

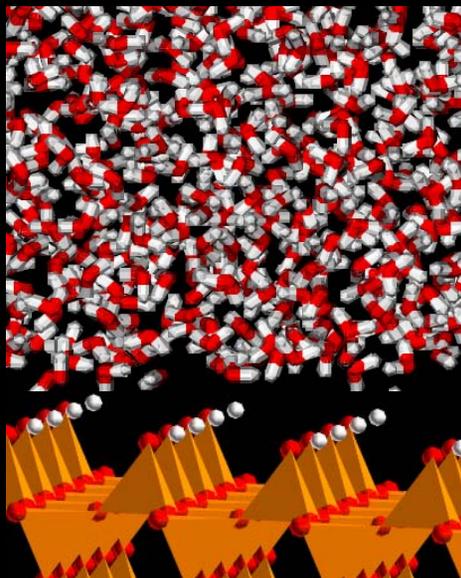
Cyberinfrastructure and Research Facilities: Developing Collaboratory Tools to Facilitate Multi-Disciplinary, Multi-Scale Research in Environmental Molecular Sciences

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The Pennsylvania State University

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Computational chemistry, database population, and intelligent search tools provide new ways to tie together theory and experiments in environmental science. Development of the Chem_xSeer toolkit provides search engine results that are much more relevant than results returned by popular search engines. This tool focuses on chemical formulae and names, as well as data in tables and figures, and efficiently searches new computational modeling data.



Chem^xSeer

General	Formulae	Data Set
ch		Search

Optional fields include title: author: abstract: venue: year: vol:

Results 1 - 10 of 631 for query: ch

1. Amperometric sensor for choline and acetylcholine based on a platinum electrode modified by a co-crosslinked bienzymic system

Antonio Guerrieri, Giuseppe E. De Benedetto, Francesco Palmisano and Pier G. Zambonin

The Analyst, 1995, 120, 2731 - 2736

[PDF](#), [Abstract](#), [BibTex](#)

of AcCh and Ch, in connection with neuropsychological and neuropsychiatric disorders such as Alzheimer's disease and progressive dementia. Unfortunately, AcCh and Ch are neither oxidizable nor... and gas chromatography-mass spectrometry, have been developed for AcCh and/or Ch determination

2. Composition of sodium taurocholate micellar solutions

Emilio Bottari, Maria Rosa Festa and Magda Franco

The Analyst, 1999, 124, 887 - 892

[PDF](#), [Abstract](#), [BibTex](#)

= b q p r cNa^δ cHP cTC^γ (2) ln eqn. (2) and subsequent expressions, a small or a capital c... those formed by deoxycholate, glyco- deoxycholate and taurodeoxycholate. The measure of only cH... , cH and cNa were obtained by measuring the e.m.f. of the following galvanic cells: I (2) R.E.

3. Disorganised self-assembled monolayers (SAMs): the incorporation of amphiphilic molecules

Inna Markovich and Daniel Mandler

Analyst, 2001, 126, 50 - 1856

[PDF](#), [Abstract](#), [BibTex](#)

an amphiphile, i^Δ/ich · 21 as a measure of the amount of incorporated molecules. Table 1 summarises the i^Δ/ich ratios for various alkyl- 21trimethylammonium chains as a function... on the chain length. Clearly, the ratio i^Δ/ich increases with the length of the alkyl group