Paxton Juuti

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8452018/publications.pdf

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16	390	1040056	940533
papers	citations	9	16
		h-index	g-index

16	16	16	593
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultrafast Processing of Hierarchical Nanotexture for a Transparent Superamphiphobic Coating with Extremely Low Rollâ€Off Angle and High Impalement Pressure. Advanced Materials, 2018, 30, e1706529.	21.0	117
2	Achieving a slippery, liquid-infused porous surface with anti-icing properties by direct deposition of flame synthesized aerosol nanoparticles on a thermally fragile substrate. Applied Physics Letters, 2017, 110, .	3.3	57
3	Icephobicity of Slippery Liquid Infused Porous Surfaces under Multiple Freezeâ€“Thaw and Ice Accretionâ€“Detachment Cycles. Advanced Materials Interfaces, 2018, 5, 1800828.	3.7	57
4	Silver-Decorated TiO₂ Inverse Opal Structure for Visible Light-Induced Photocatalytic Degradation of Organic Pollutants and Hydrogen Evolution. ACS Applied Materials & Interfaces, 2020, 12, 41200-41210.	8.0	41
5	Strategies To Diminish the Emissions of Particles and Secondary Aerosol Formation from Diesel Engines. Environmental Science & Technology, 2019, 53, 10408-10416.	10.0	26
6	Liquid Flame Sprayâ€”A Hydrogen-Oxygen Flame Based Method for Nanoparticle Synthesis and Functional Nanocoatings. KONA Powder and Particle Journal, 2017, 34, 141-154.	1.7	20
7	Measurement of the human respiratory tract deposited surface area of particles with an electrical low pressure impactor. Aerosol Science and Technology, 2020, 54, 958-971.	3.1	17
8	The critical velocity of rebound determined for sub-micron silver particles with a variable nozzle area impactor. Journal of Aerosol Science, 2015, 86, 32-43.	3.8	13
9	Aerosol analysis of residual and nanoparticle fractions from spray pyrolysis of poorly volatile precursors. AICHE Journal, 2017, 63, 881-892.	3.6	13
10	Controlling the phase of iron oxide nanoparticles fabricated from iron(III) nitrate by liquid flame spray. International Journal of Ceramic Engineering & Science, 2019, 1, 194-205.	1.2	7
11	On the limit of superhydrophobicity: defining the minimum amount of TiO₂ nanoparticle coating. Materials Research Express, 2019, 6, 035004.	1.6	6
12	Real-time effective density monitor (DENSMO) for aerosol nanoparticle production. Aerosol Science and Technology, 2016, 50, 487-496.	3.1	5
13	Characteristics of nFOG, an aerosol-based wet thin film coating technique. Journal of Coatings Technology Research, 2018, 15, 623-632.	2.5	4
14	Coating of Silica and Titania Aerosol Nanoparticles by Silver Vapor Condensation. Aerosol Science and Technology, 2015, 49, 767-776.	3.1	3
15	Differential diffusion analyzer. Aerosol Science and Technology, 2017, 51, 1429-1437.	3.1	3
16	Atmospheric pressure thermal desorption chemical ionization mass spectrometry for ultra-sensitive explosive detection. Talanta, 2022, 249, 123653.	5.5	1