Sarah L Stoll

List of Publications by Year
in descending order

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28 papers	846 citations	623734 14 h-index	552781 26 g-index
29 all docs	29 docs citations	29 times ranked	1153 citing authors

#	Article	IF	Citations
1	Luminescence of Ln(III) Dithiocarbamate Complexes (Ln = La, Pr, Sm, Eu, Gd, Tb, Dy). Inorganic Chemistry, 2008, 47, 1512-1523.	4.0	156
2	Dithiocarbamate Precursors for Rare-Earth Sulfides. Chemistry of Materials, 2005, 17, 3114-3121.	6.7	119
3	Magnetic Properties of Lanthanide Chalcogenide Semiconducting Nanoparticles. Journal of the American Chemical Society, 2006, 128, 11173-11179.	13.7	74
4	Controlled growth of HfO2 thin films by atomic layer deposition from cyclopentadienyl-type precursor and water. Journal of Materials Chemistry, 2005, 15, 2271.	6.7	64
5	Size-Dependent Magnetism of EuS Nanoparticles. Chemistry of Materials, 2008, 20, 3368-3376.	6.7	60
6	Monolayer and Multilayer Films of [Mn12O12(O2CMe)16]. Nano Letters, 2004, 4, 399-402.	9.1	53
7	Luminescence and Nonlinear Optical Properties in Copper(I) Halide Extended Networks. Inorganic Chemistry, 2016, 55, 11408-11417.	4.0	40
8	Europium chalcogenide magnetic semiconductor nanostructures. Coordination Chemistry Reviews, 2015, 289-290, 279-288.	18.8	36
9	Gadolinium Doped Europium Sulfide. Journal of the American Chemical Society, 2010, 132, 13960-13962.	13.7	34
10	Magnetic Nanobeads as Potential Contrast Agents for Magnetic Resonance Imaging. ACS Nano, 2013, 7, 9040-9048.	14.6	26
11	Thermolysis of lanthanide dithiocarbamate complexes. Journal of Solid State Chemistry, 2010, 183, 52-56.	2.9	25
12	Surface attached manganeseâ€“oxo clusters as potential contrast agents. Chemical Communications, 2009, , 788.	4.1	24
13	Dissolutionâ€“Precipitation Synthesis and Characterization of Zinc Whitlockite with Variable Metal Content. ACS Biomaterials Science and Engineering, 2021, 7, 3586-3593.	5.2	22
14	Mononuclear to Polynuclear U^{IV} Structural Units: Effects of Reaction Conditions on Uâ€Furoate Phase Formation. Chemistry - A European Journal, 2020, 26, 5872-5886.	3.3	15
15	Europium Chalcogenide Nanowires by Vapor Phase Conversions. Chemistry of Materials, 2014, 26, 3144-3150.	6.7	14
16	Valence and Magnetic Investigations of Alkali Metal-Doped Europium Sulfide. Chemistry of Materials, 2012, 24, 4390-4396.	6.7	12
17	Single-Source Precursors for Lanthanide Diselenide Nanosheets. Chemistry of Materials, 2019, 31, 7779-7789.	6.7	12
18	Solid-State and Nanoparticle Synthesis of EuS_xSe_{1â€“x} Solid Solutions. Chemistry of Materials, 2018, 30, 2954-2964.	6.7	10

#	Article	IF	Citations
19	Dye-coated europium monosulfide. Journal of Solid State Chemistry, 2011, 184, 1324-1327.	2.9	9
20	Paramagnetic Clusters of Mn₃(O₂CCH₃)₆(Bpy)₂ in Polyacrylamide Nanobeads as a New Design Approach to a T₁â€“T₂ Multimodal Magnetic Resonance Imaging Contrast Agent. ACS Applied Materials & Interfaces, 2019, 11, 18153-18164.	8.0	9
21	Miniemulsion Synthesis of Metalâ€“Oxo Cluster Containing Copolymer Nanobeads. Langmuir, 2011, 27, 12575-12584.	3.5	8
22	Paramagnetic Mn₈Fe₄-co-Polystyrene Nanobeads as a Potential T₁â€“T₂ Multimodal Magnetic Resonance Imaging Contrast Agent with In Vivo Studies. ACS Applied Materials & Interfaces, 2021, 13, 39042-39054.	8.0	6
23	Giant band splittings in EuS and EuSe magnetic semiconductor nanocrystals. Chemical Communications, 2020, 56, 5843-5846.	4.1	5
24	Synthesis of Mixedâ€Valent Lanthanide Sulfide Nanoparticles. Angewandte Chemie - International Edition, 2021, 60, 23134-23141.	13.8	5
25	The Accessibility of the Cell Wall in Scots Pine (Pinus sylvestris L.) Sapwood to Colloidal Fe3O4 Nanoparticles. ACS Omega, 2021, 6, 21719-21729.	3.5	4
26	Synthesis of lanthanide chalcogenide nanoparticles. , 2022, , 219-243.		3
27	Synthesis of Mixedâ€Valent Lanthanide Sulfide Nanoparticles. Angewandte Chemie, 2021, 133, 23318.	2.0	1
28	Using Redox Titrations to Probe the Role of Trivalent Impurity Ions in the Ferromagnetism of Colloidal EuS Nanocrystals. Chemistry of Materials, 2020, 32, 8633-8640.	6.7	0