

# Polystyrenes

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- [Lateral displacement as a function of particle size using a piecewise curved planar interdigitated electrode array.](#)  
*We describe the lateral displacement of a particle passing over a planar...* 18th November, 2009  
School of Nano Engineering, Inje University, Obang-dong, Gimhae, GyongNam,- Lab Chip. 2009 Oct 21;9(20):2958-64. Epub 2009 Aug 5. ([DOI Direct Link](#))
- [Acoustic tweezers: patterning cells and microparticles using standing surface acoustic waves \(SSAW\).](#)  
*Here we present an active patterning technique named "acoustic tweezers"...* 18th November, 2009  
Department of Engineering Science and Mechanics, The Pennsylvania State- Lab Chip. 2009 Oct 21;9(20):2890-5. Epub 2009 Aug 5. ([DOI Direct Link](#))
- [How an improved immunoassay sensitivity can be achieved by gamma irradiation: modification, application and characterization of polystyrene surface for anti HIV-1 ELISA.](#)  
*Polystyrene microtitre plates modified by (60)Co gamma-ray irradiation...* 18th November, 2009  
Biological Engineering Department, Xiangtan University, Xiangtan, P. R.- J Immunoassay Immunochem. 2009;30(4):457-66. ([DOI Direct Link](#))
- [Nanodoublers as deep imaging markers for multi-photon microscopy.](#)  
*We demonstrate the possibility to excite second-harmonic (SH) active...* 17th November, 2009  
Universite de Geneve, GAP-Biophotonics, 20 rue de l'Ecole de Medecine,- Opt Express. 2009 Aug 17;17(17):15342-9.
- [Acoustic levitator for structure measurements on low temperature liquid droplets.](#)  
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- [Combined holographic-mechanical optical tweezers: construction, optimization, and calibration.](#)  
*A spatial light modulator (SLM) and a pair of galvanometer-mounted mirrors...* 5th November, 2009  
Condensed Matter Physics Laboratory, Heinrich-Heine University, 40225- Rev Sci Instrum. 2009 Aug;80(8):083703. ([DOI Direct Link](#))
- [The fabrication of nanopatterns with Au nanoparticles-embedded micelles via nanoimprint lithography.](#)  
*We fabricated nanopatterns with Au nanoparticles-embedded micelles...* 22nd October, 2009  
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- [Conformation-related exciton localization and charge-pair formation in polythiophenes: ensemble and single-molecule study.](#)  
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Department of Organic and Polymeric Materials, Tokyo Institute of- J Phys Chem B. 2009 Sep 10;113(36):12220-6. ([DOI Direct Link](#))

- [Fabrication of patterned polystyrene nanotube arrays in an anodic aluminum oxide template by photolithography and the multiwetting mechanism.](#)  
*Patterned polystyrene (PS) nanotube arrays were successfully fabricated...*17th October, 2009  
Institute of Polymer Materials, Qingdao University, No. 308 Ningxia Road,- J Phys Chem B. 2009 Sep 10;113(36):12227-30. ([DOI Direct Link](#))
- [Phase measurements of barrier crossings in a periodically modulated double-well potential.](#)  
*We report on the experimental observation of the phase angle of a particle...*14th October, 2009  
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- [Osteoblast mechanoresponses on Ti with different surface topographies.](#)  
*During implant healing, mechanical force is transmitted to osteogenic...*9th October, 2009  
Laboratory of Bone and Implant Sciences, Weintraub Center for- J Dent Res. 2009 Sep;88(9):812-6. ([DOI Direct Link](#))
- [Colonic necrosis due to sodium polystyrene sulfate \(Kayexalate\).](#)  
*Chiral isotactic polystyrenes induce the enantioselective addition of...*9th October, 2009  
Division of Nephrology and Hypertension, Department of Medicine, School of- Am J Emerg Med. 2009 Jul;27(6):753.e1-2. ([DOI Direct Link](#))
- [Interaction of a cationic gemini surfactant with DNA and with sodium poly\(styrene sulphonate\) at the air/water interface: a neutron reflectometry study.](#)  
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Physical and Theoretical Chemistry Laboratory, University of Oxford, South- Langmuir. 2009 Apr 7;25(7):4027-35.
- [Interfacial structure and melting temperature of alcohol and alkane molecules in contact with polystyrene films.](#)  
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- [Discrimination of cryptochirality in chiral isotactic polystyrene by asymmetric autocatalysis.](#)  
*Chiral isotactic polystyrenes induce the enantioselective addition of...*16th September, 2009  
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## Polystyrenes Patents:



- 7605207- [Flame retardant bromobenzyl systems](#)
- 7611756- [Process for coating particles for generative rapid prototyping](#)
- 7611811- [Imaging member](#)
- 7611812- [Use of salts of layered double hydroxides as charge control agents](#)
- 7611813- [Toner and image forming method](#)
- 7611815- [External additive for toner for electrophotography, toner for electrophotography, double-component developer for electrophotography, image-forming process using the toner, and image-forming apparatus using the toner](#)

- 7611855- [Immunoassay method and kit to be used therein](#)
- 7612058- [Methods for inhibiting sterol absorption](#)
- 7612112- [Methods of treatment using a gastric retained gabapentin dosage](#)
- 7612130- [Composition of polyester, aromatic epoxy compound and epoxy-functional polyolefin and/or copolyester](#)
- 7612146- [Polymeric compositions and uses therefor](#)
- 7611271- [Efficient light injector](#)
- 7609448- [Light diffuser plate](#)
- 7608598- [Use of lipid conjugates in the treatment of conjunctivitis](#)
- 7605220- [Curing composition](#)
- 7605221- [Weatherable, thermostable polymers having improved flow composition](#)
- 7605894- [Phase difference control component having columnar material](#)
- 7607192- [Cleaning implement, cleaning system comprising a cleaning implement, and method for cleaning hard surfaces](#)
- 7607555- [Puncturable cap and piercer](#)
- 7607814- [Backlight with symmetric wedge shaped light guide input portion with specular reflective surfaces](#)
- 7607829- [Resonance tag with temperature sensor](#)
- 7608306- [Method for the production of anti-statically coated moulded body](#)
- 7608312- [Printed antifog film](#)
- 7608581- [Biofunctional, antimicrobial coatings for medical devices](#)
- 7612152- [Self-healing polymers](#)
- 7612155- [Film forming composition, insulating film formed by use of the composition, and electronic device](#)
- 7618709- [Fluorescent articles having multiple film layers](#)
- 7618710- [Fluorescent articles having multiple film layers](#)
- 7618757- [Imaging member having first and second charge transport layers](#)
- 7618758- [Silanol containing perylene photoconductors](#)
- 7618912- [Preparation of supported catalyst systems](#)
- 7619019- [Low bake melamine cured coating compositions](#)
- 7619036- [Copolymers of fluorinated polydienes and sulfonated polystyrene](#)
- 7619267- [Solid-state imaging device](#)
- 7619522- [Radio frequency animal tracking system](#)
- 7619803- [Electrochromic display element and full-color electrochromic display element](#)
- 7618646- [Matrix, cell implant and method for their production and use](#)
- 7618592- [Detachable engageable microarray plate liner](#)
- 7618576- [Microfluidic array devices and methods of manufacture thereof](#)
- 7612176- [Polymer-based sustained release device](#)
- 7615150- [Separation agent for separating optical isomer and method for preparation thereof](#)
- 7615277- [Formation method of metal layer on resin layer, printed wiring board, and production method thereof](#)
- 7615323- [Lithographic printing plate precursors with oligomeric or polymeric sensitizers](#)
- 7615600- [Fluoropolymers and membranes prepared from such polymers, in particular for fuel cells and method for synthesizing such polymers](#)
- 7615601- [Process for production of living radical polymers and polymers](#)
- 7616185- [Image display medium, image display device, and image display method](#)
- 7616380- [Optical part and projection type display apparatus using same](#)
- 7618403- [Fluid management device with fluid transport element for use within a body](#)
- 7618451- [Patient selectable joint arthroplasty devices and surgical tools facilitating increased accuracy, speed and simplicity in performing total and partial joint arthroplasty](#)
- 7619948- [Timepiece dial and timepiece](#)

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