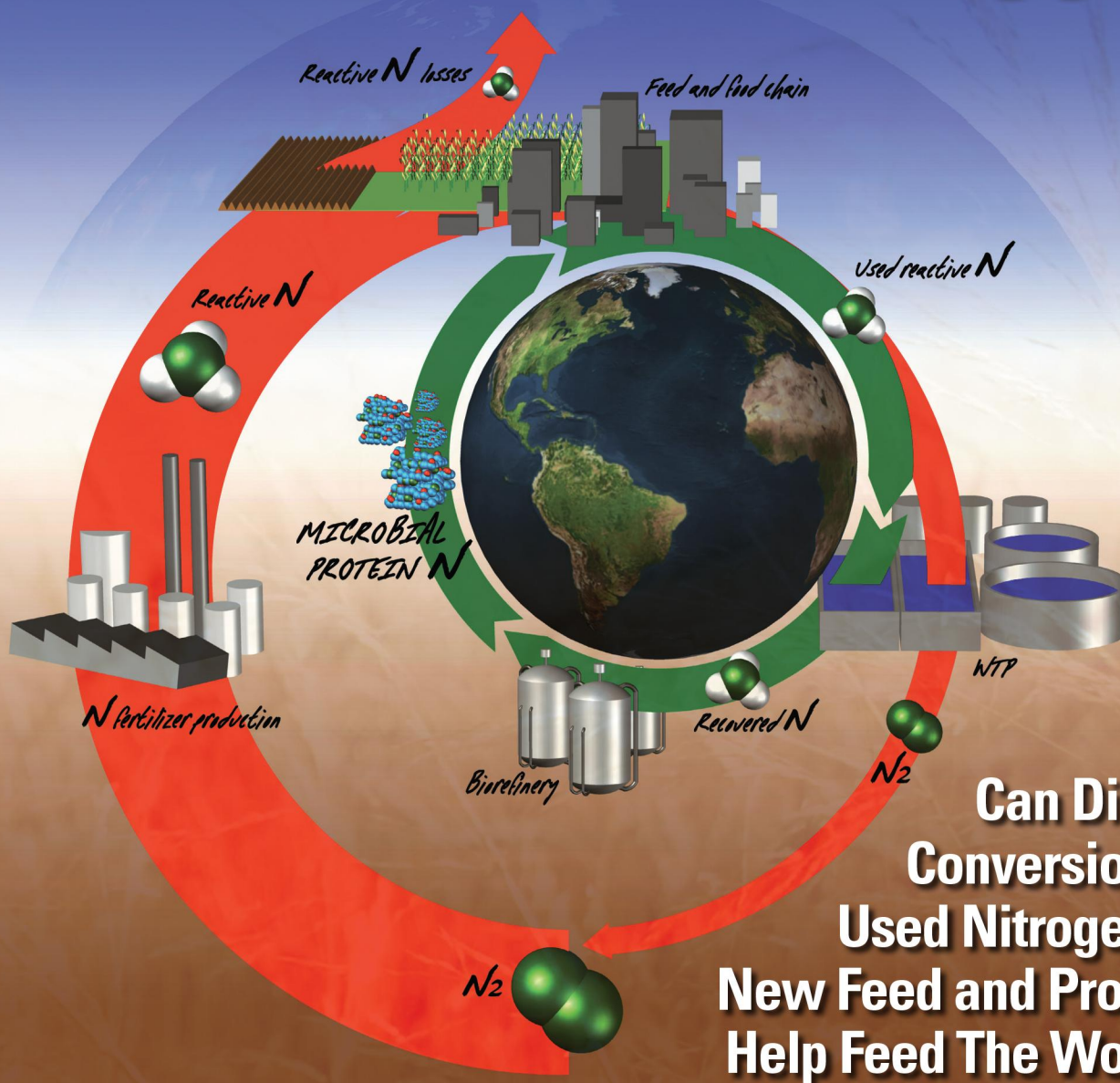


ENVIRONMENTAL Science & Technology

May 5, 2015
Volume 49
Number 9
pubs.acs.org/est



ACS Publications
Most Trusted. Most Cited. Most Read.

www.acs.org

Content

- 1. Can Direct Conversion of Used Nitrogen to New Feed and Protein Help Feed the World?**
Silvio Matassa, Damien J. Batstone, Tim Hülsen, Jerald Schnoor, and Willy Verstraete
Environmental Science & Technology 2015 49 (9), 5247-5254
DOI: 10.1021/es505432w
- 2. Reliance on Technical Solutions to Environmental Problems: Caution Is Needed**
Patrick Moriarty and Damon Honnery
Environmental Science & Technology 2015 49 (9), 5255-5256
DOI: 10.1021/acs.est.5b01235
- 3. Antibiotic Stewardship Should Consider Environmental Fate of Antibiotics**
Emma J. Rosi-Marshall and John J. Kelly
Environmental Science & Technology 2015 49 (9), 5257-5258
DOI: 10.1021/acs.est.5b01519
- 4. What Exactly Are You Filtering Out?**
Chun Kiat Ng and Bin Cao
Environmental Science & Technology 2015 49 (9), 5259-5260
DOI: 10.1021/acs.est.5b01704
- 5. New Look at BTEX: Are Ambient Levels a Problem?**
Ashley L. Bolden, Carol F. Kwiatkowski, and Theo Colborn
Environmental Science & Technology 2015 49 (9), 5261-5276
DOI: 10.1021/es505316f
- 6. Cellulose Nanomaterials in Water Treatment Technologies**
Alexis Wells Carpenter, Charles-François de Lannoy, and Mark R. Wiesner
Environmental Science & Technology 2015 49 (9), 5277-5287
DOI: 10.1021/es506351r
- 7. Removal of Natural Estrogens and Their Conjugates in Municipal Wastewater Treatment Plants: A Critical Review**
Ze-hua Liu, Gui-ning Lu, Hua Yin, Zhi Dang, and Bruce Rittmann
Environmental Science & Technology 2015 49 (9), 5288-5300
DOI: 10.1021/acs.est.5b00399
- 8. A Bayesian Network for Assessing the Collision Induced Risk of an Oil Accident in the Gulf of Finland**
Annukka Lehtikoinen, Maria Hänninen, Jenni Storgård, Emilia Luoma, Samu Mäntyniemi, and Sakari Kuikka
Environmental Science & Technology 2015 49 (9), 5301-5309
DOI: 10.1021/es501777g
- 9. Rethinking the Area of Protection “Natural Resources” in Life Cycle Assessment**
Jo Dewulf, Lorenzo Benini, Lucia Mancini, Serenella Sala, Gian Andrea Blengini, Fulvio Ardente, Marco Recchioni, Joachim Maes, Rana Pant, and David Pennington
Environmental Science & Technology 2015 49 (9), 5310-5317
DOI: 10.1021/acs.est.5b00734

- 10. Emissions Reductions from Expanding State-Level Renewable Portfolio Standards**
Jeremiah X. Johnson and Joshua Novacheck
Environmental Science & Technology **2015** *49* (9), 5318-5325
DOI: 10.1021/es506123e
- 11. Impacts of the Minamata Convention on Mercury Emissions and Global Deposition from Coal-Fired Power Generation in Asia**
Amanda Giang, Leah C. Stokes, David G. Streets, Elizabeth S. Corbitt, and Noelle E. Selin
Environmental Science & Technology **2015** *49* (9), 5326-5335
DOI: 10.1021/acs.est.5b00074
- 12. Improving Environmental Risk Assessment of Human Pharmaceuticals**
Marlene Ågerstrand, Cecilia Berg, Berndt Björleinius, Magnus Breitholtz, Björn Brunström, Jerker Fick, Lina Gunnarsson, D. G. Joakim Larsson, John P. Sumpter, Mats Tysklind, and Christina Rudén
Environmental Science & Technology **2015** *49* (9), 5336-5345
DOI: 10.1021/acs.est.5b00302
- 13. Coupled Effects of Hydrodynamics and Biogeochemistry on Zn Mobility and Speciation in Highly Contaminated Sediments**
Minwei Xie, Brooke A. Jarrett, Cécile Da Silva-Cadoux, Kyle J. Fetters, G. Allen Burton, Jr., Jean-François Gaillard, and Aaron I. Packman
Environmental Science & Technology **2015** *49* (9), 5346-5353
DOI: 10.1021/acs.est.5b00416
- 14. Air–Seawater Exchange of Organochlorine Pesticides along the Sediment Plume of a Large Contaminated River**
Tian Lin, Zhigang Guo, Yuanyuan Li, Luca Nizzetto, Chuanliang Ma, and Yingjun Chen
Environmental Science & Technology **2015** *49* (9), 5354-5362
DOI: 10.1021/es505084j
- 15. Deposition of Mercury in Forests along a Montane Elevation Gradient**
Bradley D. Blackwell and Charles T. Driscoll
Environmental Science & Technology **2015** *49* (9), 5363-5370
DOI: 10.1021/es505928w
- 16. Variations of Flame Retardant, Polycyclic Aromatic Hydrocarbon, and Pesticide Concentrations in Chicago’s Atmosphere Measured using Passive Sampling**
Angela A. Pevery, Yuning Ma, Marta Venier, Zachary Rodenburg, Scott N. Spak, Keri C. Hornbuckle, and Ronald A. Hites
Environmental Science & Technology **2015** *49* (9), 5371-5379
DOI: 10.1021/acs.est.5b00216
- 17. Impacts of Discarded Plastic Bags on Marine Assemblages and Ecosystem Functioning**
Dannielle Senga Green, Bas Boots, David James Blockley, Carlos Rocha, and Richard Thompson
Environmental Science & Technology **2015** *49* (9), 5380-5389
DOI: 10.1021/acs.est.5b00277
- 18. Thallium Speciation and Extractability in a Thallium- and Arsenic-Rich Soil Developed from Mineralized Carbonate Rock**
Andreas Voegelin, Numa Pfenninger, Julia Petrikis, Juraj Majzlan, Michael Plötze, Anna-Caterina Senn, Stefan Mangold, Ralph Steininger, and Jörg Göttlicher
Environmental Science & Technology **2015** *49* (9), 5390-5398
DOI: 10.1021/acs.est.5b00629
- 19. Tracking the Fate of Mercury in the Fish and Bottom Sediments of Minamata Bay, Japan, Using Stable Mercury Isotopes**
Steven J. Balogh, Martin Tsz-Ki Tsui, Joel D. Blum, Akito Matsuyama, Glenn E. Woerndle, Shinichiro Yano, and Akihide Tada
Environmental Science & Technology **2015** *49* (9), 5399-5406
DOI: 10.1021/acs.est.5b00631

20. Photochemical Aging of Secondary Organic Aerosols Generated from the Photooxidation of Polycyclic Aromatic Hydrocarbons in the Gas-Phase

Matthieu Riva, Ellis S. Robinson, Emilie Perraudin, Neil M. Donahue, and Eric Villenave
Environmental Science & Technology 2015 49 (9), 5407-5416
DOI: 10.1021/acs.est.5b00442

21. Impact of Joule Heating and pH on Biosolids Electro-Dewatering

Tala Navab-Daneshmand, Raphaël Beton, Reghan J. Hill, and Dominic Frigon
Environmental Science & Technology 2015 49 (9), 5417-5424
DOI: 10.1021/es5048254

22. Coupling between Pentachlorophenol Dechlorination and Soil Redox As Revealed by Stable Carbon Isotope, Microbial Community Structure, and Biogeochemical Data

Yan Xu, Yan He, Qian Zhang, Jianming Xu, and David Crowley
Environmental Science & Technology 2015 49 (9), 5425-5433
DOI: 10.1021/es505040c

23. Rapid Removal of Atmospheric CO₂ by Urban Soils

Carla-Leanne Washbourne, Elisa Lopez-Capel, Phil Renforth, Philippa L. Ascough, and David A. C. Manning
Environmental Science & Technology 2015 49 (9), 5434-5440
DOI: 10.1021/es505476d

24. Electron Transfer Budgets and Kinetics of Abiotic Oxidation and Incorporation of Aqueous Sulfide by Dissolved Organic Matter

Zhi-Guo Yu, Stefan Peiffer, Jörg Göttlicher, and Klaus-Holger Knorr
Environmental Science & Technology 2015 49 (9), 5441-5449
DOI: 10.1021/es505531u

25. Behavior and Fate of Halloysite Nanotubes (HNTs) When Incinerating PA6/HNTs Nanocomposite

G. Ounoughene, O. Le Bihan, C. Chivas-Joly, C. Motzkus, C. Longuet, B. Debray, A. Joubert, L. Le Coq, and J.-M. Lopez-Cuesta
Environmental Science & Technology 2015 49 (9), 5450-5457
DOI: 10.1021/es505674j

26. Enhanced Biofilm Production by a Toluene-Degrading Rhodococcus Observed after Exposure to Perfluoroalkyl Acids

Tess S. Weathers, Christopher P. Higgins, and Jonathan O. Sharp
Environmental Science & Technology 2015 49 (9), 5458-5466
DOI: 10.1021/es5060034

27. Dual Mechanism Conceptual Model for Cr Isotope Fractionation during Reduction by Zerovalent Iron under Saturated Flow Conditions

Julia H. Jamieson-Hanes, Richard T. Amos, David W. Blowes, and Carol J. Ptacek
Environmental Science & Technology 2015 49 (9), 5467-5475
DOI: 10.1021/es506223a

28. Enhanced Colloidal Stability of CeO₂ Nanoparticles by Ferrous Ions: Adsorption, Redox Reaction, and Surface Precipitation

Xuyang Liu, Jessica R. Ray, Chelsea W. Neil, Qingyun Li, and Young-Shin Jun
Environmental Science & Technology 2015 49 (9), 5476-5483
DOI: 10.1021/es506363x

29. Interactions of Microorganisms with Polymer Nanocomposite Surfaces Containing Oxidized Carbon Nanotubes

David G. Goodwin, Jr., K. M. Marsh, I. B. Sosa, J. B. Payne, J. M. Gorham, E. J. Bouwer, and D. H. Fairbrother
Environmental Science & Technology 2015 49 (9), 5484-5492
DOI: 10.1021/acs.est.5b00084

30. Biological Redox Cycling of Iron in Nontronite and Its Potential Application in Nitrate Removal

Linduo Zhao, Hailiang Dong, Ravi K. Kukkadapu, Qiang Zeng, Richard E. Edelman, Martin Pentrák, and Abinash Agrawal

Environmental Science & Technology 2015 49 (9), 5493-5501

DOI: 10.1021/acs.est.5b00131

31. Exposure of *Microcystis aeruginosa* to Hydrogen Peroxide under Light: Kinetic Modeling of Cell Rupture and Simultaneous Microcystin Degradation

Xiangchen Huo, De-Wei Chang, Jing-Hua Tseng, Michael D. Burch, and Tsair-Fuh Lin

Environmental Science & Technology 2015 49 (9), 5502-5510

DOI: 10.1021/acs.est.5b00170

32. Enhanced Indirect Photochemical Transformation of Histidine and Histamine through Association with Chromophoric Dissolved Organic Matter

Chiheng Chu, Rachel A. Lundeen, Christina K. Remucal, Michael Sander, and Kristopher McNeill

Environmental Science & Technology 2015 49 (9), 5511-5519

DOI: 10.1021/acs.est.5b00466

33. Estimation of Polycyclic Aromatic Hydrocarbon Variability in Air Using High Volume, Film, and Vegetation as Samplers

Elisa Terzaghi, Marco Scacchi, Bruno Cerabolini, Kevin C. Jones, and Antonio Di Guardo

Environmental Science & Technology 2015 49 (9), 5520-5528

DOI: 10.1021/es5056929

34. Kinetics of Substrate Biodegradation under the Cumulative Effects of Bioavailability and Self-Inhibition

Mehdi Gharasoo, Florian Centler, Philippe Van Cappellen, Lukas Y. Wick, and Martin Thullner

Environmental Science & Technology 2015 49 (9), 5529-5537

DOI: 10.1021/es505837v

35. Predicting Storage–Lipid Water Partitioning of Organic Solutes from Molecular Structure

Anett Geisler, Luise Oemisch, Satoshi Endo, and Kai-Uwe Goss

Environmental Science & Technology 2015 49 (9), 5538-5545

DOI: 10.1021/es506336m

36. Dynamic Material Flow Modeling: An Effort to Calibrate and Validate Aluminum Stocks and Flows in Austria

Hanno Buchner, David Laner, Helmut Rechberger, and Johann Fellner

Environmental Science & Technology 2015 49 (9), 5546-5554

DOI: 10.1021/acs.est.5b00408

37. Determining Particulate Matter and Black Carbon Exfiltration Estimates for Traditional Cookstove Use in Rural Nepalese Village Households

Sutyajeet I. Soneja, James M. Tielsch, Frank C. Curriero, Benjamin Zaitchik, Subarna K. Khatri,

Beizhan Yan, Steven N. Chillrud, and Patrick N. Breyse

Environmental Science & Technology 2015 49 (9), 5555-5562

DOI: 10.1021/es505565d

38. Wastewater Analysis to Monitor Spatial and Temporal Patterns of Use of Two Synthetic Recreational Drugs, Ketamine and Mephedrone, in Italy

Sara Castiglioni, Andrea Borsotti, Ivan Senta, and Ettore Zuccato

Environmental Science & Technology 2015 49 (9), 5563-5570

DOI: 10.1021/es5060429

39. Real-Time Analysis of Ambient Organic Aerosols Using Aerosol Flowing Atmospheric-Pressure Afterglow Mass Spectrometry (AeroFAPA-MS)

Martin Brüggemann, Einar Karu, Torsten Stelzer, and Thorsten Hoffmann

Environmental Science & Technology 2015 49 (9), 5571-5578

DOI: 10.1021/es506186c

- 40. MALDI-MS Imaging Analysis of Fungicide Residue Distributions on Wheat Leaf Surfaces**
Suresh P. Annangudi, Kyung Myung, Cruz Avila Adame, and Jeffrey R. Gilbert
Environmental Science & Technology **2015** 49 (9), 5579-5583
DOI: 10.1021/es506334y
- 41. PAH Measurements in Air in the Athabasca Oil Sands Region**
Yu-Mei Hsu, Tom Harner, Henrik Li, and Phil Fellin
Environmental Science & Technology **2015** 49 (9), 5584-5592
DOI: 10.1021/acs.est.5b00178
- 42. Monitoring the Injection of Microscale Zerovalent Iron Particles for Groundwater Remediation by Means of Complex Electrical Conductivity Imaging**
Adrián Flores Orozco, Milica Velimirovic, Tiziana Tosco, Andreas Kemna, Hans Sapion, Norbert Klaas, Rajandrea Sethi, and Leen Bastiaens
Environmental Science & Technology **2015** 49 (9), 5593-5600
DOI: 10.1021/acs.est.5b00208
- 43. Droplet Digital Polymerase Chain Reaction (PCR) Outperforms Real-Time PCR in the Detection of Environmental DNA from an Invasive Fish Species**
Hideyuki Doi, Teruhiko Takahara, Toshifumi Minamoto, Saeko Matsushashi, Kimiko Uchii, and Hiroki Yamanaka
Environmental Science & Technology **2015** 49 (9), 5601-5608
DOI: 10.1021/acs.est.5b00253
- 44. A Novel DNA Biosensor Using a Ferrocenyl Intercalator Applied to the Potential Detection of Human Population Biomarkers in Wastewater**
Zhugen Yang, Marc Anglès d'Auriac, Sean Goggins, Barbara Kasprzyk-Hordern, Kevin V. Thomas, Christopher G. Frost, and Pedro Estrela
Environmental Science & Technology **2015** 49 (9), 5609-5617
DOI: 10.1021/acs.est.5b00637
- 45. Measuring Particulate Emissions of Light Duty Passenger Vehicles Using Integrated Particle Size Distribution (IPSD)**
David C. Quiros, Sherry Zhang, Satya Sardar, Michael A. Kamboures, David Eiges, Mang Zhang, Heejung S. Jung, Michael J. Mccarthy, M.-C. Oliver Chang, Alberto Ayala, Yifang Zhu, Tao Huai, and Shaohua Hu
Environmental Science & Technology **2015** 49 (9), 5618-5627
DOI: 10.1021/acs.est.5b00666
- 46. Life Cycle Assessment of a Novel Closed-Containment Salmon Aquaculture Technology**
Keegan P. McGrath, Nathan L. Pelletier, and Peter H. Tyedmers
Environmental Science & Technology **2015** 49 (9), 5628-5636
DOI: 10.1021/es5051138
- 47. Integrating Tunable Anion Exchange with Reverse Osmosis for Enhanced Recovery During Inland Brackish Water Desalination**
Ryan C. Smith and Arup K. SenGupta
Environmental Science & Technology **2015** 49 (9), 5637-5644
DOI: 10.1021/es505439p
- 48. Manipulation of Persistent Free Radicals in Biochar To Activate Persulfate for Contaminant Degradation**
Guodong Fang, Cun Liu, Juan Gao, Dionysios D. Dionysiou, and Dongmei Zhou
Environmental Science & Technology **2015** 49 (9), 5645-5653
DOI: 10.1021/es5061512
- 49. Synthesis of Core–Shell Magnetic Fe₃O₄@poly(m-Phenylenediamine) Particles for Chromium Reduction and Adsorption**
Ting Wang, Liyuan Zhang, Chaofang Li, Weichun Yang, Tingting Song, Chongjian Tang, Yun Meng, Shuo Dai, Haiying Wang, Liyuan Chai, and Jian Luo

Environmental Science & Technology 2015 49 (9), 5654-5662

DOI: 10.1021/es5061275

50. Electrokinetic Control of Bacterial Deposition and Transport

Jinyi Qin, Xiaohui Sun, Yang Liu, Tom Berthold, Hauke Harms, and Lukas Y. Wick

Environmental Science & Technology 2015 49 (9), 5663-5671

DOI: 10.1021/es506245y

51. Effectiveness and Mechanisms of Defluorination of Perfluorinated Alkyl Substances by Calcium Compounds during Waste Thermal Treatment

Fei Wang, Xingwen Lu, Xiao-yan Li, and Kaimin Shih

Environmental Science & Technology 2015 49 (9), 5672-5680

DOI: 10.1021/es506234b

52. Biotransformation and Degradation of the Insensitive Munitions Compound, 3-Nitro-1,2,4-triazol-5-one, by Soil Bacterial Communities

Mark J. Krzmarzick, Raju Khatiwada, Christopher I. Olivares, Leif Abrell, Reyes Sierra-Alvarez, Jon Chorover, and James A. Field

Environmental Science & Technology 2015 49 (9), 5681-5688

DOI: 10.1021/acs.est.5b00511

53. A New Mechanism in Electrochemical Process for Arsenic Oxidation: Production of H₂O₂ from Anodic O₂ Reduction on the Cathode under Automatically Developed Alkaline Conditions

Ao Qian, Songhu Yuan, Peng Zhang, and Man Tong

Environmental Science & Technology 2015 49 (9), 5689-5696

DOI: 10.1021/acs.est.5b00808

54. Nonaqueous System of Iron-Based Ionic Liquid and DMF for the Oxidation of Hydrogen Sulfide and Regeneration by Electrolysis

Zhihui Guo, Tingting Zhang, Tiantian Liu, Jun Du, Bing Jia, Shujing Gao, and Jiang Yu

Environmental Science & Technology 2015 49 (9), 5697-5703

DOI: 10.1021/es505728f

55. The Global Anthropogenic Gallium System: Determinants of Demand, Supply and Efficiency Improvements

Amund N. Løvik, Eliette Restrepo, and Daniel B. Müller

Environmental Science & Technology 2015 49 (9), 5704-5712

DOI: 10.1021/acs.est.5b00320

56. Polycyclic Aromatic Acids Are Primary Metabolites of Alkyl-PAHs—A Case Study with *Nereis diversicolor*

Linus M. V. Malmquist, Henriette Selck, Kåre B. Jørgensen, and Jan H. Christensen

Environmental Science & Technology 2015 49 (9), 5713-5721

DOI: 10.1021/acs.est.5b01453

57. Isomer-Specific Binding Affinity of Perfluorooctanesulfonate (PFOS) and Perfluorooctanoate (PFOA) to Serum Proteins

Sanjay Beesoon and Jonathan W. Martin

Environmental Science & Technology 2015 49 (9), 5722-5731

DOI: 10.1021/es505399w

58. Dioxins and Nonortho PCBs in Breast Milk of Vietnamese Mothers Living in the Largest Hot Spot of Dioxin Contamination

Tran Ngoc Nghi, Muneko Nishijo, Ho Dung Manh, Pham The Tai, Hoang Van Luong, Tran Hai Anh, Pham Ngoc Thao, Nguyen Viet Trung, Tomoo Waseda, Hideaki Nakagawa, Teruhiko Kido, and Hisao Nishijo

Environmental Science & Technology 2015 49 (9), 5732-5742

DOI: 10.1021/es506211p

59. In Vitro Assessment of Endocrine Disrupting Potential of Naphthenic Acid Fractions Derived from Oil Sands-Influenced Water

Liane A. Leclair, Lani Pohler, Steve B. Wiseman, Yuhe He, Collin J. Arens, John P. Giesy, Stephen Scully, Brian D. Wagner, Michael R. van den Heuvel, and Natacha S. Hogan

Environmental Science & Technology 2015 49 (9), 5743-5752

DOI: 10.1021/acs.est.5b00077

60. Species Sensitivity Distributions for Engineered Nanomaterials

Kendra L. Garner, Sangwon Suh, Hunter S. Lenihan, and Arturo A. Keller

Environmental Science & Technology 2015 49 (9), 5753-5759

DOI: 10.1021/acs.est.5b00081

61. Copper Oxide and Zinc Oxide Nanomaterials Act as Inhibitors of Multidrug Resistance Transport in Sea Urchin Embryos: Their Role as Chemosensitizers

Bing Wu, Cristina Torres-Duarte, Bryan J. Cole, and Gary N. Cherr

Environmental Science & Technology 2015 49 (9), 5760-5770

DOI: 10.1021/acs.est.5b00345

62. Distinguishing Effects of Ultraviolet Exposure and Chlorination on the Horizontal Transfer of Antibiotic Resistance Genes in Municipal Wastewater

Mei-Ting Guo, Qing-Bin Yuan, and Jian Yang

Environmental Science & Technology 2015 49 (9), 5771-5778

DOI: 10.1021/acs.est.5b00644

63. Bacteria-Mediated Effects of Antibiotics on Daphnia Nutrition

Elena Gorokhova, Claudia Rivetti, Sara Furuhausen, Anna Edlund, Karin Ek, and Magnus Breitholtz

Environmental Science & Technology 2015 49 (9), 5779-5787

DOI: 10.1021/acs.est.5b00833

64. Can Producing Oil Store Carbon? Greenhouse Gas Footprint of CO₂ EOR, Offshore North Sea

R. Jamie Stewart and R. Stuart Haszeldine

Environmental Science & Technology 2015 49 (9), 5788-5795

DOI: 10.1021/es504600q

65. Occurrences and Behaviors of Naphthenic Acids in a Petroleum Refinery Wastewater Treatment Plant

Beili Wang, Yi Wan, Yingxin Gao, Guomao Zheng, Min Yang, Song Wu, and Jianying Hu

Environmental Science & Technology 2015 49 (9), 5796-5804

DOI: 10.1021/es505809g

66. Impact of Bioenergy Production on Ecosystem Dynamics and Services—A Case Study on U.K. Heathlands

Elias Martinez-Hernandez, Matthew Leach, and Aidong Yang

Environmental Science & Technology 2015 49 (9), 5805-5812

DOI: 10.1021/es505702j

67. Emissions and Cost Implications of Controlled Electric Vehicle Charging in the U.S. PJM Interconnection

Allison Weis, Jeremy J. Michalek, Paulina Jaramillo, and Roger Lueken

Environmental Science & Technology 2015 49 (9), 5813-5819

DOI: 10.1021/es505822f

68. Membrane-Based Osmotic Heat Engine with Organic Solvent for Enhanced Power Generation from Low-Grade Heat

Evyatar Shaulsky, Chanhee Boo, Shihong Lin, and Menachem Elimelech

Environmental Science & Technology 2015 49 (9), 5820-5827

DOI: 10.1021/es506347j

69. High-Yield and Selective Photoelectrocatalytic Reduction of CO₂ to Formate by Metallic Copper Decorated Co₃O₄ Nanotube Arrays

Qi Shen, Zuofeng Chen, Xiaofeng Huang, Meichuan Liu, and Guohua Zhao

Environmental Science & Technology 2015 49 (9), 5828-5835

DOI: 10.1021/acs.est.5b00066

70. Comment on “Enhanced Elimination of Perfluorooctanesulfonic Acid by Menstruating Women: Evidence from Population-Based Pharmacokinetic Modeling”

Marc-André Verner and Matthew P. Longnecker
Environmental Science & Technology **2015** *49* (9), 5836-5837
DOI: 10.1021/acs.est.5b00187

71. Response to Comment on “Enhanced Elimination of Perfluorooctane Sulfonic Acid by Menstruating Women: Evidence from Population-based Pharmacokinetic Modeling”

Fiona Wong, Matthew MacLeod, Jochen F. Mueller, and Ian T. Cousins
Environmental Science & Technology **2015** *49* (9), 5838-5839
DOI: 10.1021/acs.est.5b00981

72. Correction to Methane Concentrations in Water Wells Unrelated to Proximity to Existing Oil and Gas Wells in Northeastern Pennsylvania

Donald I. Siegel, Nicholas A. Azzolina, Bert J. Smith, A. Elizabeth Perry, and Rikka L. Bothun
Environmental Science & Technology **2015** *49* (9), 5840-5840
DOI: 10.1021/acs.est.5b01800

73. Correction to Spectrophotometric Calibration of pH Electrodes in Seawater Using Purified m-Cresol Purple

Regina A. Easley and Robert H. Byrne
Environmental Science & Technology **2015** *49* (9), 5841-5841
DOI: 10.1021/acs.est.5b01226