

Norbert Nagy

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Capillary Bridges on Hydrophobic Surfaces: Analytical Contact Angle Determination. Langmuir, 2022, 38, 6201-6208.	1.6	1
2	Durability of microporous hybrid silica coatings: Optical and wetting properties. Thin Solid Films, 2020, 699, 137914.	0.8	7
3	Phenomenology of the effect of ion irradiation on the work function of metals. Nuclear Instruments & Methods in Physics Research B, 2020, 466, 12-16.	0.6	9
4	Dextran-based Hydrogel Layers for Biosensors. , 2020, , 139-164.		3
5	Robust Contact Angle Determination for Needle-in-Drop Type Measurements. ACS Omega, 2019, 4, 18465-18471.	1.6	15
6	Biomimetic Dextran-Based Hydrogel Layers for Cell Micropatterning over Large Areas Using the FluidFM BOT Technology. Langmuir, 2019, 35, 2412-2421.	1.6	32
7	Contact Angle Determination on Hydrophilic and Superhydrophilic Surfaces by Using r^{I} -Type Capillary Bridges. Langmuir, 2019, 35, 5202-5212.	1.6	18
8	SERS Activity of Reporter-Particle-Loaded Single Plasmonic Nanovoids. Journal of Physical Chemistry C, 2018, 122, 23683-23690.	1.5	8
9	Gold Nanorod Plasmon Resonance Damping Effects on a Nanopatterned Substrate. Journal of Physical Chemistry C, 2018, 122, 24941-24948.	1.5	5
10	The effect of ion irradiation on the electron work function of stainless steel. Materials Chemistry and Physics, 2018, 217, 541-546.	2.0	5
11	Particle irradiation and electron work function: Fe single crystal bombarded with Ar ⁺ ions. Radiation Physics and Chemistry, 2016, 124, 38-40.	1.4	4
12	Identification of Dewetting Stages and Preparation of Single Chain Gold Nanoparticle Rings by Colloidal Lithography. Langmuir, 2016, 32, 963-971.	1.6	5
13	Langmuir-Blodgett Films of Gold Nanorods with Different Silica Shell Thicknesses. Periodica Polytechnica: Chemical Engineering, 2015, 59, 104-110.	0.5	3
14	Mesoporous silica coatings with improved corrosion protection properties. Microporous and Mesoporous Materials, 2015, 206, 102-113.	2.2	34
15	Nanostructured antireflective bilayers: Optical design and preparation. Materials Chemistry and Physics, 2014, 145, 176-185.	2.0	1
16	Reversible shape transition: Plasmonic nanorods in elastic nanocontainers. Materials Chemistry and Physics, 2013, 141, 343-347.	2.0	4
17	Arbitrary tip orientation in STM simulations: 3D WKB theory and application to W(110). Journal of Physics Condensed Matter, 2013, 25, 445009.	0.7	11
18	Combined Langmuir-Blodgett and sol-gel coatings. Thin Solid Films, 2012, 520, 2537-2544.	0.8	3

#	ARTICLE	IF	CITATIONS
19	Comparative investigation of Stober silica Langmuir-Blodgett films as optical model structures. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2008, 205, 936-940.	0.8	2
20	Modeling the Structure Formation of Particulate Langmuir Films: the Effect of Polydispersity. <i>Langmuir</i> , 2007, 23, 5445-5451.	1.6	14
21	Regular patterning of PS substrates by a self-assembled mask. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2007, 4, 2021-2025.	0.8	0
22	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
23	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