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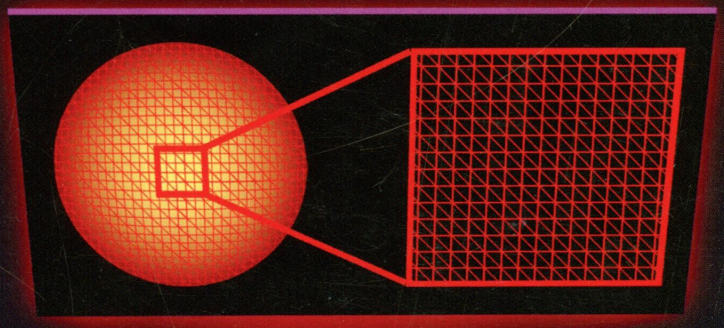
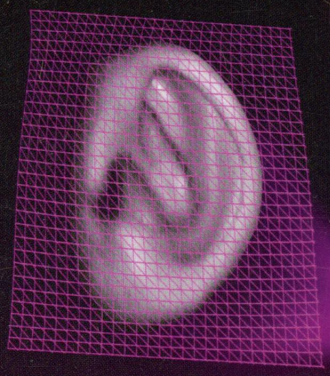
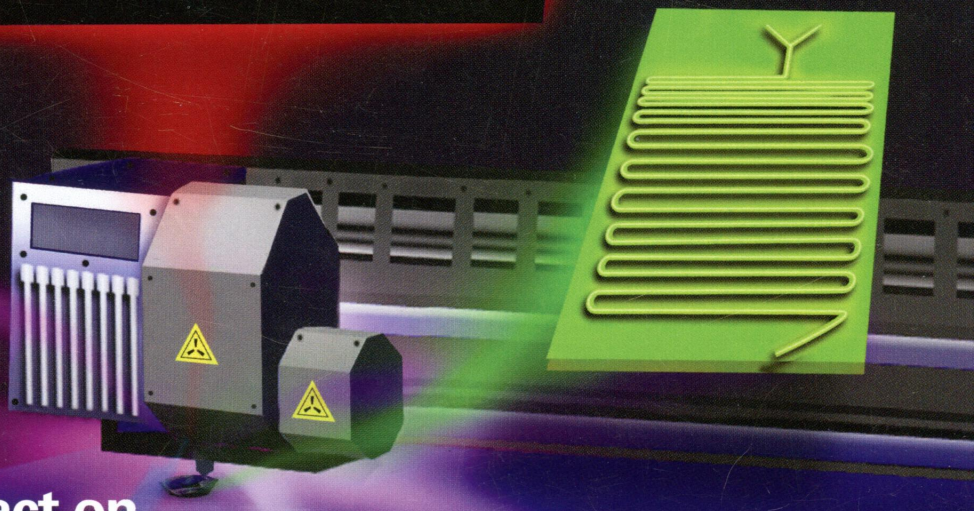
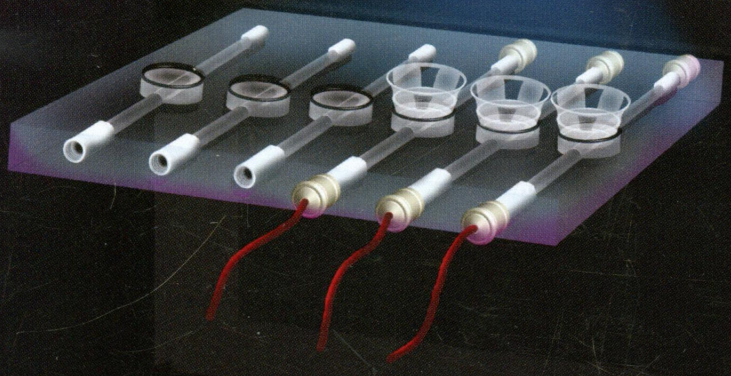
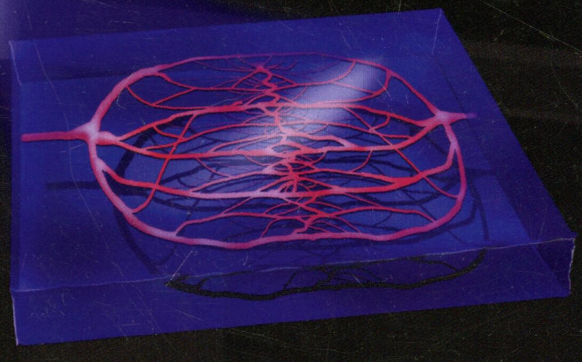






Evaluation of 3D Printing and Its Potential Impact on Biotechnology and the Chemical Sciences





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ON THE COVER: A 3D-printer translates information from a stereolithographic file into structures for various applications including organic reactionware, microvascular development, microfluidics, and tissue engineering. Cover art created by Robert Gates.

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3239 dx.doi.org/10.1021/ac5008464
Publish Only Your Original Research
Jonathan V. Sweedler

Features

3240 dx.doi.org/10.1021/ac403397r
Evaluation of 3D Printing and Its Potential Impact on Biotechnology and the Chemical Sciences
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3254 dx.doi.org/10.1021/ac5001509
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3263 S dx.doi.org/10.1021/ac500060c
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3268 S dx.doi.org/10.1021/ac500619z
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3273 S dx.doi.org/10.1021/ac5001527

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3279 S dx.doi.org/10.1021/ac404244v

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3284 S dx.doi.org/10.1021/ac500351d

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3291 S dx.doi.org/10.1021/ac403349c

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3300 S dx.doi.org/10.1021/ac4032737

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3308 S dx.doi.org/10.1021/ac403278t

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3317 dx.doi.org/10.1021/ac403337j

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3323 S dx.doi.org/10.1021/ac4035136

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3330 dx.doi.org/10.1021/ac4033966
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3338 dx.doi.org/10.1021/ac403409q
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3346 dx.doi.org/10.1021/ac4034664
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3355 dx.doi.org/10.1021/ac4035218
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3365 dx.doi.org/10.1021/ac403547b
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3373 dx.doi.org/10.1021/ac4035955
Development of a Method to Extract and Purify Target Compounds from Medicinal Plants in a Single Step: Online Hyphenation of Expanded Bed Adsorption Chromatography and Countercurrent Chromatography
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3380 dx.doi.org/10.1021/ac403627g
Polymeric Microchip for the Simultaneous Determination of Anions and Cations by Hydrodynamic Injection Using a Dual-Channel Sequential Injection Microchip Electrophoresis System
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3389 dx.doi.org/10.1021/ac4036718
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3397 dx.doi.org/10.1021/ac403700u
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3405 S dx.doi.org/10.1021/ac403775a
Capabilities of Single Particle Inductively Coupled Plasma Mass Spectrometry for the Size Measurement of Nanoparticles: A Case Study on Gold Nanoparticles
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3415 dx.doi.org/10.1021/ac500220r
Mass Spectrometry Imaging: An Expeditious and Powerful Technique for Fast *in Situ* Lignin Assessment in *Eucalyptus*
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3420 dx.doi.org/10.1021/ac403860c
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3426 S dx.doi.org/10.1021/ac500336f
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3435 S dx.doi.org/10.1021/ac403905h
TracMass 2—A Modular Suite of Tools for Processing Chromatography-Full Scan Mass Spectrometry Data
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3443 S dx.doi.org/10.1021/ac403924w
Imaging of Distribution of Topically Applied Drug Molecules in Mouse Skin by Combination of Time-of-Flight Secondary Ion Mass Spectrometry and Scanning Electron Microscopy
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3453 S dx.doi.org/10.1021/ac403926r
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3461 S dx.doi.org/10.1021/ac4040373
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3468 S dx.doi.org/10.1021/ac404130a
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3476 dx.doi.org/10.1021/ac404000d
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3484 dx.doi.org/10.1021/ac404071v
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3493 dx.doi.org/10.1021/ac404106u
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3508 dx.doi.org/10.1021/ac404150d
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3525 dx.doi.org/10.1021/ac404188g
Dissecting the Insect Metabolic Machinery Using Twin Ion Mass Spectrometry: A Single P450 Enzyme Metabolizing the Insecticide Imidacloprid *in Vivo*
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3533 dx.doi.org/10.1021/ac404240n
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3541 dx.doi.org/10.1021/ac404245z
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3548 dx.doi.org/10.1021/ac5000015
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3555 dx.doi.org/10.1021/ac5000224
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3563 dx.doi.org/10.1021/ac500101t
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3568 dx.doi.org/10.1021/ac500109y
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3575 dx.doi.org/10.1021/ac5001477
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3585 dx.doi.org/10.1021/ac500153a
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3594 dx.doi.org/10.1021/ac500140s
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3602 dx.doi.org/10.1021/ac500173d
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3610 dx.doi.org/10.1021/ac5002096
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3616 dx.doi.org/10.1021/ac500230p
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3625 dx.doi.org/10.1021/ac500242a
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3633 dx.doi.org/10.1021/ac500305j
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3639 dx.doi.org/10.1021/ac5003118
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3667 dx.doi.org/10.1021/ac500476a
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3676 dx.doi.org/10.1021/ac500590d
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3682 dx.doi.org/10.1021/ac500788e

Correction to Label-free Capacitive Diagnostics: Exploiting Local Redox Probe State Occupancy

Joshua Lehr, George C. Hobhouse, Flávio C. Bedatty Fernandes, Paulo R. Bueno,* and Jason J. Davis

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