

Kwanghyun Kim

List of Publications by Year in descending order

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9
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804
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesoporous Three-Dimensional Graphene Networks for Highly Efficient Solar Desalination under 1 sun Illumination. ACS Applied Materials & Interfaces, 2018, 10, 15602-15608.	8.0	117
2	Optimization for visible light photocatalytic water splitting: gold-coated and surface-textured TiO ₂ inverse opal nano-networks. Nanoscale, 2013, 5, 6254.	5.6	65
3	Hematite-Based Photoelectrochemical Water Splitting Supported by Inverse Opal Structures of Graphene. ACS Applied Materials & Interfaces, 2014, 6, 22634-22639.	8.0	61
4	Î±-Fe ₂ O ₃ on patterned fluorine doped tin oxide for efficient photoelectrochemical water splitting. Journal of Materials Chemistry A, 2015, 3, 7706-7709.	10.3	41
5	Towards Visible Light Hydrogen Generation: Quantum Dot-Sensitization via Efficient Light Harvesting of Hybrid-TiO ₂ . Scientific Reports, 2013, 3, 3330.	3.3	39
6	Efficient photoelectrochemical water splitting of nanostructured hematite on a three-dimensional nanoporous metal electrode. Journal of Materials Chemistry A, 2014, 2, 17249-17252.	10.3	23
7	Optimization of Quantum Dot-Sensitized Photoelectrode for Realization of Visible Light Hydrogen Generation. Small, 2014, 10, 2325-2330.	10.0	17
8	Highly transparent poly(glycidyl methacrylate-co-acryloisobutyl POSS) for 100 nm-thick submicron patterns with an aspect ratio over 100. Chemical Communications, 2017, 53, 8172-8175.	4.1	6
9	Photoelectronics: Optimization of Quantum Dot-Sensitized Photoelectrode for Realization of Visible Light Hydrogen Generation (Small 12/2014). Small, 2014, 10, 2504-2504.	10.0	1