

James H Nelson

List of Publications by Year in descending order

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10
papers

1,501
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

2625
citing authors

#	ARTICLE	IF	CITATIONS
1	Seeded Growth of Highly Luminescent CdSe/CdS Nanoheterostructures with Rod and Tetrapod Morphologies. <i>Nano Letters</i> , 2007, 7, 2951-2959.	9.1	717
2	Photodeposition of Pt on Colloidal CdS and CdSe/CdS Semiconductor Nanostructures. <i>Advanced Materials</i> , 2008, 20, 4306-4311.	21.0	188
3	Biomass enables the transition to a carbon-negative power system across western North America. <i>Nature Climate Change</i> , 2015, 5, 230-234.	18.8	140
4	Power system balancing for deep decarbonization of the electricity sector. <i>Applied Energy</i> , 2016, 162, 1001-1009.	10.1	117
5	SWITCH-China: A Systems Approach to Decarbonizing China's Power System. <i>Environmental Science & Technology</i> , 2016, 50, 5467-5473.	10.0	115
6	Deep carbon reductions in California require electrification and integration across economic sectors. <i>Environmental Research Letters</i> , 2013, 8, 014038.	5.2	77
7	Fabrication and spectroscopic studies on highly luminescent CdSe/CdS nanorod polymer composites. <i>Beilstein Journal of Nanotechnology</i> , 2010, 1, 94-100.	2.8	61
8	SunShot Solar Power Reduces Costs and Uncertainty in Future Low-Carbon Electricity Systems. <i>Environmental Science & Technology</i> , 2013, 47, 9053-9060.	10.0	56
9	Comparison of low-carbon pathways for California. <i>Climatic Change</i> , 2015, 131, 545-557.	3.6	26
10	Reply to 'Emissions accounting for biomass energy with CCS'. <i>Nature Climate Change</i> , 2015, 5, 496-496.	18.8	1