Twins in Cd1â^'xZnxS solid solution: Highly efficient ph generation from water

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Citation Report

#	Article	IF	Citations
1	Novel (Na, K)TaO3 single crystal nanocubes: Molten salt synthesis, invariable energy level doping and excellent photocatalytic performance. Energy and Environmental Science, 2011, 4, 4052.	15.6	55
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292	Dual-functional marigold-like Zn Cd1S homojunction for selective glucose photoreforming with remarkable H2 coproduction. Journal of Energy Chemistry, 2023, 79, 158-167.	7.1	15
293	Coherent-Twinning-Enhanced Solar Water Splitting in Thin-Film Cu₂ZnSnS₄ Photocathodes. ACS Energy Letters, 2023, 8, 494-501.	8.8	9
294	Bi-doped twin crystal Zn0.5Cd0.5S photocatalyst for highly efficient photocatalytic hydrogen production from water. Applied Surface Science, 2023, 616, 156393.	3.1	11
295	ZnS/Cd1-xZnxS composite photocatalyst synthesized with excessive strong alkali solution as a hydrothermal solvent: The chemical equilibrium theory of the synthesis process and its influence on photocatalytic performance. International Journal of Hydrogen Energy, 2023, 48, 10507-10520.	3.8	2
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297	State-of-the-art hydrogen generation techniques and storage methods: A critical review. Journal of Energy Storage, 2023, 64, 107196.	3.9	61
298	Flexible amorphous (Fe0.5Co0.5)70B21Ta4Ti5 high-entropy alloy catalyst showing high activity and stability in degrading Eosin Y. Applied Surface Science, 2023, 616, 156567.	3.1	1
299	Surface Unsaturated Sulfur Modulates Pt Subâ€Nanoparticles on Tandem Homojunction CdS for Efficient Electron Extraction. Advanced Energy Materials, 2023, 13, .	10.2	10
300	S-scheme heterojunction of ZnCdS nanospheres and dibenzothiophene modified graphite carbon nitride for enhanced H2 production. Chinese Journal of Catalysis, 2023, 46, 167-176.	6.9	40
301	CdxZn1-xS with bulk-twinned homojunctions and rich sulfur vacancies for efficient photocatalytic hydrogen production. International Journal of Hydrogen Energy, 2024, 52, 103-114.	3.8	4
303	Photocatalytic Seawater Splitting. , 2023, , 99-164.		0
304	Hierarchical zeolites containing embedded Cd_{0.2}Zn_{0.8}S as a photocatalyst for hydrogen production from seawater. Chemical Communications, 2023, 59, 7275-7278.	2.2	0
320	S-vacancy-assisted fast charge transport and oriented ReS₂ growth in twin crystal Zn_xCd_{1â^'x}S: an atomic-level heterostructure for dual-functional photocatalytic conversion. Materials Horizons, 2024, 11, 768-780.	6.4	0