Amid Shakeri

List of Publications by Year
in descending order

23 papers	605 citations	623734 14 h-index	677142 22 g-index
23 all docs	23 docs citations	23 times ranked	511 citing authors

#	Article	IF	Citations
1	Bio-functionalization of microfluidic platforms made of thermoplastic materials: A review. Analytica Chimica Acta, 2022, 1209, 339283.	5.4	32
2	Producing Fluorine- and Lubricant-Free Flexible Pathogen- and Blood-Repellent Surfaces Using Polysiloxane-Based Hierarchical Structures. ACS Applied Materials & Interfaces, 2022, 14, 3864-3874.	8.0	8
3	Transparent and Highly Flexible Hierarchically Structured Polydimethylsiloxane Surfaces Suppress Bacterial Attachment and Thrombosis Under Static and Dynamic Conditions. Small, 2022, 18, e2108112.	10.0	4
4	LISzyme Biosensors: DNAzymes Embedded in an Anti-biofouling Platform for Hands-free Real-Time Detection of Bacterial Contamination in Milk. ACS Nano, 2022, 16, 29-37.	14.6	20
5	Conventional and emerging strategies for the fabrication and functionalization of PDMS-based microfluidic devices. Lab on A Chip, 2021, 21, 3053-3075.	6.0	112
6	Piezoferroic: Multi-stacked hard/soft Pb(Ti,Zr)O3 films deposited through wet chemical method. Materials Chemistry and Physics, 2021, 267, 124637.	4.0	2
7	Solâ€“gel synthesis of PZT thin films on FTO glass substrates for electro-optic devices. Journal of Sol-Gel Science and Technology, 2020, 93, 623-632.	2.4	10
8	Antibody Micropatterned Lubricantâ€Infused Biosensors Enable Subâ€Picogram Immunofluorescence Detection of Interleukin 6 in Human Whole Plasma. Small, 2020, 16, e2003844.	10.0	26
9	Hierarchical Structures, with Submillimeter Patterns, Micrometer Wrinkles, and Nanoscale Decorations, Suppress Biofouling and Enable Rapid Droplet Digitization. Small, 2020, 16, e2004886.	10.0	15
10	Biofunctionalization of Glassâ€and Paperâ€Based Microfluidic Devices: A Review. Advanced Materials Interfaces, 2019, 6, 1900940.	3.7	33
11	Plasma-induced covalent immobilization and patterning of bioactive species in microfluidic devices. Lab on A Chip, 2019, 19, 3104-3115.	6.0	18
12	Micropatterned biofunctional lubricant-infused surfaces promote selective localized cell adhesion and patterning. Lab on A Chip, 2019, 19, 3228-3237.	6.0	34
13	Biofunctional Lubricant-Infused Vascular Grafts Functionalized with Silanized Bio-Inks Suppress Thrombin Generation and Promote Endothelialization. ACS Biomaterials Science and Engineering, 2019, 5, 6485-6496.	5.2	32
14	Suppression of Biofouling on a Permeable Membrane for Dissolved Oxygen Sensing Using a Lubricant-Infused Coating. ACS Sensors, 2019, 4, 687-693.	7.8	41
15	Structural, electrical, and optical properties of sol-gel-derived zirconium-doped barium titanate thin films on transparent conductive substrates. Journal of Sol-Gel Science and Technology, 2018, 86, 141-150.	2.4	25
16	Fabricating smooth PDMS microfluidic channels from low-resolution 3D printed molds using an omniphobic lubricant-infused coating. Analytica Chimica Acta, 2018, 1000, 248-255.	5.4	88
17	Self-Cleaning Ceramic Tiles Produced via Stable Coating of TiO2 Nanoparticles. Materials, 2018, 11, 1003.	2.9	37
18	Generating 2-dimensional concentration gradients of biomolecules using a simple microfluidic design. Biomicrofluidics, 2017, 11, 044111.	2.4	19

#	Article	IF	Citations
19	Synthesizing nanostructured crack-free thick films of Fe-doped lead zirconate titanate by solâ€“gel dip coating method. Journal of Sol-Gel Science and Technology, 2017, 81, 814-823.	2.4	3
20	Fabrication of Nb-doped lead zirconate titanate thick films synthesized by solâ€“gel dip coating method. Journal of Materials Science: Materials in Electronics, 2016, 27, 5654-5664.	2.2	6
21	Determination of Proper Austenitization Temperatures for Hot Stamping of AISI 4140 Steel. Journal of Materials Engineering and Performance, 2014, 23, 1138-1145.	2.5	9
22	Synthesis and characterization of thick PZT films via solâ€“gel dip coating method. Applied Surface Science, 2014, 314, 711-719.	6.1	23
23	Effects of Calcination Parameters on the Microstructure and Morphology of PZT Nanoparticles Prepared by Modified Solâ€“Gel Method. Advanced Materials Research, 0, 576, 326-329.	0.3	8