

David Whitten



Affiliation and contact

Associate Editor ACS AMI (since 1/2015)

Affiliation: University of New Mexico (Biomedical Engineering)

Email: whitten-office@ami.acs.org

Preferred Journal Sections (green=good, red=bad, grey=maybe)

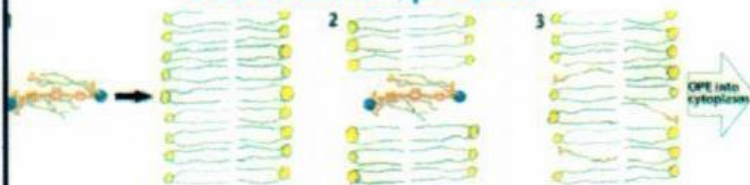
- (1) Biological and Medical Applications of Materials & Interfaces
- (2) Energy, Environmental, and Catalysis Applications
- (3) Functional Inorganic Materials and Devices
- (4) Organic Electronic Devices
- (5) Functional Nanostructured Materials
- (6) Applications of Polymer Composite and Coating Materials
- (7) Surfaces, Interfaces, and Applications

Research Interests:

Antimicrobial Polymers and Oligomers and applications thereof, conjugated polyelectrolytes and oligomers and their complexes with detergents, polymers, calyx, and biopolymers, fluorescence-based bio- and chem- sensors, excited state energy and electron transfer processes.

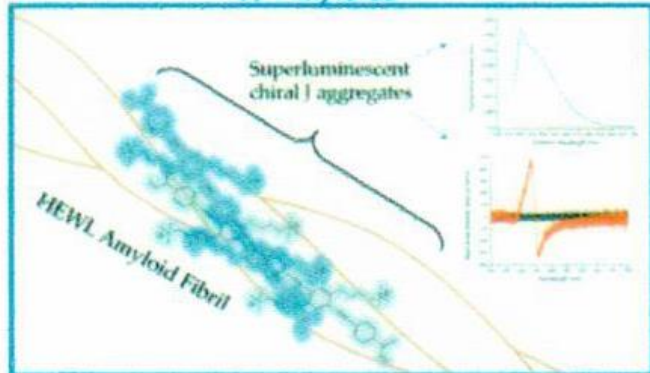
Whitten Group Research

Activating the Antimicrobial Activity of an Anionic Singlet Oxygen Sensitizer through Surfactant complexation



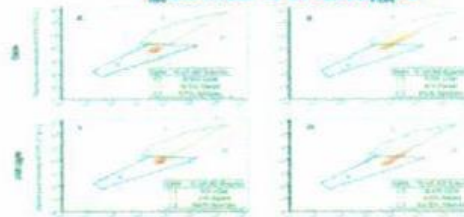
Langmuir., 2014 14, 5052–5056

Oligo(p-phenylene ethynylene) Electrolytes: A Novel Molecular Scaffold for Optical Tracking of Amyloids



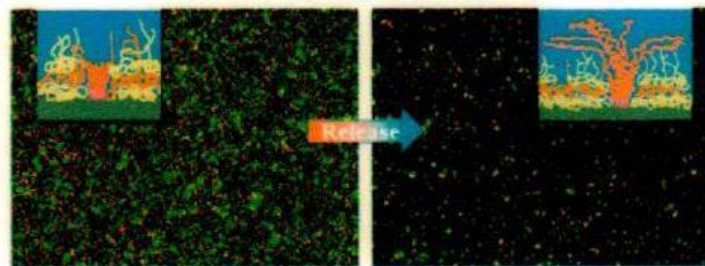
ACS Chem. Neurosci., 2015, 6, 1526-1535

Assessing the Sporicidal Activity of Oligo-p-phenylene Ethynylenes and Their Role as *Bacillus Germinants*



Langmuir., 2015 15, 4481-4489

Self-Sterilizing, Self-Cleaning Mixed Polymeric Multifunctional Antimicrobial Surfaces



ACS Appl. Mater. Interfaces, 2015, 7, 27632–27638



CHEMICAL &
BIOLOGICAL
ENGINEERING