

Hung-Wei Tsui

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

348
citations

840776

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all docs

20
docs citations

20
times ranked

309
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Behavior of Heat of Micellization of Pluronics F68 and F88 in Aqueous Solutions. <i>Langmuir</i> , 2008, 24, 13858-13862.	3.5	64
2	Study of heat of micellization and phase separation for Pluronic aqueous solutions by using a high sensitivity differential scanning calorimetry. <i>Colloid and Polymer Science</i> , 2010, 288, 1687-1696.	2.1	50
3	Infrared Spectroscopy and Molecular Simulations of a Polymeric Sorbent and Its Enantioselective Interactions with Benzoin Enantiomers. <i>Journal of Physical Chemistry B</i> , 2011, 115, 12785-12800.	2.6	28
4	Insights into chromatographic enantiomeric separation of allenes on cellulose carbamate stationary phase. <i>Journal of Chromatography A</i> , 2014, 1362, 119-128.	3.7	28
5	Effect of alcohols on the heat of micellization of Pluronic F88 aqueous solutions. <i>Colloid and Polymer Science</i> , 2015, 293, 3403-3415.	2.1	24
6	Chiral Recognition Mechanism of Acyloin-Containing Chiral Solutes by Amylose Tris[(S)-1-methylbenzylcarbamate]. <i>Journal of Physical Chemistry B</i> , 2013, 117, 9203-9216.	2.6	22
7	Retention models and interaction mechanisms of acetone and other carbonyl-containing molecules with amylose tris[(S)-1-methylbenzylcarbamate] sorbent. <i>Journal of Chromatography A</i> , 2013, 1279, 36-48.	3.7	19
8	Effect of alcohol aggregation on the retention factors of chiral solutes with an amylose-based sorbent: Modeling and implications for the adsorption mechanism. <i>Journal of Chromatography A</i> , 2014, 1328, 52-65.	3.7	15
9	Solvent effects on the retention mechanisms of an amylose-based sorbent. <i>Journal of Chromatography A</i> , 2018, 1556, 64-72.	3.7	15
10	Elucidation of retention behaviors in reversed-phase liquid chromatography as a function of mobile phase composition. <i>Journal of Chromatography A</i> , 2019, 1595, 127-135.	3.7	15
11	Elucidation of adsorption mechanisms of solvent molecules with distinct functional groups on amylose tris(3,5-dimethylphenylcarbamate)-based sorbent. <i>Journal of Chromatography A</i> , 2016, 1460, 123-134.	3.7	12
12	Retention models and interaction mechanisms of benzene and other aromatic molecules with an amylose-based sorbent. <i>Journal of Chromatography A</i> , 2017, 1494, 55-64.	3.7	11
13	Effect of solvents on the chiral recognition mechanisms of immobilized cellulose-based chiral stationary phase. <i>Journal of Chromatography A</i> , 2021, 1637, 461796.	3.7	11
14	Effect of solvent composition on the van't Hoff enthalpic curve using amylose 3,5-dichlorophenylcarbamate-based sorbent. <i>Journal of Chromatography A</i> , 2017, 1515, 179-186.	3.7	8
15	The origin of anomalous positive heat capacity change upon micellization of Pluronic triblock copolymer F108 in aqueous solutions: Effect of PEO-PPO diblock impurities. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 509, 109-115.	4.7	6
16	Effect of 2-propanol content on solute retention mechanisms determined using amylose tris(3,5-dimethylphenylcarbamate) chiral stationary phase under normal- and reversed-phase conditions. <i>Journal of Chromatography A</i> , 2021, 1650, 462226.	3.7	6
17	Retention modeling and adsorption mechanisms in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2022, 1662, 462736.	3.7	6
18	Mechanistic Studies of Chiral Discrimination in Polysaccharide Phases. <i>Advances in Chromatography</i> , 2012, 50, 47-91.	1.0	3

#	ARTICLE	IF	CITATIONS
19	Effects of the Sorbent Backbone and Side Chain on Retention Mechanisms Using Immobilized Polysaccharide-Based Stationary Phases in Normal Phase Mode. <i>Chromatographia</i> , 2020, 83, 807-819.	1.3	3
20	Retention and Partition Behaviors of Solutes in a Surfactant-Based Mobile Phase at Concentrations Approaching the Critical Micelle Concentration in Liquid Chromatography. <i>Chromatographia</i> , 2020, 83, 1247-1256.	1.3	2