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SEWAGE-BASED DRUG EPIDEMIOLOGY



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ON THE COVER: Sewer-based drug epidemiology is a recent field that is expanding at an exciting rate. Environmental chemists and drug epidemiologists team up to develop a field that has much potential to help current methods used for understand illicit drug use. How the field has grown in just 10 years, where it might go in the future, and the challenges that exist are explored in this issue's Feature article.

Comment

1361

[dx.doi.org/10.1021/es4052507](https://doi.org/10.1021/es4052507)**How to Feed 10 Billion?**

Jerald L. Schnoor*

Features

1362

[dx.doi.org/10.1021/es4044648](https://doi.org/10.1021/es4044648)**Working Upstream: How Far Can You Go with Sewage-Based Drug Epidemiology?**

Daniel A. Burgard,* Caleb Banta-Green, and Jennifer A. Field

The field of drug epidemiology based upon sewer sampling has only emerged in the last 10 years and has great potential to aid in drug epidemiological studies. This rapidly expanding field can provide an unbiased look into the illicit drug habits of large populations as well as specific, smaller groups. How far the field has evolved is discussed as well as where the future for these types of monitoring studies could go. The field of drug epidemiology based upon sewer sampling has only emerged in the last 10 years and has great potential to aid in drug epidemiological studies. This rapidly expanding field can provide an unbiased look into the illicit drug habits of large populations as well as specific, smaller groups. How far the field has evolved is discussed as well as where the future for these types of monitoring studies could go.

Letters

1369

[dx.doi.org/10.1021/es500113x](https://doi.org/10.1021/es500113x)**Response to "Letter to the Editor Concerning the Viewpoint: 'Recognizing the Limitations of Performance Reference Compound (PRC)-Calibration Technique in Passive Water Sampling'"**

Eddy Y. Zeng* and Charles S. Wong


Viewpoints

1370

[dx.doi.org/10.1021/es500112e](https://doi.org/10.1021/es500112e)**Proposed Trade Agreements Would Make Policy Implications of Environmental Research Entirely Irrelevant**

Philippe C. Baveye* and Laurent Charlet

Critical Reviews

1372  [dx.doi.org/10.1021/es404410s](https://doi.org/10.1021/es404410s)
Critical Review: Copper Runoff from Outdoor Copper Surfaces at Atmospheric Conditions
Yolanda S. Hedberg, Jonas F. Hedberg, Gunilla Herting, Sara Goidanich, and Inger Odnevall Wallinder*

Policy Analysis

1382  [dx.doi.org/10.1021/es4045677](https://doi.org/10.1021/es4045677)
How Much Do Electric Drive Vehicles Matter to Future U.S. Emissions?
Samaneh Babae*, Ajay S. Naggpure, and Joseph F. DeCarolis

1391  [dx.doi.org/10.1021/es4033452](https://doi.org/10.1021/es4033452)
Global Flows of Critical Metals Necessary for Low-Carbon Technologies: The Case of Neodymium, Cobalt, and Platinum
Keisuke Nansai*, Kenichi Nakajima, Shigemi Kagawa, Yasushi Kondo, Sangwon Suh, Yosuke Shigetomi, and Yuko Oshita


1401  [dx.doi.org/10.1021/es4036286](https://doi.org/10.1021/es4036286)
Decision Support Framework for Developing Regional Energy Strategies
Douglas L. Bessette*, Joseph Arvai, and Victoria Campbell-Arvai


1409  [dx.doi.org/10.1021/es4043066](https://doi.org/10.1021/es4043066)
Integrated Assessment of Risk and Sustainability in the Context of Regulatory Decision Making
Ken Sexton* and Stephen H. Linder


Articles


Characterization of Natural and Affected Environments

1419  [dx.doi.org/10.1021/es402047s](https://doi.org/10.1021/es402047s)
Temporal Variation of Iodine Isotopes in the North Sea
Peng He*, Ala Aldahan, Göran Possnert, and Xiaolin Hou

1426  [dx.doi.org/10.1021/es402636u](https://doi.org/10.1021/es402636u)
Effect of Disinfectant, Water Age, and Pipe Materials on Bacterial and Eukaryotic Community Structure in Drinking Water Biofilm
Hong Wang, Sheldon Masters, Marc A. Edwards, Joseph O. Falkinham III, and Amy Pruden*

1436  [dx.doi.org/10.1021/es403077b](https://doi.org/10.1021/es403077b)
Metal Release from Sandstones under Experimentally and Numerically Simulated CO₂ Leakage Conditions
Katie Kirsch, Alexis K. Navarre-Sitchler*, Assaf Wunsch, and John E. McCray

1443  [dx.doi.org/10.1021/es403229x](https://doi.org/10.1021/es403229x)
Atmospheric Peroxides in a Polluted Subtropical Environment: Seasonal Variation, Sources and Sinks, and Importance of Heterogeneous Processes
Jia Guo, Andreas Tilgner, Chungpong Yeung, Zhe Wang, Peter K. K. Louie, Connie W. Y. Luk, Zheng Xu, Chao Yuan, Yuan Gao, Steven Poon, Hartmut Herrmann, Shuncheng Lee, Ka Se Lam, and Tao Wang*


1451  [dx.doi.org/10.1021/es4035655](https://doi.org/10.1021/es4035655)
A Chinese Imprint in Insoluble Pollutants Recently Deposited in Central Greenland As Indicated by Lead Isotopes
Aloys J.-M. Bory*, Wafa Abouchami, Stephen J. G. Galer, Anders Svensson, John N. Christensen, and Pierre E. Biscaye

1458  [dx.doi.org/10.1021/es403600a](https://doi.org/10.1021/es403600a)
Polybrominated Diphenyl Ethers and Alternative Flame Retardants in Air and Precipitation Samples from the Northern Lake Victoria Region, East Africa
Kenneth Arinaitwe*, Derek C. G. Muir, Bernard T. Kiremire, Phil Fellin, Henrik Li, and Camilla Teixeira


1467  [dx.doi.org/10.1021/es403938d](https://doi.org/10.1021/es403938d)
Microanalytical X-ray Imaging of Depleted Uranium Speciation in Environmentally Aged Munitions Residues
Daniel E. Crean, Francis R. Livens, Martin C. Stennett, Daniel Grolimund, Camelia N. Borca, and Neil C. Hyatt*


1475  [dx.doi.org/10.1021/es4044177](https://doi.org/10.1021/es4044177)
Verifying Emission Reductions from Heavy-Duty Diesel Trucks Operating on Southern California Freeways
Kathleen H. Kozawa*, Seong Suk Park, Steven L. Mara, and Jorn D. Herner


1484  [dx.doi.org/10.1021/es404668b](https://doi.org/10.1021/es404668b)
Distribution and Origin of Groundwater Methane in the Wattenberg Oil and Gas Field of Northern Colorado
Huishu Li and Kenneth H. Carlson*

1492  [dx.doi.org/10.1021/es404801y](https://doi.org/10.1021/es404801y)
Elevated Dissolved Phosphorus in Riparian Groundwater along Gaining Urban Streams
James W. Roy* and Greg Bickerton

1499  [dx.doi.org/10.1021/es4048472](https://doi.org/10.1021/es4048472)
Inhalable Microorganisms in Beijing's PM_{2.5} and PM₁₀ Pollutants during a Severe Smog Event
Chen Cao, Wenjun Jiang, Buying Wang, Jianhuo Fang, Jidong Lang, Geng Tian*, Jingkun Jiang*, and Ting F. Zhu*


1508  [dx.doi.org/10.1021/es404905u](https://doi.org/10.1021/es404905u)
Polybrominated Diphenyl Ethers in Soils, Sediments, and Human Hair in a Plastic Waste Recycling Area: A Neglected Heavily Polluted Area
Zhenwu Tang, Qifei Huang*, Jiali Cheng, Yufei Yang, Jun Yang, Wei Guo, Zhiqiang Nie, Ning Zeng, and Lu Jin


1517  dx.doi.org/10.1021/es404549u
Effects and Implications of Trophic Transfer and Accumulation of CeO₂ Nanoparticles in a Marine Mussel
Jon R. Conway, Shannon K. Hanna, Hunter S. Lenihan, and Arturo A. Keller*


1525  dx.doi.org/10.1021/es405171t
Levels and Distributions of Hexachlorobutadiene and Three Chlorobenzenes in Biosolids from Wastewater Treatment Plants and in Soils within and Surrounding a Chemical Plant in China
Haiyan Zhang, Yawei Wang, Cheng Sun, Miao Yu, Yan Gao, Thanh Wang, Jiyan Liu,* and Guibin Jiang

Environmental Processes

1532  dx.doi.org/10.1021/es404455w
Porous Media-Induced Aggregation of Protein-Stabilized Gold Nanoparticles
Matthew Y. Chan and Peter J. Vikesland*

1541  dx.doi.org/10.1021/es4043534
Bioregeneration of Spent Anion Exchange Resin for Treatment of Nitrate in Water
Xiaoyang Meng, David A. Vaccari, Jianfeng Zhang, Antonio Fiume, and Xiaoguang Meng*

1549  dx.doi.org/10.1021/es402739a
Arsenic Distribution and Speciation near Rice Roots Influenced by Iron Plaques and Redox Conditions of the Soil Matrix
Noriko Yamaguchi,* Toshiaki Ohkura, Yoshio Takahashi, Yuji Maejima, and Tomohito Arai

1557  dx.doi.org/10.1021/es402956r
Determination of the Photolysis Rate Coefficient of Monochlorodimethyl Sulfide (MCDMS) in the Atmosphere and Its Implications for the Enhancement of SO₂ Production from the DMS + Cl₂ Reaction
G. Copeland, E. P. F. Lee, R. G. Williams, A. T. Archibald, D. E. Shallcross, and J. M. Dyke*

1566  dx.doi.org/10.1021/es500069j
Nonlinear Response of Riverine N₂O Fluxes to Oxygen and Temperature
Jason J. Venkiteswaran,* Madeline S. Rosamond, and Sherry L. Schiff


1574  dx.doi.org/10.1021/es403378e
Scale-Up Study of a Multiphase Photocatalytic Reactor—Degradation of Cyanide in Water over TiO₂
Mahsa Motegh, J. Ruud van Ommen,* Peter W. Appel, and Michiel T. Kreutzer


1582  dx.doi.org/10.1021/es4049384
A PARAFAC-Based Long-Term Assessment of DOM in a Multi-Coagulant Drinking Water Treatment Scheme
Nancy P. Sanchez,* Andrew T. Skeriotis, and Christopher M. Miller

1592  dx.doi.org/10.1021/es403879e
Investigating Chloroperoxidase-Catalyzed Formation of Chloroform from Humic Substances Using Stable Chlorine Isotope Analysis
Florian Breider and Daniel Hunkeler*

1601  dx.doi.org/10.1021/es403871w
Adsorption Separation of Carbon Dioxide from Flue Gas by a Molecularly Imprinted Adsorbent
Yi Zhao,* Yanmei Shen, Guoyi Ma, and Rongjie Hao

1609  dx.doi.org/10.1021/es403716w
Measurement and Modeling of Hydrogen Sulfide Lagoon Emissions from a Swine Concentrated Animal Feeding Operation
Ian C. Rumsey* and Viney P. Aneja

1618  dx.doi.org/10.1021/es4042622
On the Role of Particle Inorganic Mixing State in the Reactive Uptake of N₂O₅ to Ambient Aerosol Particles
Olivia S. Ryder, Andrew P. Ault, John F. Cahill, Timothy L. Guasco, Theran P. Riedel, Luis A. Cuadra-Rodriguez, Cassandra J. Gaston, Elizabeth Fitzgerald, Christopher Lee, Kimberly A. Prather, and Timothy H. Bertram*


1628  dx.doi.org/10.1021/es4042836
Resolving Biodegradation Patterns of Persistent Saturated Hydrocarbons in Weathered Oil Samples from the Deepwater Horizon Disaster
Jonas Gros, Christopher M. Reddy, Christoph Aeppli, Robert K. Nelson, Catherine A. Carmichael, and J. Samuel Arey*


1638  dx.doi.org/10.1021/es404295e
Ingestion of Microplastic Has Limited Impact on a Marine Larva
Katrina L. Kaposi, Benjamin Mos, Brendan P. Kelaher, and Symon A. Dworjanyn*

1646  dx.doi.org/10.1021/es404431k
Determining the Ecological Impacts of Organic Contaminants in Biosolids Using a High-Throughput Colorimetric Denitrification Assay: A Case Study with Antimicrobial Agents
R. M. Holzem, H. M. Stapleton, and C. K. Gunsch*


1656  dx.doi.org/10.1021/es404497h
Electron Transfer from Humic Substances to Biogenic and Abiogenic Fe(III) Oxyhydroxide Minerals
Annette Piepenbrock, Christian Schröder, and Andreas Kappler*

1665  dx.doi.org/10.1021/es4045852
Selenium(IV) Uptake by Maghemite (γ -Fe₂O₃)
Norbert Jordan,* Aline Ritter, Andreas C. Scheinost,* Stephan Weiss, Dieter Schild, and René Hübner


1675  [dx.doi.org/10.1021/es4046428](https://doi.org/10.1021/es4046428)
Heterogeneous Ice Nucleation on Simulated Secondary Organic Aerosol
Gregory P. Schill, David O. De Haan, and Margaret A. Tolbert*


1683  [dx.doi.org/10.1021/es4047389](https://doi.org/10.1021/es4047389)
Stable U(IV) Complexes Form at High-Affinity Mineral Surface Sites
Drew E. Latta,* Bhoopesh Mishra, Russell E. Cook, Kenneth M. Kemner, and Maxim I. Boyanov*


1692 [dx.doi.org/10.1021/es404771d](https://doi.org/10.1021/es404771d)
Products and Mechanism of the Reactions of OH Radicals and Cl Atoms with Methyl Methacrylate (CH₂=C(CH₃)C(O)OCH₃) in the Presence of NO_x
María B. Blanco, Iustinian Bejan, Ian Barnes, Peter Wiesen, and Mariano A. Teruel*

1700  [dx.doi.org/10.1021/es405110t](https://doi.org/10.1021/es405110t)
Atmospheric Chemical Reactions of Monoethanolamine Initiated by OH Radical: Mechanistic and Kinetic Study
Hong-Bin Xie, Chao Li, Ning He, Cheng Wang, Shaowen Zhang, and Jingwen Chen*


Environmental Modeling

1707  [dx.doi.org/10.1021/es404473e](https://doi.org/10.1021/es404473e)
Arctic Ocean: Is It a Sink or a Source of Atmospheric Mercury?
Ashu P. Dastoor* and Dorothy A. Burnford

1718  [dx.doi.org/10.1021/es402704n](https://doi.org/10.1021/es402704n)
Source Identification of PM_{2.5} in Steubenville, Ohio Using a Hybrid Method for Highly Time-Resolved Data
Ram Vedantham, Matthew S. Landis,* David Olson, and Joseph Patrick Pancras


1727  [dx.doi.org/10.1021/es404110f](https://doi.org/10.1021/es404110f)
Global Mercury Emissions from Combustion in Light of International Fuel Trading
Yilin Chen, Rong Wang, Huizhong Shen, Wei Li, Han Chen, Ye Huang, Yanyan Zhang, Yuanchen Chen, Shu Su, Nan Lin, Junfeng Liu, Bengang Li, Xilong Wang, Wenxin Liu, Raymond M. Coveney Jr., and Shu Tao*


1736  [dx.doi.org/10.1021/es4040528](https://doi.org/10.1021/es4040528)
An LUR/BME Framework to Estimate PM_{2.5} Explained by on Road Mobile and Stationary Sources
Jeanette M. Reyes and Marc L. Serre*


1745  [dx.doi.org/10.1021/es404224j](https://doi.org/10.1021/es404224j)
Effect of Subgrid Heterogeneity on Scaling Geochemical and Biogeochemical Reactions: A Case of U(VI) Desorption
Chongxuan Liu,* Jianying Shang, Huimei Shan, and John M. Zachara


1753  [dx.doi.org/10.1021/es404557e](https://doi.org/10.1021/es404557e)
Chromium(III) Complexation to Natural Organic Matter: Mechanisms and Modeling
Jon Petter Gustafsson,* Ingmar Persson, Aidin Geranmayeh Oromieh, Joris W. J. van Schaik, Carin Sjöstedt, and Dan Berggren Kleja

Environmental Measurements Methods


1762  [dx.doi.org/10.1021/es4031358](https://doi.org/10.1021/es4031358)
Novel Environmental Analytical System based on Combined Biodegradation and Photoelectrocatalytic Detection Principles for Rapid Determination of Organic Pollutants in Wastewaters
Changyu Liu, Huijun Zhao,* Zhuo Ma, Taicheng An, Chang Liu, Limin Zhao, Daming Yong, Jianbo Jia, Xuehua Li, and Shaojun Dong*


1769  [dx.doi.org/10.1021/es403511a](https://doi.org/10.1021/es403511a)
Universal Quantifier Derived from AFM Analysis Links Cellular Mechanical Properties and Cell–Surface Integration Forces with Microbial Deposition and Transport Behavior
Yueyun Li, Xin Wang, Annalisa Onnis-Hayden, Kai-tak Wan, and April Z. Gu*


1779  [dx.doi.org/10.1021/es403578b](https://doi.org/10.1021/es403578b)
Comparison of Particle Mass and Solid Particle Number (SPN) Emissions from a Heavy-Duty Diesel Vehicle under On-Road Driving Conditions and a Standard Testing Cycle
Zhongqing Zheng, Thomas D. Durbin, Jian Xue, Kent C. Johnson, Yang Li, Shaohua Hu, Tao Huai, Alberto Ayala, David B. Kittelson, and Heejung S. Jung*


1787  [dx.doi.org/10.1021/es403843t](https://doi.org/10.1021/es403843t)
Night-Time Ground Hyperspectral Imaging for Urban-Scale Remote Sensing of Ambient PM—M₀dal Concentrations Retrieval
Yael Etzion, Tsafir Kolatt, Maxim Shoshany, and David M. Broday*

1795 [dx.doi.org/10.1021/es404126z](https://doi.org/10.1021/es404126z)
A Novel Fast Ion Chromatographic Method for the Analysis of Fluoride in Antarctic Snow and Ice
Mirko Severi,* Silvia Becagli, Daniele Frosini, Miriam Marconi, Rita Traversi, and Roberto Udisti

1803  [dx.doi.org/10.1021/es404206y](https://doi.org/10.1021/es404206y)
Submersible Optical Sensors Exposed to Chemically Dispersed Crude Oil: Wave Tank Simulations for Improved Oil Spill Monitoring
Robyn N. Conmy,* Paula G. Coble, James Farr, A. Michelle Wood, Kenneth Lee, W. Scott Pegau, Ian D. Walsh, Corey R. Koch, Mary I. Abercrombie, M. Scott Miles, Marlon R. Lewis, Scott A. Ryan, Brian J. Robinson, Thomas L. King, Christopher R. Kelble, and Jordanna Lacoste


1811  dx.doi.org/10.1021/es4044374
Strategies to Characterize Polar Organic Contamination in Wastewater: Exploring the Capability of High Resolution Mass Spectrometry
Emma L. Schymanski, Heinz P. Singer, Philipp Longrée, Martin Loos, Matthias Ruff, Michael A. Stravs, Cristina Ripollés Vidal, and Juliane Hollender*


1819  dx.doi.org/10.1021/es404734p
Environmental Conditions Influence eDNA Persistence in Aquatic Systems
Matthew A. Barnes,* Cameron R. Turner, Christopher L. Jerde, Mark A. Renshaw, W. Lindsay Chadderton, and David M. Lodge


1828  dx.doi.org/10.1021/es405075g
Identification of Tobacco-Specific Nitrosamines as Disinfection Byproducts in Chloraminated Water
Minghuo Wu, Yichao Qian, Jessica M. Boyd, Shannon Leavey, Steve E. Hruddy, Stuart W. Krasner, and Xing-Fang Li*


Remediation and Control Technologies


1835  dx.doi.org/10.1021/es403335g
In Situ Sequestration of Hydrophobic Organic Contaminants in Sediments under Stagnant Contact with Activated Carbon. 1. Column Studies
Yongju Choi, Yeo-Myoung Cho, and Richard G. Luthy*


1843  dx.doi.org/10.1021/es404209v
In Situ Sequestration of Hydrophobic Organic Contaminants in Sediments under Stagnant Contact with Activated Carbon. 2. Mass Transfer Modeling
Yongju Choi, Yeo-Myoung Cho, David Werner, and Richard G. Luthy*


1851  dx.doi.org/10.1021/es403582f
Bioaugmentation with Distinct *Dehalobacter* Strains Achieves Chloroform Detoxification in Microcosms
Shandra D. Justicia-Leon, Steven Higgins, E. Erin Mack, Daniel R. Griffiths, Shuiquan Tang, Elizabeth A. Edwards, and Frank E. Löffler*


1859  dx.doi.org/10.1021/es4036094
The Roles of Reactive Species in Micropollutant Degradation in the UV/Free Chlorine System
Jingyun Fang,* Yun Fu, and Chii Shang*

1869  dx.doi.org/10.1021/es403838t
The Use of Alkaline Hydrolysis As a Novel Strategy for Chloroform Remediation: The Feasibility of Using Construction Wastes and Evaluation of Carbon Isotopic Fractionation
Clara Torrentó,* Carme Audi-Miró, Geneviève Bordeleau, Massimo Marchesi, Mònica Rosell, Neus Otero, and Albert Soler

1878  dx.doi.org/10.1021/es4038929
Growing Rice Aerobically Markedly Decreases Mercury Accumulation by Reducing Both Hg Bioavailability and the Production of MeHg
Xun Wang, Zhihong Ye,* Bing Li, Linan Huang, Mei Meng, Jianbo Shi,* and Guibin Jiang

1886  dx.doi.org/10.1021/es404277w
Crystallization Control for Remediation of an Fe₂O₃-Rich CaO–SiO₂–Al₂O₃–MgO EAF Waste Slag
Sung Suk Jung and Il Sohn*


1893  dx.doi.org/10.1021/es404411p
Electrochemical Conversion of Micropollutants in Gray Water
Andrii Butkovskiy,* Adriaan W. Jeremiasse, Lucia Hernandez Leal, Ton van der Zande, Huub Rijnaarts, and Grietje Zeeman


1902  dx.doi.org/10.1021/es4048126
Key Role of Persistent Free Radicals in Hydrogen Peroxide Activation by Biochar: Implications to Organic Contaminant Degradation
Guodong Fang, Juan Gao, Cun Liu, Dionysios D. Dionysiou, Yu Wang, and Dongmei Zhou*


Sustainability Engineering and Green Chemistry

1911  dx.doi.org/10.1021/es4047654
Life Cycle Water Consumption and Wastewater Generation Impacts of a Marcellus Shale Gas Well
Mohan Jiang, Chris T. Hendrickson,* and Jeanne M. VanBriesen

Ecotoxicology and Human Environmental Health

1921  dx.doi.org/10.1021/es4045105
Linking Diatom Sensitivity to Herbicides to Phylogeny: A Step Forward for Biomonitoring?
Floriane Larras, François Keck, Bernard Montuelle, Frédéric Rimet, and Agnès Bouchez*

1931  dx.doi.org/10.1021/es403661a
Urinary Pyrethroid and Chlorpyrifos Metabolite Concentrations in Northern California Families and Their Relationship to Indoor Residential Insecticide Levels, Part of the Study of Use of Products and Exposure Related Behavior (SUPERB)
Kelly J. Trunelle,* Deborah H. Bennett, Nicole S. Tulve, Matthew Scott Clifton, Mark D. Davis, Antonia M. Calafat, Rebecca Moran, Daniel J. Tancredi, and Irva Hertz-Picciotto

1940  dx.doi.org/10.1021/es403899t
Benchmarking Organic Micropollutants in Wastewater, Recycled Water and Drinking Water with In Vitro Bioassays
Beate I. Escher,* Mayumi Allinson, Rolf Altenburger, Peter A. Bain, Patrick Balaguer, Wibke Busch, Jordan Crago, Nancy D. Denslow, Elke Dopp, Klara Hilscherova, Andrew R. Humpage, Anu Kumar, Marina Grimaldi, B. Sumith Jayasinghe, Barbora Jarosova, Ai Jia, Sergei Makarov, Keith A. Maruya, Alex Medvedev, Alvine C. Mehinto, Jamie E. Mendez, Anita Poulsen, Erik Prochazka, Jessica Richard, Andrea Schifferli, Daniel Schlenk, Stefan Scholz, Fujio Shiraiishi, Shane Snyder, Guanyong Su, Janet Y. M. Tang, Bart van der Burg, Sander C. van der Linden, Inge Werner, Sandy D. Westerheide, Chris K. C. Wong, Min Yang, Bonnie H. Y. Yeung, Xiaowei Zhang, and Frederic D. L. Leusch

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Tracing Maternal Transfer of Methylmercury in the Sheepshead Minnow (*Cyprinodon variegatus*) with an Enriched Mercury Stable Isotope
Emily S. Stefansson, Andrew Heyes,* and Christopher L. Rowe

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In Silico Analysis of the Conservation of Human Toxicity and Endocrine Disruption Targets in Aquatic Species
Fiona M. McRobb, Virginia Sahagún, Irina Kufareva, and Ruben Abagyan*

1973 dx.doi.org/10.1021/es4046023
Tracking and Quantification of Single-Walled Carbon Nanotubes in Fish Using Near Infrared Fluorescence
Joseph H. Bisesi Jr., Jonathan Merten, Keira Liu, Ashley N. Parks, A. R. M. Nabiul Afrooz, J. Brad Glenn, Stephen J. Klaine, Andrew S. Kane, Navid B. Saleh, P. Lee Ferguson, and Tara Sabo-Attwood*

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Cell Rescue by Nanosequestration: Reduced Cytotoxicity of An Environmental Remediation Residue, Mg(OH)₂ Nanoflake/Cr(VI) Adduct
Ruinan Zhang, Xiaohong Pan, Fei Li, Lin Zhang, Shumei Zhai, Qingxin Mu, Jingfu Liu, Guangbo Qu, Guibin Jiang, and Bing Yan*

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Contaminant Levels in Gulf of Mexico Reef Fish after the Deepwater Horizon Oil Spill As Measured by a Fishermen-Led Testing Program
Timothy P. Fitzgerald* and Julia M. Gohlke

Energy and the Environment

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Performance or Marketing Benefits? The Case of LEED Certification
Daniel C. Matisoff,* Douglas S. Noonan, and Anna M. Mazzolini

2008 dx.doi.org/10.1021/es403682n
In Situ Spatially and Temporally Resolved Measurements of Salt Concentration between Charging Porous Electrodes for Desalination by Capacitive Deionization
Matthew E. Suss, P.M. Biesheuvel, Theodore F. Baumann, Michael Stadermann, and Juan G. Santiago*

2016 dx.doi.org/10.1021/es405653x
Synergies of Wind Power and Electrified Space Heating: Case Study for Beijing
Xinyu Chen, Xi Lu,* Michael B. McElroy, Chris P. Nielsen, and Chongqing Kang

2025 dx.doi.org/10.1021/es404135j
Supported Polytertiary Amines: Highly Efficient and Selective SO₂ Adsorbents
Ritesh Tailor, Mohamed Abboud, and Abdelhamid Sayari*

2035 dx.doi.org/10.1021/es404075k
Molecular Simulation of Carbon Dioxide, Brine, and Clay Mineral Interactions and Determination of Contact Angles
Craig M. Tenney* and Randall T. Cygan

2043 dx.doi.org/10.1021/es405687m
Vehicle Engines Produce Exhaust Nanoparticles Even When Not Fueled
Topi Rönkkö,* Liisa Pirjola, Leonidas Ntziachristos, Juha Heikkilä, Panu Karjalainen, Risto Hillamo, and Jorma Keskinen

2051 dx.doi.org/10.1021/es404474x
Natural Gas Pipeline Leaks Across Washington, DC
Robert B. Jackson,* Adrian Down, Nathan G. Phillips, Robert C. Ackley, Charles W. Cook, Desiree L. Plata, and Kaiguang Zhao

2059 dx.doi.org/10.1021/es4046814
Electrochemical Production of Hydrogen Coupled with the Oxidation of Arsenite
Jungwon Kim, Daejung Kwon, Kitae Kim, and Michael R. Hoffmann*

2067 dx.doi.org/10.1021/es404884p
Ultrafine Particle Removal and Ozone Generation by In-Duct Electrostatic Precipitators
Dustin G. Poppendieck,* Donghyun Rim, and Andrew K. Persily

2075 dx.doi.org/10.1021/es405029y
Enhanced Activated Carbon Cathode Performance for Microbial Fuel Cell by Blending Carbon Black
Xiaoyuan Zhang, Xue Xia, Ivan Ivanov, Xia Huang, and Bruce E. Logan*

Correspondence

2082 dx.doi.org/10.1021/es404971u
Comment on "Changes in Droplet Surface Tension Affect the Observed Hygroscopicity of Photochemically Aged Biomass Burning Aerosol"
Tomi Raatikainen* and Ari Laaksonen

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Correction to Will Nicaragua's Interoceanic Canal Result in an Environmental Catastrophe for Central America?

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