

Amanda L Eckermann

List of Publications by Year in descending order

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25
papers

1,500
citations

471509

17
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

3047
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemistry of redox-active self-assembled monolayers. <i>Coordination Chemistry Reviews</i> , 2010, 254, 1769-1802.	18.8	489
2	Cobalt derivatives as promising therapeutic agents. <i>Current Opinion in Chemical Biology</i> , 2013, 17, 189-196.	6.1	143
3	Ultrasmall, Water-Soluble Magnetite Nanoparticles with High Relaxivity for Magnetic Resonance Imaging. <i>Journal of Physical Chemistry C</i> , 2009, 113, 20855-20860.	3.1	133
4	A Modular System for the Synthesis of Multiplexed Magnetic Resonance Probes. <i>Journal of the American Chemical Society</i> , 2011, 133, 5329-5337.	13.7	126
5	Highly dispersible, superparamagnetic magnetite nanoflowers for magnetic resonance imaging. <i>Chemical Communications</i> , 2010, 46, 73-75.	4.1	110
6	Mechanistic Investigation of $\hat{\Gamma}^2$ -Galactosidase-Activated MR Contrast Agents. <i>Inorganic Chemistry</i> , 2008, 47, 56-68.	4.0	70
7	Probing the Chemical Stability of Mixed Ferrites: Implications for Magnetic Resonance Contrast Agent Design. <i>Chemistry of Materials</i> , 2011, 23, 2657-2664.	6.7	68
8	Synapse-Binding Subpopulations of $\hat{\Gamma}^2$ Oligomers Sensitive to Peptide Assembly Blockers and scFv Antibodies. <i>ACS Chemical Neuroscience</i> , 2012, 3, 972-981.	3.5	45
9	Analytical Methods for Characterizing Magnetic Resonance Probes. <i>Analytical Chemistry</i> , 2012, 84, 6278-6287.	6.5	39
10	Modulation of Amyloid $\hat{\Gamma}^2$ Aggregation by Histidine- $\hat{\Gamma}$ -Coordinating Cobalt(III) Schiff Base Complexes. <i>ChemBioChem</i> , 2014, 15, 1584-1589.	2.6	37
11	Axial Ligand Exchange of <i>N</i> -heterocyclic Cobalt(III) Schiff Base Complexes: Molecular Structure and NMR Solution Dynamics. <i>Inorganic Chemistry</i> , 2013, 52, 1069-1076.	4.0	36
12	Kinetic Dispersion in Redox-Active Dithiocarbamate Monolayers. <i>Langmuir</i> , 2010, 26, 2904-2913.	3.5	29
13	Nanodiscs as a Modular Platform for Multimodal MR-Optical Imaging. <i>Bioconjugate Chemistry</i> , 2015, 26, 899-905.	3.6	22
14	Syntheses of Ru $\hat{\Gamma}$ S Clusters with Kinetically Labile Ligands via the Photolysis of [(cymene) $\hat{\Gamma}$ Ru $\hat{\Gamma}$ S $\hat{\Gamma}$](PF $\hat{\Gamma}$) $\hat{\Gamma}$. <i>Inorganic Chemistry</i> , 2001, 40, 1459-1465.	4.0	21
15	Synthesis and Characterization of Ruthenium and Rhenium Nucleosides. <i>Inorganic Chemistry</i> , 2007, 46, 9853-9862.	4.0	19
16	New Class of Ruthenium Sulfide Clusters: Ru $\hat{\Gamma}$ S $\hat{\Gamma}$ (PPh $\hat{\Gamma}$) $\hat{\Gamma}$, Ru $\hat{\Gamma}$ S $\hat{\Gamma}$ (PPh $\hat{\Gamma}$) $\hat{\Gamma}$, and Ru $\hat{\Gamma}$ S $\hat{\Gamma}$ (PPh $\hat{\Gamma}$) $\hat{\Gamma}$. <i>Inorganic Chemistry</i> , 2002, 41, 2004-2006.	4.0	18
17	Syntheses of the 47 Electron Clusters [(Cp $\hat{\Gamma}$ Fe) $\hat{\Gamma}$ ($\hat{\Gamma}$ / $\hat{\Gamma}$ -X) $\hat{\Gamma}$] (X = S, Se) and the First Fe/Sn/Se Heterocubane Cluster [(Cp $\hat{\Gamma}$ Fe) $\hat{\Gamma}$ (SnCl $\hat{\Gamma}$) $\hat{\Gamma}$ ($\hat{\Gamma}$ / $\hat{\Gamma}$ -Se) $\hat{\Gamma}$] $\hat{\Gamma}$ -DME by the Use of Chalcogenostannate Salts. <i>Inorganic Chemistry</i> , 2004, 43, 4595-4603.	4.0	18
18	Synthesis and Electrochemical Characterization of a Transition-Metal-Modified Ligand $\hat{\Gamma}$ Receptor Pair. <i>Journal of the American Chemical Society</i> , 2005, 127, 11880-11881.	13.7	17

#	ARTICLE	IF	CITATIONS
19	Electroactive Self-Assembled Monolayers on Gold via Bipodal Dithiazepane Anchoring Groups. <i>Langmuir</i> , 2008, 24, 9096-9101.	3.5	17
20	Trinuclear Ruthenium Clusters as Bivalent Electrochemical Probes for Ligand-Receptor Binding Interactions. <i>Langmuir</i> , 2012, 28, 939-949.	3.5	16
21	Protein Binding and the Electronic Properties of Iron(II) Complexes: An Electrochemical and Optical Investigation of Outer Sphere Effects. <i>Bioconjugate Chemistry</i> , 2009, 20, 1930-1939.	3.6	15
22	Three-Channel Spectrometer for Wide-Field Imaging of Anisotropic Plasmonic Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2011, 115, 15933-15937.	3.1	8
23	Structural and electrochemical comparison of trinuclear ruthenium oxo clusters [Ru ₃ (OAc) ₆ O(<i>L</i>) ₃] ⁺ and [Ru ₃ (OAc) ₆ O(<i>L</i>) ₂ (CO)] (<i>L</i> = imidazole, benzimidazole,) <i>Tj ETQ</i> 1 0.784314 rg	0.5	3
24	Synthesen und Kristallstrukturen neuer sulfidoverbrückter Rutheniumclusterverbindungen. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 131-134.	1.2	1
25	Azidoruthenium(III) Complexes as Precursors for Molecular Nitrogen and Nitrene Complexes. <i>ChemInform</i> , 2005, 36, no.	0.0	0