Andrew S Paterson

List of Publications by Year
in descending order

10	477	933447 10	1372567 10
papers	citations	h-index	g-index

10	10	10	735
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Monolithic NPG nanoparticles with large surface area, tunable plasmonics, and high-density internal hot-spots. Nanoscale, 2014, 6, 8199-8207.	5.6	105
2	Persistent Luminescence Strontium Aluminate Nanoparticles as Reporters in Lateral Flow Assays. Analytical Chemistry, 2014, 86, 9481-9488.	6.5	104
3	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
4	Optimizing Blue Persistent Luminescence in (Sr_{1â^'Î´}Ba_{Î´})₂MgSi₂O_{7:}Eu²⁺,Dy³⁺ via Solid Solution for Use in Point-of-Care Diagnostics. ACS Applied Materials & Interfaces, 2016, 8, 26956-26963.	8.0	37
5	Sensitive Detection of Norovirus Using Phage Nanoparticle Reporters in Lateral-Flow Assay. PLoS ONE, 2015, 10, e0126571.	2.5	37
6	Nanoscale Kirkendall Effect and Oxidation Kinetics in Copper Nanocrystals Characterized by Realâ€Time, In Situ Optical Spectroscopy. Particle and Particle Systems Characterization, 2015, 32, 373-380.	2.3	36
7	Transmissive Nanohole Arrays for Massively-Parallel Optical Biosensing. ACS Photonics, 2014, 1, 241-245.	6.6	17
8	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
9	Reducing particle size of persistent luminescent SrAl_2O_4:Eu^2+,Dy^3+via microwave-assisted, reverse micelle synthesis. Optical Materials Express, 2017, 7, 2597.	3.0	14
10	Flotation Immunoassay: Masking the Signal from Free Reporters in Sandwich Immunoassays. Scientific Reports, 2016, 6, 24297.	3.3	11