Fatih Buyukserin

List of Publications by Year in descending order

32 papers	1,067 citations	430874 18 h-index	454955 30 g-index
32 all docs	32 docs citations	32 times ranked	1762 citing authors

#	Article	IF	Citations
1	Nanopillared Chitosan/Gelatin Films: A Biomimetic Approach for Improved Osteogenesis. ACS Biomaterials Science and Engineering, 2019, 5, 4311-4322.	5.2	20
2	The use of anodized alumina molds for the fabrication of polymer nanopillar arrays as SERS substrates with tunable properties. Vibrational Spectroscopy, 2019, 104, 102965.	2.2	4
3	Surface-enhanced Raman spectroscopy (SERS): an adventure from plasmonic metals to organic semiconductors as SERS platforms. Journal of Materials Chemistry C, 2018, 6, 5314-5335.	5.5	206
4	Fabrication of nanocrater-decorated anodic aluminum oxide membranes as substrates for reproducibly enhanced SERS signals. Sensors and Actuators B: Chemical, 2018, 255, 2871-2877.	7.8	27
5	Fabrication of thioflavinâ€<scp>T</scp>â€modified nanopillared <scp>SERS</scp> substrates for ultrasensitive betaâ€amyloid peptide detection. Journal of Raman Spectroscopy, 2018, 49, 1247-1256.	2.5	21
6	Protein-releasing conductive anodized alumina membranes for nerve-interface materials. Materials Science and Engineering C, 2016, 67, 590-598.	7.3	11
7	Investigation of Ferricinium Stability Inside the Constrained Geometry of Gold Nanotube Membranes via the Utilization of Argon Plasma. Electrochimica Acta, 2016, 188, 619-624.	5.2	1
8	Fabrication and modification of composite silica nano test tubes for targeted drug delivery. RSC Advances, 2014, 4, 23535-23539.	3.6	9
9	Anemone-like nanostructures for non-lithographic, reproducible, large-area, and ultra-sensitive SERS substrates. Nanoscale, 2014, 6, 12710-12717.	5.6	17
10	Fabrication and characterization of conductive anodic aluminum oxide substrates. Applied Surface Science, 2014, 318, 290-296.	6.1	13
11	Soft biomimetic tapered nanostructures for large-area antireflective surfaces and SERS sensing. Journal of Materials Chemistry C, 2013, 1, 7842.	5.5	44
12	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
13	Nanoporous Polymeric Nanofibers Based on Selectively Etched PS-b-PDMS Block Copolymers. ACS Applied Materials & Interfaces, 2012, 4, 280-285.	8.0	20
14	One-pot facile synthesis of PEGylated Au nanoparticles in an aqueous media. Materials Chemistry and Physics, 2012, 134, 1153-1159.	4.0	6
15	Surface-Induced Self-Assembly of Dipeptides onto Nanotextured Surfaces. Langmuir, 2011, 27, 12533-12538.	3.5	30
16	Thermoresponsive oligo(ethylene glycol) methacrylate colloids with antifouling surface properties. Journal of Polymer Science Part A, 2011, 49, 4800-4808.	2.3	8
17	Novel antifouling oligo(ethylene glycol) methacrylate particles via surfactant-free emulsion polymerization. Journal of Colloid and Interface Science, 2011, 355, 76-80.	9.4	8
18	Room temperature large-area nanoimprinting for broadband biomimetic antireflection surfaces. Applied Physics Letters, 2011, 99, .	3.3	36

#	Article	IF	Citations
19	The use of Reactive Ion Etching for obtaining â€œfreeâ€•silica nano test tubes. Applied Surface Science, 2010, 256, 7700-7705.	6.1	16
20	Size controlled synthesis of sub-100 nm monodisperse poly(methylmethacrylate) nanoparticles using surfactant-free emulsion polymerization. Journal of Colloid and Interface Science, 2010, 344, 528-532.	9.4	94
21	Fine-tuning of functional poly(methylmethacrylate) nanoparticle size at the sub-100nm scale using surfactant-free emulsion polymerization. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 366, 141-146.	4.7	17
22	Fabrication of Polymeric Nanorods Using Bilayer Nanoimprint Lithography. Small, 2009, 5, 1632-1636.	10.0	41
23	Imprinted large-scale high density polymer nanopillars for organic solar cells. Journal of Vacuum Science & Technology B, 2008, 26, 2562-2566.	1.3	97
24	Antibody-functionalized nano test tubes target breast cancer cells. Nanomedicine, 2008, 3, 283-292.	3.3	22
25	Resistive-pulse detection of short dsDNAs using a chemically functionalized conical nanopore sensor. Nanomedicine, 2008, 3, 787-796.	3.3	37
26	Lithographically Defined Si Nanowire Field Effect Transistors for Biochemical Sensing. , 2008, , .		0
27	Biofunctionalization and Capping of Template Synthesized Nanotubes. Journal of Nanoscience and Nanotechnology, 2007, 7, 2211-2221.	0.9	15
28	Plasma-Etched Nanopore Polymer Films and Their Use as Templates to Prepare â€œNano Test Tubesâ€• Small, 2007, 3, 106-110.	10.0	21
29	Electroactive Nanotube Membranes and Redox-Gating. Small, 2007, 3, 266-270.	10.0	25
30	Template synthesized nanotubes for biomedical delivery applications. Nanomedicine, 2006, 1, 39-50.	3.3	71
31	Corking Nano Test Tubes by Chemical Self-Assembly. Journal of the American Chemical Society, 2006, 128, 4236-4237.	13.7	92
32	Fabrication of template-synthesized uniform gel nanorods for responsive drug delivery applications. MRS Communications, 0, , 1.	1.8	1