# 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 | Atmospheric pressure thermal desorption chemical ionization mass spectrometry for ultra-sensitive explosive detection. Talanta, 2022, 249, 123653. | 5.5 | 1 |
| 2 | Silver-Decorated TiO<sub>2</sub> 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 |
| 3 | 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 |
| 4 | Strategies To Diminish the Emissions of Particles and Secondary Aerosol Formation from Diesel Engines. Environmental Science & Technology, 2019, 53, 10408-10416. | 10.0 | 26 |
| 5 | 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 |
| 6 | On the limit of superhydrophobicity: defining the minimum amount of TiO<sub>2</sub> nanoparticle coating. Materials Research Express, 2019, 6, 035004. | 1.6 | 6 |
| 7 | 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 |
| 8 | Characteristics of nFOG, an aerosol-based wet thin film coating technique. Journal of Coatings Technology Research, 2018, 15, 623-632. | 2.5 | 4 |
| 9 | 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 |
| 10 | 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 |
| 11 | Aerosol analysis of residual and nanoparticle fractions from spray pyrolysis of poorly volatile precursors. AICHE Journal, 2017, 63, 881-892. | 3.6 | 13 |
| 12 | 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 |
| 13 | Differential diffusion analyzer. Aerosol Science and Technology, 2017, 51, 1429-1437. | 3.1 | 3 |
| 14 | Real-time effective density monitor (DENSMO) for aerosol nanoparticle production. Aerosol Science and Technology, 2016, 50, 487-496. | 3.1 | 5 |
| 15 | 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 |
| 16 | Coating of Silica and Titania Aerosol Nanoparticles by Silver Vapor Condensation. Aerosol Science and Technology, 2015, 49, 767-776. | 3.1 | 3 |