

Zeus A De Los Santos

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Chiroptical sensing of amino acids, amines, amino alcohols, alcohols and terpenes with β -extended acyclic cucurbiturils. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 4248-4253.	1.5	12
2	(Invited) Stereoselective Photoluminescent Properties of DNA-Carbon Nanotubes: A Primer for Molecular Perceptron. <i>ECS Meeting Abstracts</i> , 2021, MA2021-01, 509-509.	0.0	0
3	Optical Detection of Stereoselective Interactions with DNA-Wrapped Single-Wall Carbon Nanotubes. <i>Journal of the American Chemical Society</i> , 2021, 143, 20628-20632.	6.6	10
4	Tandem Use of Optical Sensing and Machine Learning for the Determination of Absolute Configuration, Enantiomeric and Diastereomeric Ratios, and Concentration of Chiral Samples. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2440-2448.	7.2	14
5	Tandem Use of Optical Sensing and Machine Learning for the Determination of Absolute Configuration, Enantiomeric and Diastereomeric Ratios, and Concentration of Chiral Samples. <i>Angewandte Chemie</i> , 2020, 132, 2461-2469.	1.6	5
6	Optical Terpene and Terpenoid Sensing: Chiral Recognition, Determination of Enantiomeric Composition and Total Concentration Analysis with Late Transition Metal Complexes. <i>Journal of the American Chemical Society</i> , 2020, 142, 4121-4125.	6.6	19
7	Optical Chirality Sensing with a Stereodynamic Aluminum Biphenolate Probe. <i>Journal of Organic Chemistry</i> , 2019, 84, 4639-4645.	1.7	20
8	Chiroptical sensing of unprotected amino acids, hydroxy acids, amino alcohols, amines and carboxylic acids with metal salts. <i>Chemical Communications</i> , 2019, 55, 6297-6300.	2.2	18
9	Catalytic Asymmetric Mannich Reaction of β -Fluoronitriles with Ketimines: Enantioselective and Diastereodivergent Construction of Vicinal Tetrasubstituted Stereocenters. <i>ACS Catalysis</i> , 2019, 9, 2169-2176.	5.5	45
10	Optical Chirality Sensing with an Auxiliary-Free Earth-Abundant Cobalt Probe. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1198-1202.	7.2	39
11	Enantioselective sensing of carboxylic acids with a bis(urea)oligo(phenylene)ethynylene foldamer. <i>Tetrahedron</i> , 2019, 75, 1504-1509.	1.0	12
12	Chirality sensing with stereodynamic copper(I) complexes. <i>Chirality</i> , 2017, 29, 663-669.	1.3	11
13	Chiroptical Asymmetric Reaction Screening via Multicomponent Self-Assembly. <i>Journal of the American Chemical Society</i> , 2016, 138, 13517-13520.	6.6	57
14	Quantitative chirality sensing of amines and amino alcohols via Schiff base formation with a stereodynamic UV/CD probe. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 1934-1939.	1.5	32
15	Chirality Sensing With Stereodynamic Biphenolate Zinc Complexes. <i>Chirality</i> , 2015, 27, 700-707.	1.3	14