

Mikhail Pashchanka

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Conceptual Progress for Explaining and Predicting Self-Organization on Anodized Aluminum Surfaces. <i>Nanomaterials</i> , 2021, 11, 2271.	4.1	21
2	A Strategy towards Light-Absorbing Coatings Based on Optically Black Nanoporous Alumina with Tailored Disorder. <i>Materials</i> , 2021, 14, 5827.	2.9	3
3	Controllable Reduction of Anionic Contamination in Degradable Amorphous Anodic Alumina Nanoporous Membranes. <i>ACS Applied Nano Materials</i> , 2020, 3, 10531-10542.	5.0	5
4	Multilevel self-organization on anodized aluminium: discovering hierarchical honeycomb structures from nanometre to sub-millimetre scale. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 15867-15875.	2.8	7
5	Synergistic Physical and Chemical Enhancement Effects Observed on Surface-Enhanced Raman Spectroscopy Substrates of Silver-Coated, Barrier-Type Anodic Alumina. <i>Journal of Physical Chemistry C</i> , 2020, 124, 13316-13328.	3.1	3
6	Long-Range Hexagonal Pore Ordering as the Key to Controlling SERS Efficiency in Substrates Based on Porous Alumina. <i>Journal of Physical Chemistry C</i> , 2020, 124, 25931-25943.	3.1	5
7	Formation of Porous Anodic Alumina under Unstable Electroconvection Flow Regimes: A Case Study of Tartronic Acid Electrolyte. <i>Journal of Physical Chemistry C</i> , 2017, 121, 23683-23692.	3.1	9
8	Self-Ordering Regimes of Porous Anodic Alumina Layers Formed in Highly Diluted Sulfuric Acid Electrolytes. <i>Journal of Physical Chemistry C</i> , 2016, 120, 14590-14596.	3.1	29
9	Evidence for electrohydrodynamic convection as a source of spontaneous self-ordering in porous anodic alumina films. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 6946-6953.	2.8	15
10	Porous alumina-metallic Pt/Pd, Cr or Al layered nanocoatings with fully controlled variable interference colors. <i>Nanoscale</i> , 2014, 6, 12877-12883.	5.6	17
11	Experimental validation of the novel theory explaining self-organization in porous anodic alumina films. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 7070.	2.8	40
12	Origin of self-organisation in porous anodic alumina films derived from analogy with Rayleigh-Bénard convection cells. <i>Journal of Materials Chemistry</i> , 2011, 21, 18761.	6.7	74
13	Controlled synthesis and characterisation of MgO nanoparticles, thin films and polycrystalline nanorods derived from a Mg(II) single source precursor. <i>Journal of Materials Chemistry</i> , 2010, 20, 957-963.	6.7	16
14	Molecular based, chimie douce approach to 0D and 1D indium oxide nanostructures. Evaluation of their sensing properties towards CO and H ₂ . <i>Journal of Materials Chemistry</i> , 2010, 20, 8311.	6.7	46
15	Polymer-Derived SiOC Nanotubes and Nanorods via a Template Approach. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3496-3506.	2.0	18