

Eileen Armstrong

List of Publications by Year in descending order

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11
papers

756
citations

933447

10
h-index

1372567

10
g-index

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docs citations

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times ranked

1220
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial opal photonic crystals and inverse opal structures â€“ fundamentals and applications from optics to energy storage. <i>Journal of Materials Chemistry C</i> , 2015, 3, 6109-6143.	5.5	254
2	Structuring materials for lithium-ion batteries: advancements in nanomaterial structure, composition, and defined assembly on cell performance. <i>Journal of Materials Chemistry A</i> , 2014, 2, 9433.	10.3	144
3	Electrodeposited Structurally Stable $V_{2}O_{5}$ Inverse Opal Networks as High Performance Thin Film Lithium Batteries. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 27006-27015.	8.0	81
4	2D and 3D photonic crystal materials for photocatalysis and electrochemical energy storage and conversion. <i>Science and Technology of Advanced Materials</i> , 2016, 17, 563-582.	6.1	77
5	Ordered 2D Colloidal Photonic Crystals on Gold Substrates by Surfactant-Assisted Fast-Rate Dip Coating. <i>Small</i> , 2014, 10, 1895-1901.	10.0	55
6	2D and 3D vanadium oxide inverse opals and hollow sphere arrays. <i>CrystEngComm</i> , 2014, 16, 10804-10815.	2.6	37
7	High performance inverse opal Li-ion battery with paired intercalation and conversion mode electrodes. <i>Journal of Materials Chemistry A</i> , 2016, 4, 4448-4456.	10.3	34
8	3D Vanadium Oxide Inverse Opal Growth by Electrodeposition. <i>Journal of the Electrochemical Society</i> , 2015, 162, D605-D612.	2.9	32
9	Core-Shell Tin Oxide, Indium Oxide, and Indium Tin Oxide Nanoparticles on Silicon with Tunable Dispersion: Electrochemical and Structural Characteristics as a Hybrid Li-ion Battery Anode. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 8195-8202.	8.0	27
10	Linking Precursor Alterations to Nanoscale Structure and Optical Transparency in Polymer Assisted Fast-Rate Dip-Coating of Vanadium Oxide Thin Films. <i>Scientific Reports</i> , 2015, 5, 11574.	3.3	15
11	Photonic Crystals: Ordered 2D Colloidal Photonic Crystals on Gold Substrates by Surfactant-Assisted Fast-Rate Dip Coating (<i>Small</i> 10/2014). <i>Small</i> , 2014, 10, 1894-1894.	10.0	0