

Andrew L Schmitt

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

2,034
citations

430874

18
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

2884
citing authors

#	ARTICLE	IF	CITATIONS
1	Dislocation-Driven Nanowire Growth and Eshelby Twist. <i>Science</i> , 2008, 320, 1060-1063.	12.6	490
2	Effect of Nanoscale Morphology on the Conductivity of Polymerized Ionic Liquid Block Copolymers. <i>Macromolecules</i> , 2011, 44, 5727-5735.	4.8	258
3	Synthesis and applications of metal silicidenanowires. <i>Journal of Materials Chemistry</i> , 2010, 20, 223-235.	6.7	194
4	Unexpected Consequences of Block Polydispersity on the Self-Assembly of ABA Triblock Copolymers. <i>Journal of the American Chemical Society</i> , 2012, 134, 3834-3844.	13.7	187
5	Higher Manganese Silicide Nanowires of Nowotny Chimney Ladder Phase. <i>Journal of the American Chemical Society</i> , 2008, 130, 16086-16094.	13.7	144
6	Ultralong Single-Crystal Metallic Ni ₂ Si Nanowires with Low Resistivity. <i>Nano Letters</i> , 2007, 7, 965-969.	9.1	134
7	Synthesis and Properties of Single-Crystal FeSi Nanowires. <i>Nano Letters</i> , 2006, 6, 1617-1621.	9.1	120
8	Metallic Single-Crystal CoSi Nanowires via Chemical Vapor Deposition of Single-Source Precursor. <i>Journal of Physical Chemistry B</i> , 2006, 110, 18142-18146.	2.6	91
9	Single-Crystal Semiconducting Chromium Disilicide Nanowires Synthesized via Chemical Vapor Transport. <i>Chemistry of Materials</i> , 2007, 19, 3238-3243.	6.7	70
10	Chemical Synthesis and Magnetotransport of Magnetic Semiconducting Fe _{1-x} Co _x Si Alloy Nanowires. <i>Nano Letters</i> , 2008, 8, 810-815.	9.1	68
11	Polydispersity-Induced Stabilization of a Disordered Bicontinuous Morphology in ABA Triblock Copolymers. <i>Macromolecules</i> , 2010, 43, 7913-7915.	4.8	49
12	Polydispersity-Driven Block Copolymer Amphiphile Self-Assembly into Prolate-Spheroid Micelles. <i>ACS Macro Letters</i> , 2012, 1, 300-304.	4.8	37
13	Microstructure of Copolymers Formed by the Reagentless, Mechanochemical Remodeling of Homopolymers via Pulsed Ultrasound. <i>ACS Macro Letters</i> , 2012, 1, 23-27.	4.8	36
14	Spin Polarization Measurement of Homogeneously Doped Fe _{1-x} Co _x Si Nanowires by Andreev Reflection Spectroscopy. <i>Nano Letters</i> , 2011, 11, 4431-4437.	9.1	33
15	Polydispersity-driven shift in the lamellar mesophase composition window of PEO-PB-PEO triblock copolymers. <i>Soft Matter</i> , 2012, 8, 2294.	2.7	32
16	Mechanistic Investigation of the Growth of Fe _{1-x} Co _x Si (0 ≤ x ≤ 1) Nanowires. <i>Journal of Physical Chemistry B</i> , 2008, 112, 12123-12130.	14.6	28
17	Selective Patterned Growth of Silicide Nanowires without the Use of Metal Catalysts. <i>Chemistry of Materials</i> , 2007, 19, 126-128.	6.7	27
18	Spin-Dependent Tunneling Transport into CrO ₂ Nanorod Devices with Nonmagnetic Contacts. <i>Nano Letters</i> , 2008, 8, 2356-2361.	9.1	21

#	ARTICLE	IF	CITATIONS
19	Mesoporous Carbon-Vanadium Oxide Films by Resol-Assisted, Triblock Copolymer-Templated Cooperative Self-Assembly. ACS Applied Materials & Interfaces, 2014, 6, 19288-19298.	8.0	15