

Alice E Bruce

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4577075/publications.pdf>

Version: 2024-02-01

22
papers

299
citations

933447

10
h-index

888059

17
g-index

24
all docs

24
docs citations

24
times ranked

402
citing authors

#	ARTICLE	IF	CITATIONS
1	Creating Representation in Support of Chemical Reasoning to Connect Macroscopic and Submicroscopic Domains of Knowledge. <i>Journal of Chemical Education</i> , 2022, 99, 1734-1746.	2.3	5
2	Conceptual Developments of Aryldiazonium Salts as Modifiers for Gold Colloids and Surfaces. <i>Langmuir</i> , 2021, 37, 8897-8907.	3.5	17
3	Designing a Remote, Synchronous, Hands-On General Chemistry Lab Course. <i>Journal of Chemical Education</i> , 2021, 98, 3131-3142.	2.3	10
4	A Professional Development Activity to Help Teaching Assistants Work as a Team to Assess Lab Reports in a General Chemistry Course. <i>Israel Journal of Chemistry</i> , 2019, 59, 536-545.	2.3	6
5	Synthesis of water-soluble gold-aryl nanoparticles with distinct catalytic performance in the reduction of the environmental pollutant 4-nitrophenol. <i>Catalysis Science and Technology</i> , 2019, 9, 6059-6071.	4.1	29
6	Polymers and Cross-Linking: A CORE Experiment To Help Students Think on the Submicroscopic Level. <i>Journal of Chemical Education</i> , 2016, 93, 1599-1605.	2.3	5
7	A Simple, Student-Built Spectrometer To Explore Infrared Radiation and Greenhouse Gases. <i>Journal of Chemical Education</i> , 2016, 93, 1908-1915.	2.3	9
8	Disulfide Competition for Phosphine Gold(I) Thiolates: Phosphine Oxide Formation vs. Thiolate Disulfide Exchange. <i>Inorganics</i> , 2015, 3, 40-54.	2.7	6
9	Identification of dimethyl sulfide in dimethyl sulfoxide and implications for metal-thiolate disulfide exchange reactions. <i>RSC Advances</i> , 2015, 5, 40603-40606.	3.6	7
10	Students' Understanding of Analogy after a CORE (Chemical Observations, Representations, and Explanations) Experiment. <i>Journal of Chemical Education</i> , 2015, 92, 1626-1638.	2.3	18
11	Application of structural analogs of dimercaptosuccinic acid-functionalized silica nanoparticles (DMSA-[silica]) to adsorption of mercury, cadmium, and lead. <i>Research on Chemical Intermediates</i> , 2011, 37, 791-810.	2.7	12
12	Preferential adsorption of mercury(II) ions in water: chelation of mercury, cadmium, and lead ions to silica derivatized with meso-2,3-dimercaptosuccinic acid. <i>Journal of Coordination Chemistry</i> , 2010, 63, 731-741.	2.2	11
13	Structure and Photochemical Isomerization of the Dinuclear Gold(I) Halide Bis(diphenylphosphanyl)ethylene Complexes: Correlation Between Quantum Yield and Auophilicity. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4946-4951.	2.0	15
14	Thermotropic liquid crystals based on ferrocenylbiphenyl and ferrocenylterphenyl. <i>Liquid Crystals</i> , 2006, 33, 485-494.	2.2	7
15	Perspectives in Inorganic and Bioinorganic Gold Sulfur Chemistry. <i>Comments on Inorganic Chemistry</i> , 2002, 23, 321-334.	5.2	24
16	Formation of separated versus contact ion pairs in alkali metal thiolates and selenolates. <i>Dalton Transactions RSC</i> , 2000, , 2167-2173.	2.3	14
17	Reactions of Organic Disulfides and Gold(I) Complexes. <i>Metal-Based Drugs</i> , 1999, 6, 247-253.	3.8	8
18	Cyclic Voltammetry of Auranofin. <i>Metal-Based Drugs</i> , 1999, 6, 233-238.	3.8	18

#	ARTICLE	IF	CITATIONS
19	Electronic Structure of Dinuclear Gold(I) Complexes. <i>Metal-Based Drugs</i> , 1999, 6, 255-260.	3.8	1
20	Stripping Analyses of Mercury Using Gold Electrodes: Irreversible Adsorption of Mercury. <i>Analytical Chemistry</i> , 1999, 71, 3181-3186.	6.5	64
21	Redox Chemistry of Gold(I) Phosphine Thiolates: Sulfur-Based Oxidation. <i>Metal-Based Drugs</i> , 1994, 1, 419-431.	3.8	9
22	Electronic and Steric Effects in Gold(I) Phosphine Thiolate Complexes. <i>Metal-Based Drugs</i> , 1994, 1, 405-417.	3.8	3