

Juris Prikulis

List of Publications by Year in descending order

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23
papers

1,804
citations

933447

10
h-index

713466

21
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23
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23
docs citations

23
times ranked

2399
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticle Optics: The Importance of Radiative Dipole Coupling in Two-Dimensional Nanoparticle Arrays. <i>Journal of Physical Chemistry B</i> , 2003, 107, 7337-7342.	2.6	665
2	Confined Plasmons in Nanofabricated Single Silver Particle Pairs: Experimental Observations of Strong Interparticle Interactions. <i>Journal of Physical Chemistry B</i> , 2005, 109, 1079-1087.	2.6	488
3	Optical Spectroscopy of Nanometric Holes in Thin Gold Films. <i>Nano Letters</i> , 2004, 4, 1003-1007.	9.1	280
4	Optical Spectroscopy of Single Trapped Metal Nanoparticles in Solution. <i>Nano Letters</i> , 2004, 4, 115-118.	9.1	181
5	Laser-Induced Growth of Ag Nanoparticles from Aqueous Solutions. <i>ChemPhysChem</i> , 2002, 3, 116-119.	2.1	61
6	High-Density Plasmonic Nanoparticle Arrays Deposited on Nanoporous Anodic Alumina Templates for Optical Sensor Applications. <i>Nanomaterials</i> , 2019, 9, 531.	4.1	16
7	An AC-assisted single-nanowire electromechanical switch. <i>Journal of Materials Chemistry C</i> , 2013, 1, 7134.	5.5	13
8	Optical Scattering by Dense Disordered Metal Nanoparticle Arrays. <i>Plasmonics</i> , 2014, 9, 427-434.	3.4	13
9	Determination of Young's modulus of Sb_2S_3 nanowires by in situ resonance and bending methods. <i>Beilstein Journal of Nanotechnology</i> , 2016, 7, 278-283.	2.8	13
10	Optical properties of thin metal films with nanohole arrays on porous alumina "aluminum structures. <i>RSC Advances</i> , 2015, 5, 68143-68150.	3.6	11
11	Colloidal nanoparticle sorting and ordering on anodic alumina patterned surfaces using templated capillary force assembly. <i>Surface and Coatings Technology</i> , 2017, 326, 264-269.	4.8	10
12	Estimating the magnetic moment of microscopic magnetic sources from their magnetic field distribution in a layer of nitrogen-vacancy (NV) centres in diamond. <i>EPJ Applied Physics</i> , 2016, 73, 20701.	0.7	9
13	Fabrication and Characterization of Double- and Single-Clamped CuO Nanowire Based Nanoelectromechanical Switches. <i>Nanomaterials</i> , 2021, 11, 117.	4.1	9
14	Variable Thickness Porous Anodic Alumina/Metal Film Bilayers for Optimization of Plasmonic Scattering by Nanoholes on Mirror. <i>ACS Omega</i> , 2018, 3, 5783-5788.	3.5	8
15	Application of Ge Nanowire for Two-Input Bistable Nanoelectromechanical Switch. <i>Medziagotyra</i> , 2013, 19, .	0.2	6
16	Visible Photoluminescence of Variable-Length Zinc Oxide Nanorods Embedded in Porous Anodic Alumina Template for Biosensor Applications. <i>Coatings</i> , 2021, 11, 756.	2.6	6
17	Gold nanowire synthesis by semi-immersed nanoporous anodic aluminium oxide templates in potassium dicyanoaurate hexacyanoferrate electrolyte. <i>Micro and Nano Letters</i> , 2014, 9, 761-765.	1.3	5
18	Application of a Nanoelectromechanical Mass Sensor for the Manipulation and Characterisation of Graphene and Graphite Flakes. <i>Science of Advanced Materials</i> , 2015, 7, 552-557.	0.7	5

#	ARTICLE	IF	CITATIONS
19	Relative Humidity Dependent Resistance Switching of Bi ₂ S ₃ Nanowires. Journal of Nanomaterials, 2017, 2017, 1-6.	2.7	2
20	Characterization of Resistivity of Sb ₂ S ₃ Semiconductor Nanowires by Conductive AFM and <i>In Situ</i> Methods. Advanced Materials Research, 0, 222, 106-109.	0.3	1
21	Polarized interference imaging of dense disordered plasmonic nanoparticle arrays for biosensor applications. Physica Scripta, 2015, 90, 094002.	2.5	1
22	Application of Tuning Fork Sensors for In-situ Studies of Dynamic Force Interactions Inside Scanning and Transmission Electron Microscopes. Medziagotyra, 2012, 18, .	0.2	1
23	Dynamic Force Sensor for <i>In Situ</i> Studies of Nanometer Size Contacts with Controllable Gap Potential. Advanced Materials Research, 2011, 222, 166-169.	0.3	0