# GÃ¶zde Ä°nce

List of Publications by Year
in descending order



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|---|---|---|---|
| 52 papers | 2,037 citations | 257450 24 h-index | 233421 45 g-index |
| 53 all docs | 53 docs citations | 53 times ranked | 2328 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Encapsulation of interdigitated electrodes by PTFE coatings via closed batch initiated chemical vapor deposition. Vacuum, 2022, 195, 110691. | 3.5 | 5 |
| 2 | Dual stimuli-responsive nanocarriers via a facile batch emulsion method for controlled release of Rose Bengal. Journal of Drug Delivery Science and Technology, 2022, 74, 103547. | 3.0 | 2 |
| 3 | Vapor phase synthesis of ferroelectric microislands on PVDF thin films. Nanotechnology, 2021, 32, 435601. | 2.6 | 1 |
| 4 | Editorial: One- and Two-Dimensional Nanostructures for Drug Delivery Applications. Frontiers in Bioengineering and Biotechnology, 2021, 9, 782615. | 4.1 | 0 |
| 5 | Fabrication of 3D Bone Scaffolds Functionalized With Spatiotemporal Release of BMP-2 Growth Factor via iCVD to Enhance Osteoregeneration. , 2020, , . | | 0 |
| 6 | Fabrication and Analysis of Surface Functionalized Porous PCL-nHA Scaffolds With P(HEMA-co-EGDMA) Hydrogel via iCVD and BMP-2 Release Simulation. , 2020, , . | | 0 |
| 7 | Multifunctional one-dimensional polymeric nanostructures for drug delivery and biosensor applications. Nanotechnology, 2019, 30, 412001. | 2.6 | 19 |
| 8 | Electrospun Nanofibers With pH-Responsive Coatings for Control of Release Kinetics. Frontiers in Bioengineering and Biotechnology, 2019, 7, 309. | 4.1 | 30 |
| 9 | Protein gating by vapor deposited Janus membranes. Journal of Membrane Science, 2019, 575, 126-134. | 8.2 | 21 |
| 10 | Fabrication and characterization of temperature and pH resistant thin film nanocomposite membranes embedded with halloysite nanotubes for dye rejection. Desalination, 2018, 429, 20-32. | 8.2 | 57 |
| 11 | Transfer printing gold nanoparticle arrays by tuning the surface hydrophilicity of thermo-responsive poly N-isopropylacrylamide (pNIPAAm). Nanoscale, 2017, 9, 2969-2973. | 5.6 | 22 |
| 12 | Subcooled flow boiling heat transfer enhancement using polyperfluorodecylacrylate (pPFDA) coated microtubes with different coating thicknesses. Experimental Thermal and Fluid Science, 2017, 86, 130-140. | 2.7 | 10 |
| 13 | Smart membranes with pH-responsive control of macromolecule permeability. Journal of Membrane Science, 2017, 537, 255-262. | 8.2 | 33 |
| 14 | Pool Boiling Heat Transfer Characteristics of Inclined pHEMA-Coated Surfaces. Journal of Heat Transfer, 2017, 139, . | 2.1 | 14 |
| 15 | Cell sheet based bioink for 3D bioprinting applications. Biofabrication, 2017, 9, 024105. | 7.1 | 47 |
| 16 | Synthesis of coaxial nanotubes of polyaniline and poly(hydroxyethyl methacrylate) by oxidative/initiated chemical vapor deposition. Beilstein Journal of Nanotechnology, 2017, 8, 872-882. | 2.8 | 6 |
| 17 | Enhancemet of flow boiling heat transfer in pHEMA/pPFDA coated microtubes with longitudinal variations in wettability. AIP Advances, 2016, 6, 035212. | 1.3 | 10 |
| 18 | An Experimental Study on Flow Boiling Characteristics of pHEMA Nano-Coated Surfaces in a Microchannel. , 2016, , . | | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Lightâ€Driven Unidirectional Liquid Motion on Anisotropic Gold Nanorod Arrays. Advanced Materials Interfaces, 2015, 2, 1500226. | 3.7 | 26 |
| 20 | Permeability of small molecules through vapor deposited polymer membranes. Journal of Applied Polymer Science, 2015, 132, . | 2.6 | 15 |
| 21 | Coaxial nanotubes of stimuli responsive polymers with tunable release kinetics. Soft Matter, 2015, 11, 8069-8075. | 2.7 | 14 |
| 22 | Functional Nanotubes for Triggered Release of Molecules. Nanoscience and Nanotechnology Letters, 2015, 7, 79-83. | 0.4 | 4 |
| 23 | Flow Boiling Enhancement in Microtubes With Crosslinked pHEMA Coatings and the Effect of Coating Thickness. Journal of Heat Transfer, 2014, 136, . | 2.1 | 25 |
| 24 | Initiated Chemical Vapor Deposition and Lightâ€Responsive Crossâ€Linking of Poly(vinyl cinnamate) Thin Films. Macromolecular Rapid Communications, 2014, 35, 1345-1350. | 3.9 | 20 |
| 25 | A facile method for fabrication of responsive micropatterned surfaces. Smart Materials and Structures, 2014, 23, 095020. | 3.5 | 5 |
| 26 | Surface modification of reverse osmosis desalination membranes by thin-film coatings deposited by initiated chemical vapor deposition. Thin Solid Films, 2013, 539, 181-187. | 1.8 | 59 |
| 27 | One-Dimensional Surface-Imprinted Polymeric Nanotubes for Specific Biorecognition by Initiated Chemical Vapor Deposition (iCVD). ACS Applied Materials & Interfaces, 2013, 5, 6447-6452. | 8.0 | 37 |
| 28 | Boiling heat transfer enhancement in mini/microtubes via polyhydroxyethylmethacrylate (pHEMA) coatings on inner microtube walls at high mass fluxes. Journal of Micromechanics and Microengineering, 2013, 23, 115017. | 2.6 | 23 |
| 29 | Flow Boiling Enhancement in Microtubes With Crosslinked pHEMA Coatings. , 2013, , . |  | 0 |
| 30 | CVD of polymeric thin films: applications in sensors, biotechnology, microelectronics/organic electronics, microfluidics, MEMS, composites and membranes. Reports on Progress in Physics, 2012, 75, 016501. | 20.1 | 152 |
| 31 | A stimuli-responsive coaxial nanofilm for burst release. Soft Matter, 2011, 7, 638-643. | 2.7 | 39 |
| 32 | Responsive Microgrooves for the Formation of Harvestable Tissue Constructs. Langmuir, 2011, 27, 5671-5679. | 3.5 | 57 |
| 33 | Surface-Tethered Zwitterionic Ultrathin Antifouling Coatings on Reverse Osmosis Membranes by Initiated Chemical Vapor Deposition. Chemistry of Materials, 2011, 23, 1263-1272. | 6.7 | 244 |
| 34 | Random copolymer films as potential antifouling coatings for reverse osmosis membranes. Desalination and Water Treatment, 2011, 34, 100-105. | 1.0 | 17 |
| 35 | Microworm optode sensors limit particle diffusion to enable in vivo measurements. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2656-2661. | 7.1 | 50 |
| 36 | Chemical Vapor Deposition of Conformal, Functional, and Responsive Polymer Films. Advanced Materials, 2010, 22, 1993-2027. | 21.0 | 329 |

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|---|---|---|---|
| 37 | Tunable Conformality of Polymer Coatings on High Aspect Ratio Features. Chemical Vapor Deposition, 2010, 16, 100-105. | 1.3 | 50 |
| 38 | Singleâ€Chamber Deposition of Multilayer Barriers by Plasma Enhanced and Initiated Chemical Vapor Deposition of Organosilicones. Plasma Processes and Polymers, 2010, 7, 561-570. | 3.0 | 50 |
| 39 | Thermal Stability of Acrylic/Methacrylic Sacrificial Copolymers Fabricated by Initiated Chemical Vapor Deposition. Journal of the Electrochemical Society, 2010, 157, D41. | 2.9 | 15 |
| 40 | Shape Memory Polymer Thin Films Deposited by Initiated Chemical Vapor Deposition. Macromolecules, 2010, 43, 8344-8347. | 4.8 | 11 |
| 41 | Highly swellable free-standing hydrogel nanotube forests. Soft Matter, 2010, 6, 1635. | 2.7 | 55 |
| 42 | Transition between kinetic and mass transfer regimes in the initiated chemical vapor deposition from ethylene glycol diacrylate. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2009, 27, 1135-1143. | 2.1 | 81 |
| 43 | <i>In situ</i>x-ray studies of native and Mo-seeded surface nanostructuring during ion bombardment of Si(100). Journal of Physics Condensed Matter, 2009, 21, 224008. | 1.8 | 41 |
| 44 | Flexible Cross-Linked Organosilicon Thin Films by Initiated Chemical Vapor Deposition. Macromolecules, 2009, 42, 8138-8145. | 4.8 | 30 |
| 45 | Effects of Mo seeding on the formation of Si nanodots during low-energy ion bombardment. Journal of Vacuum Science & Technology B, 2008, 26, 551-558. | 1.3 | 64 |
| 46 | Mechanisms of pattern formation and smoothing induced by ion-beam erosion. Physical Review B, 2008, 78, . | 3.2 | 30 |
| 47 | Transition behavior of surface morphology evolution of Si(100) during low-energy normal-incidence Ar+ ion bombardment. Journal of Applied Physics, 2008, 103, . | 2.5 | 17 |
| 48 | Wavelength tunability of ion-bombardment-induced ripples on sapphire. Physical Review B, 2007, 75, . | 3.2 | 42 |
| 49 | Real-time X-ray studies of the growth of Mo-seeded Si nanodots by low-energy ion bombardment. Nuclear Instruments & Methods in Physics Research B, 2007, 264, 47-54. | 1.4 | 12 |
| 50 | Real-time synchrotron x-ray studies of low- and high-temperature nitridation ofc-plane sapphire. Physical Review B, 2006, 74, . | 3.2 | 13 |
| 51 | Real-time x-ray studies of gallium adsorption and desorption. Journal of Applied Physics, 2006, 100, 084307. | 2.5 | 6 |
| 52 | Real-time x-ray studies of Mo-seeded Si nanodot formation during ion bombardment. Applied Physics Letters, 2005, 87, 163104. | 3.3 | 126 |