

Fatih Buyukserin

List of Publications by Year in descending order

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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	Surface-enhanced Raman spectroscopy (SERS): an adventure from plasmonic metals to organic semiconductors as SERS platforms. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5314-5335.	5.5	206
2	Imprinted large-scale high density polymer nanopillars for organic solar cells. <i>Journal of Vacuum Science & Technology B</i> , 2008, 26, 2562-2566.	1.3	97
3	Size controlled synthesis of sub-100 nm monodisperse poly(methylmethacrylate) nanoparticles using surfactant-free emulsion polymerization. <i>Journal of Colloid and Interface Science</i> , 2010, 344, 528-532.	9.4	94
4	Corking Nano Test Tubes by Chemical Self-Assembly. <i>Journal of the American Chemical Society</i> , 2006, 128, 4236-4237.	13.7	92
5	Template synthesized nanotubes for biomedical delivery applications. <i>Nanomedicine</i> , 2006, 1, 39-50.	3.3	71
6	Soft biomimetic tapered nanostructures for large-area antireflective surfaces and SERS sensing. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7842.	5.5	44
7	Fabrication of Polymeric Nanorods Using Bilayer Nanoimprint Lithography. <i>Small</i> , 2009, 5, 1632-1636.	10.0	41
8	Resistive-pulse detection of short dsDNAs using a chemically functionalized conical nanopore sensor. <i>Nanomedicine</i> , 2008, 3, 787-796.	3.3	37
9	One-Dimensional Surface-Imprinted Polymeric Nanotubes for Specific Biorecognition by Initiated Chemical Vapor Deposition (iCVD). <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 6447-6452.	8.0	37
10	Room temperature large-area nanoimprinting for broadband biomimetic antireflection surfaces. <i>Applied Physics Letters</i> , 2011, 99, .	3.3	36
11	Surface-Induced Self-Assembly of Dipeptides onto Nanotextured Surfaces. <i>Langmuir</i> , 2011, 27, 12533-12538.	3.5	30
12	Fabrication of nanocrater-decorated anodic aluminum oxide membranes as substrates for reproducibly enhanced SERS signals. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 2871-2877.	7.8	27
13	Electroactive Nanotube Membranes and Redox-Gating. <i>Small</i> , 2007, 3, 266-270.	10.0	25
14	Antibody-functionalized nano test tubes target breast cancer cells. <i>Nanomedicine</i> , 2008, 3, 283-292.	3.3	22
15	Plasma-Etched Nanopore Polymer Films and Their Use as Templates to Prepare "Nano Test Tubes". <i>Small</i> , 2007, 3, 106-110.	10.0	21
16	Fabrication of thioflavin T-modified nanopillared SERS substrates for ultrasensitive beta-amyloid peptide detection. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 1247-1256.	2.5	21
17	Nanoporous Polymeric Nanofibers Based on Selectively Etched PS- <i>b</i> -PDMS Block Copolymers. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 280-285.	8.0	20
18	Nanopillared Chitosan/Gelatin Films: A Biomimetic Approach for Improved Osteogenesis. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 4311-4322.	5.2	20

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19	Fine-tuning of functional poly(methylmethacrylate) nanoparticle size at the sub-100nm scale using surfactant-free emulsion polymerization. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 366, 141-146.	4.7	17
20	Anemone-like nanostructures for non-lithographic, reproducible, large-area, and ultra-sensitive SERS substrates. <i>Nanoscale</i> , 2014, 6, 12710-12717.	5.6	17
21	The use of Reactive Ion Etching for obtaining "free" silica nano test tubes. <i>Applied Surface Science</i> , 2010, 256, 7700-7705.	6.1	16
22	Biofunctionalization and Capping of Template Synthesized Nanotubes. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 2211-2221.	0.9	15
23	Fabrication and characterization of conductive anodic aluminum oxide substrates. <i>Applied Surface Science</i> , 2014, 318, 290-296.	6.1	13
24	Protein-releasing conductive anodized alumina membranes for nerve-interface materials. <i>Materials Science and Engineering C</i> , 2016, 67, 590-598.	7.3	11
25	Fabrication and modification of composite silica nano test tubes for targeted drug delivery. <i>RSC Advances</i> , 2014, 4, 23535-23539.	3.6	9
26	Thermoresponsive oligo(ethylene glycol) methacrylate colloids with antifouling surface properties. <i>Journal of Polymer Science Part A</i> , 2011, 49, 4800-4808.	2.3	8
27	Novel antifouling oligo(ethylene glycol) methacrylate particles via surfactant-free emulsion polymerization. <i>Journal of Colloid and Interface Science</i> , 2011, 355, 76-80.	9.4	8
28	One-pot facile synthesis of PEGylated Au nanoparticles in an aqueous media. <i>Materials Chemistry and Physics</i> , 2012, 134, 1153-1159.	4.0	6
29	The use of anodized alumina molds for the fabrication of polymer nanopillar arrays as SERS substrates with tunable properties. <i>Vibrational Spectroscopy</i> , 2019, 104, 102965.	2.2	4
30	Investigation of Ferricinium Stability Inside the Constrained Geometry of Gold Nanotube Membranes via the Utilization of Argon Plasma. <i>Electrochimica Acta</i> , 2016, 188, 619-624.	5.2	1
31	Fabrication of template-synthesized uniform gel nanorods for responsive drug delivery applications. <i>MRS Communications</i> , 0, , 1.	1.8	1
32	Lithographically Defined Si Nanowire Field Effect Transistors for Biochemical Sensing. , 2008, , .		0