

# Andrew S Paterson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1257858/publications.pdf>

Version: 2024-02-01

10  
papers

477  
citations

933447

10  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

735  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Evaluation of a nanophosphor lateral-flow assay for self-testing for herpes simplex virus type 2 seropositivity. PLoS ONE, 2019, 14, e0225365.  | 2.5 | 17        |
| 2  | A low-cost smartphone-based platform for highly sensitive point-of-care testing with persistent luminescent phosphors. Lab on A Chip, 2017, 17, 1051-1059.  | 6.0 | 99        |
| 3  | Reducing particle size of persistent luminescent SrAl <sub>2</sub> O <sub>4</sub> :Eu <sup>2+</sup> , Dy <sup>3+</sup> via microwave-assisted, reverse micelle synthesis. Optical Materials Express, 2017, 7, 2597.   | 3.0 | 14        |
| 4  | Flotation Immunoassay: Masking the Signal from Free Reporters in Sandwich Immunoassays. Scientific Reports, 2016, 6, 24297.   | 3.3 | 11        |
| 5  | Optimizing Blue Persistent Luminescence in (Sr <sub>1-x</sub> Ba <sub>x</sub> ) <sub>2</sub> MgSi <sub>2</sub> O <sub>7</sub> :Eu <sup>2+</sup> , Dy <sup>3+</sup> via Solid Solution for Use in Point-of-Care Diagnostics. ACS Applied Materials & Interfaces, 2016, 8, 26956-26963. | 8.0 | 37        |
| 6  | Nanoscale Kirkendall Effect and Oxidation Kinetics in Copper Nanocrystals Characterized by Real-Time, In Situ Optical Spectroscopy. Particle and Particle Systems Characterization, 2015, 32, 373-380.  | 2.3 | 36        |
| 7  | Sensitive Detection of Norovirus Using Phage Nanoparticle Reporters in Lateral-Flow Assay. PLoS ONE, 2015, 10, e0126571.  | 2.5 | 37        |
| 8  | Persistent Luminescence Strontium Aluminate Nanoparticles as Reporters in Lateral Flow Assays. Analytical Chemistry, 2014, 86, 9481-9488.   | 6.5 | 104       |
| 9  | Transmissive Nanohole Arrays for Massively-Parallel Optical Biosensing. ACS Photonics, 2014, 1, 241-245.  | 6.6 | 17        |
| 10 | Monolithic NPG nanoparticles with large surface area, tunable plasmonics, and high-density internal hot-spots. Nanoscale, 2014, 6, 8199-8207.   | 5.6 | 105       |