

# Norbert Nagy

## List of Publications by Year in descending order

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23  
papers

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citations

1039406

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996533

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23  
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23  
docs citations

23  
times ranked

299  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ellipsometry of Silica Nanoparticulate Langmuir-Blodgett Films for the Verification of the Validity of Effective Medium Approximations. <i>Langmuir</i> , 2006, 22, 8416-8423.	1.6	36
2	Mesoporous silica coatings with improved corrosion protection properties. <i>Microporous and Mesoporous Materials</i> , 2015, 206, 102-113.	2.2	34
3	Biomimetic Dextran-Based Hydrogel Layers for Cell Micropatterning over Large Areas Using the FluidFM BOT Technology. <i>Langmuir</i> , 2019, 35, 2412-2421.	1.6	32
4	Contact Angle Determination on Hydrophilic and Superhydrophilic Surfaces by Using $\langle i \rangle$ -Type Capillary Bridges. <i>Langmuir</i> , 2019, 35, 5202-5212.	1.6	18
5	Robust Contact Angle Determination for Needle-in-Drop Type Measurements. <i>ACS Omega</i> , 2019, 4, 18465-18471.	1.6	15
6	Modeling the Structure Formation of Particulate Langmuir Films: the Effect of Polydispersity. <i>Langmuir</i> , 2007, 23, 5445-5451.	1.6	14
7	Arbitrary tip orientation in STM simulations: 3D WKB theory and application to W(110). <i>Journal of Physics Condensed Matter</i> , 2013, 25, 445009.	0.7	11
8	Submicrometer period silicon diffraction gratings by porous etching. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2005, 202, 1639-1643.	0.8	10
9	Phenomenology of the effect of ion irradiation on the work function of metals. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2020, 466, 12-16.	0.6	9
10	SERS Activity of Reporter-Particle-Loaded Single Plasmonic Nanovoids. <i>Journal of Physical Chemistry C</i> , 2018, 122, 23683-23690.	1.5	8
11	Durability of microporous hybrid silica coatings: Optical and wetting properties. <i>Thin Solid Films</i> , 2020, 699, 137914.	0.8	7
12	Identification of Dewetting Stages and Preparation of Single Chain Gold Nanoparticle Rings by Colloidal Lithography. <i>Langmuir</i> , 2016, 32, 963-971.	1.6	5
13	Gold Nanorod Plasmon Resonance Damping Effects on a Nanopatterned Substrate. <i>Journal of Physical Chemistry C</i> , 2018, 122, 24941-24948.	1.5	5
14	The effect of ion irradiation on the electron work function of stainless steel. <i>Materials Chemistry and Physics</i> , 2018, 217, 541-546.	2.0	5
15	Reversible shape transition: Plasmonic nanorods in elastic nanocontainers. <i>Materials Chemistry and Physics</i> , 2013, 141, 343-347.	2.0	4
16	Particle irradiation and electron work function: Fe single crystal bombarded with Ar <sup>+</sup> ions. <i>Radiation Physics and Chemistry</i> , 2016, 124, 38-40.	1.4	4
17	Combined Langmuir-Blodgett and sol-gel coatings. <i>Thin Solid Films</i> , 2012, 520, 2537-2544.	0.8	3
18	Langmuir-Blodgett Films of Gold Nanorods with Different Silica Shell Thicknesses. <i>Periodica Polytechnica: Chemical Engineering</i> , 2015, 59, 104-110.	0.5	3

#	ARTICLE	IF	CITATIONS
19	Dextran-based Hydrogel Layers for Biosensors. , 2020, , 139-164.		3
20	Comparative investigation of StÄrber silica Langmuir-Blodgett films as optical model structures. Physica Status Solidi (A) Applications and Materials Science, 2008, 205, 936-940.	0.8	2
21	Nanostructured antireflective bilayers: Optical design and preparation. Materials Chemistry and Physics, 2014, 145, 176-185.	2.0	1
22	Capillary Bridges on Hydrophobic Surfaces: Analytical Contact Angle Determination. Langmuir, 2022, 38, 6201-6208.	1.6	1
23	Regular patterning of PS substrates by a self-assembled mask. Physica Status Solidi C: Current Topics in Solid State Physics, 2007, 4, 2021-2025.	0.8	0