

Julie L Fenton

List of Publications by Year in descending order

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16
papers

958
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687363

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1454
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable intraparticle frameworks for creating complex heterostructured nanoparticle libraries. <i>Science</i> , 2018, 360, 513-517.	12.6	242
2	Rational construction of a scalable heterostructured nanorod megalibrary. <i>Science</i> , 2020, 367, 418-424.	12.6	163
3	Partial Etching of Al from MoAlB Single Crystals To Expose Catalytically Active Basal Planes for the Hydrogen Evolution Reaction. <i>Chemistry of Materials</i> , 2017, 29, 8953-8957.	6.7	110
4	Polycrystalline Covalent Organic Framework Films Act as Adsorbents, Not Membranes. <i>Journal of the American Chemical Society</i> , 2021, 143, 1466-1473.	13.7	88
5	Structure-Selective Cation Exchange in the Synthesis of Zincblende MnS and CoS Nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6464-6467.	13.8	53
6	Structure-Selective Synthesis of Wurtzite and Zincblende ZnS, CdS, and CuInS ₂ Using Nanoparticle Cation Exchange Reactions. <i>Inorganic Chemistry</i> , 2019, 58, 672-678.	4.0	50
7	Sequential Anion and Cation Exchange Reactions for Complete Material Transformations of Nanoparticles with Morphological Retention. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8669-8672.	13.8	49
8	Exploiting Crystallographic Regioselectivity To Engineer Asymmetric Three-Component Colloidal Nanoparticle Isomers Using Partial Cation Exchange Reactions. <i>Journal of the American Chemical Society</i> , 2018, 140, 6771-6775.	13.7	49
9	Insights into the Seeded-Growth Synthesis of Colloidal Hybrid Nanoparticles. <i>Chemistry of Materials</i> , 2017, 29, 106-119.	6.7	36
10	Made-to-Order Heterostructured Nanoparticle Libraries. <i>Accounts of Chemical Research</i> , 2020, 53, 2558-2568.	15.6	34
11	Seeded Growth of Metal Nitrides on Noble-Metal Nanoparticles To Form Complex Nanoscale Heterostructures. <i>Chemistry of Materials</i> , 2019, 31, 4605-4613.	6.7	21
12	Synthetic Deconvolution of Interfaces and Materials Components in Hybrid Nanoparticles. <i>Chemistry of Materials</i> , 2017, 29, 6168-6177.	6.7	15
13	Colloidal ZnO and Zn _{1-x} Co _x O tetrapod nanocrystals with tunable arm lengths. <i>Nanoscale</i> , 2015, 7, 16671-16676.	5.6	9
14	Structure-Selective Cation Exchange in the Synthesis of Zincblende MnS and CoS Nanocrystals. <i>Angewandte Chemie</i> , 2017, 129, 6564-6567.	2.0	8
15	Structural Investigation of Pyridinecarboxylato Titanium(IV) Complexes: An Uncommon Monomeric Octacoordinated Complex vs. a Hexaprismatic Architecture. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 357-363.	2.0	7
16	General Solution-Phase Synthesis of Nanoscale Transition Metal Tellurides Using Metal Nanoparticle Reagents. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 3490-3493.	2.0	5