

Samira Farsinezhad

List of Publications by Year in descending order

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27
papers

1,037
citations

516215

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552369

26
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all docs

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docs citations

28
times ranked

1703
citing authors

#	ARTICLE	IF	CITATIONS
1	Core-shell titanium dioxide-titanium nitride nanotube arrays with near-infrared plasmon resonances. <i>Nanotechnology</i> , 2018, 29, 154006.	1.3	40
2	All-solution processed, scalable superhydrophobic coatings on stainless steel surfaces based on functionalized discrete titania nanotubes. <i>Chemical Engineering Journal</i> , 2018, 351, 482-489.	6.6	24
3	Radial Heterojunction Solar Cell Consisting of n-Type Rutile Nanowire Arrays Infiltrated by p-Type CdTe. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 5119-5123.	0.9	4
4	Reduced Ensemble Plasmon Line Widths and Enhanced Two-Photon Luminescence in Anodically Formed High Surface Area Au-TiO ₂ 3D Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 740-749.	4.0	23
5	Optical anisotropy in vertically oriented TiO ₂ nanotube arrays. <i>Nanotechnology</i> , 2017, 28, 374001.	1.3	14
6	Plasmon-enhanced SERS detection of small molecules: Au nanoparticle-embedded TiO ₂ nanotubes as high Q-factor sensor substrates. , 2017, , .		0
7	The Morphology of TiO ₂ Nanotube Arrays Grown from Atomically Peened and Non-Atomically Peened Ti Films. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 4936-4945.	0.9	3
8	Effect of phosphonate monolayer adsorbate on the microwave photoresponse of TiO ₂ nanotube membranes mounted on a planar double ring resonator. <i>Nanotechnology</i> , 2016, 27, 375201.	1.3	37
9	Enhanced CH ₄ yield by photocatalytic CO ₂ reduction using TiO ₂ nanotube arrays grafted with Au, Ru, and ZnPd nanoparticles. <i>Nano Research</i> , 2016, 9, 3478-3493.	5.8	126
10	Charge transport, doping and luminescence in solution-processed, phosphorescent, air-stable tellurophene thin films. <i>Organic Electronics</i> , 2016, 39, 153-162.	1.4	10
11	Hierarchical rutile TiO ₂ aggregates: A high photonic strength material for optical and optoelectronic devices. <i>Acta Materialia</i> , 2016, 119, 92-103.	3.8	30
12	Low residual donor concentration and enhanced charge transport in low-cost electrodeposited ZnO. <i>Journal of Materials Chemistry C</i> , 2016, 4, 2279-2283.	2.7	8
13	Mapping stresses in high aspect ratio polysilicon electrical through-wafer interconnects. <i>Journal of Micro/ Nanolithography, MEMS, and MOEMS</i> , 2015, 14, 024001.	1.0	1
14	Rutile phase n- and p-type anodic titania nanotube arrays with square-shaped pore morphologies. <i>Chemical Communications</i> , 2015, 51, 7816-7819.	2.2	37
15	Interfacial band alignment for photocatalytic charge separation in TiO ₂ nanotube arrays coated with CuPt nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 29723-29733.	1.3	72
16	Liquid Sensing Using Active Feedback Assisted Planar Microwave Resonator. <i>IEEE Microwave and Wireless Components Letters</i> , 2015, 25, 621-623.	2.0	71
17	Effect of sol stabilizer on the structure and electronic properties of solution-processed ZnO thin films. <i>RSC Advances</i> , 2015, 5, 87007-87018.	1.7	35
18	Phosphorescence within benzotellurophenes and color tunable tellurophenes under ambient conditions. <i>Chemical Communications</i> , 2015, 51, 5444-5447.	2.2	74

#	ARTICLE	IF	CITATIONS
19	The Wetting Behavior of TiO ₂ Nanotube Arrays With Perfluorinated Surface Functionalization. , 2014, , .		2
20	Majority carrier transport in single crystal rutile nanowire arrays. Physica Status Solidi - Rapid Research Letters, 2014, 8, 512-516.	1.2	16
21	Toward single-step anodic fabrication of monodisperse TiO ₂ nanotube arrays on non-native substrates. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 1113-1121.	0.8	17
22	Anodic Cu ₂ S and CuS nanorod and nanowall arrays: preparation, properties and application in CO ₂ photoreduction. Nanoscale, 2014, 6, 14305-14318.	2.8	132
23	Amphiphobic surfaces from functionalized TiO ₂ nanotube arrays. RSC Advances, 2014, 4, 33587-33598.	1.7	25
24	Transparent Anodic TiO ₂ Nanotube Arrays on Plastic Substrates for Disposable Biosensors and Flexible Electronics. Journal of Nanoscience and Nanotechnology, 2013, 13, 2885-2891.	0.9	42
25	Effect of the Nature of the Metal Co-Catalyst on CO ₂ Photoreduction Using Fast-Grown Periodically Modulated Titanium Dioxide Nanotube Arrays (PMTiNTs). Materials Research Society Symposia Proceedings, 2013, 1578, 1.	0.1	2
26	Multipodal and Multilayer TiO ₂ Nanotube Arrays: Hierarchical Structures for Energy Harvesting and Sensing. Materials Research Society Symposia Proceedings, 2013, 1552, 29-34.	0.1	7
27	Photocatalytic Conversion of Diluted CO ₂ into Light Hydrocarbons Using Periodically Modulated Multiwalled Nanotube Arrays. Angewandte Chemie - International Edition, 2012, 51, 12732-12735.	7.2	150