8	4
18	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

#	Article	IF	Citations
19	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
20	Synthesis and characterization of nanolamellar tungsten and molybdenum disulfides. Materials Letters, 2011, 65, 2381-2383.	2.6	23
21	Properties of Copper and Molybdenum Sulfide Powders Produced by Self-Propagating High-Temperature Synthesis. Advanced Materials Research, 0, 872, 191-196.	0.3	12