

Cassandra L Ward

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

279
citations

1040056

9
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

428
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlling the Excited-State Reaction Dynamics of a Photochromic Molecular Switch with Sequential Two-Photon Excitation. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 2995-3000.	4.6	63
2	Photoacidic and Photobasic Behavior of Transition Metal Compounds with Carboxylic Acid Group(s). <i>Journal of the American Chemical Society</i> , 2016, 138, 3891-3903.	13.7	55
3	Cycloreversion Dynamics of a Photochromic Molecular Switch via One-Photon and Sequential Two-Photon Excitation. <i>Journal of Physical Chemistry A</i> , 2014, 118, 10011-10019.	2.5	45
4	Spectroscopic and Electrochemical Trends in Divalent Lanthanides through Modulation of Coordination Environment. <i>Inorganic Chemistry</i> , 2020, 59, 2613-2620.	4.0	34
5	Kinetic Resolution of Charge Recombination and Electric Fields at the Sensitized TiO ₂ Interface. <i>Journal of Physical Chemistry C</i> , 2015, 119, 25273-25281.	3.1	17
6	Simultaneous Preconcentration and Separation of Native Protein Variants Using Thermal Gel Electrophoresis. <i>Analytical Chemistry</i> , 2020, 92, 6741-6747.	6.5	17
7	Incorporation of thermal gels for facile microfluidic transient isotachopheresis. <i>Analytical Methods</i> , 2019, 11, 4733-4740.	2.7	14
8	Dye Excited States Oriented Relative to TiO ₂ Surface Electric Fields. <i>Journal of Physical Chemistry C</i> , 2018, 122, 13863-13871.	3.1	9
9	Characterizing the impact of thermal gels on isotachopheresis in microfluidic devices. <i>Electrophoresis</i> , 2020, 41, 691-696.	2.4	9
10	Synthesis and Cu(I)/Mo(VI) Reactivity of a Bifunctional Heterodinucleating Ligand on a Xanthene Platform. <i>Inorganic Chemistry</i> , 2021, 60, 14655-14666.	4.0	4
11	Influence of microfabrication on digital PCR performance in bead-based microwell array assays. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6917-6926.	3.7	3
12	Volatile and thermally stable silver pyrazolate complexes containing N-heterocyclic carbene ligands. <i>Polyhedron</i> , 2021, 197, 115010.	2.2	3
13	Near-Infrared Lanthanide-Based Emission from Fused Bis[Ln(III)/Zn(II) 14-metallacrown-5] Coordination Compounds. <i>Inorganic Chemistry</i> , 2022, 61, 5691-5695.	4.0	3
14	(Invited) Atomic Layer Deposition of Tungsten-Rich Tungsten Carbide Films Using WCl ₆ and AlH ₂ (tBuNCH ₂ CH ₂ NMe ₂) as Precursors. <i>ECS Transactions</i> , 2018, 86, 41-51.	0.5	2
15	Evaluation of Volatility and Thermal Stability in Monomeric and Dimeric Lanthanide(III) Complexes Containing Enaminolate Ligands. <i>Organometallics</i> , 2021, 40, 1270-1283.	2.3	1
16	Synthesis and structure of a new bulky bis(alkoxide) ligand on a terphenyl platform. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2022, 78, 92-96.	0.5	0