

Steering charge kinetics in photocatalysis: intersection of experimental characterization techniques and theoretical simulations

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Citation Report

#	ARTICLE	IF	CITATIONS
3	Boosting Photocatalytic Water Splitting: Interfacial Charge Polarization in Atomically Controlled Core@Shell Cocatalysts. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14810-14814.	7.2	131
4	Daylight-driven photocatalytic degradation of ionic dyes with negatively surface-charged In ₂ S ₃ nanoflowers: dye charge-dependent roles of reactive species. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	9
5	Facile synthesis of CdS nanorods with enhanced photocatalytic activity. <i>Ceramics International</i> , 2015, 41, 14604-14609.	2.3	31
6	Recent advances in the development of sunlight-driven hollow structure photocatalysts and their applications. <i>Journal of Materials Chemistry A</i> , 2015, 3, 18345-18359.	5.2	200
7	Some recent developments in surface and interface design for photocatalytic and electrocatalytic hybrid structures. <i>Chemical Communications</i> , 2015, 51, 10261-10271.	2.2	96
8	Towards full-spectrum photocatalysis: Achieving a Z-scheme between Ag ₂ S and TiO ₂ by engineering energy band alignment with interfacial Ag. <i>Nano Research</i> , 2015, 8, 3621-3629.	5.8	65
9	A novel visible light-driven silver isocyanate photocatalyst: superior stability enhanced by intrinsic resonance effect. <i>RSC Advances</i> , 2015, 5, 96265-96271.	1.7	5
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11	A three-dimensional interconnected hierarchical FeOOH/TiO ₂ /ZnO nanostructural photoanode for enhancing the performance of photoelectrochemical water oxidation. <i>Nanoscale</i> , 2015, 7, 19178-19183.	2.8	50
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14	Near-Infrared Plasmonic-Enhanced Solar Energy Harvest for Highly Efficient Photocatalytic Reactions. <i>Nano Letters</i> , 2015, 15, 6295-6301.	4.5	246
15	Designed Synthesis of In ₂ O ₃ Beads@TiO ₂ @In ₂ O ₃ Composite Nanofibers for High Performance NO ₂ Sensor at Room Temperature. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 27152-27159.	4.0	87
16	Tailored synthesis of macroporous Pt/WO ₃ photocatalyst with nanoaggregates via flame assisted spray pyrolysis. <i>AIChE Journal</i> , 2016, 62, 3864-3873.	1.8	28
17	Oxyhydroxide Nanosheets with Highly Efficient Electron-Hole Pair Separation for Hydrogen Evolution. <i>Angewandte Chemie</i> , 2016, 128, 2177-2181.	1.6	26
18	Integration of Multiple Plasmonic and Co-Catalyst Nanostructures on TiO ₂ Nanosheets for Visible-Near-Infrared Photocatalytic Hydrogen Evolution. <i>Small</i> , 2016, 12, 1640-1648.	5.2	136
19	Silver nanoparticles-sensitized cobalt complex for highly-efficient photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2016, 199, 342-349.	10.8	19
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22	Oxyhydroxide Nanosheets with Highly Efficient Electronâ€Hole Pair Separation for Hydrogen Evolution. Angewandte Chemie - International Edition, 2016, 55, 2137-2141.	7.2	99
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