

# Huw Owens

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1745205/publications.pdf>

Version: 2024-02-01

10  
papers

224  
citations

1307594

7  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

216  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-assembly of silica colloidal crystal thin films with tuneable structural colours over a wide visible spectrum. <i>Applied Surface Science</i> , 2016, 380, 12-15.	6.1	64
2	Smart Textiles with Janus Wetting and Wicking Properties Fabricated by Graphene Oxide Coatings. <i>Advanced Materials Interfaces</i> , 2021, 8, 2001427.	3.7	30
3	The structural coloration of textile materials using self-assembled silica nanoparticles. <i>Journal of Nanoparticle Research</i> , 2017, 19, 303.	1.9	29
4	Preferred alkaline reduction-clearing conditions for use with dyed Ingeo poly(lactic acid) fibres. <i>Coloration Technology</i> , 2006, 122, 157-161.	1.5	27
5	Optical properties of cotton and nylon fabrics coated with silica photonic crystals. <i>Optical Materials Express</i> , 2017, 7, 341.	3.0	26
6	Facile control of silica nanoparticles using a novel solvent varying method for the fabrication of artificial opal photonic crystals. <i>Journal of Nanoparticle Research</i> , 2016, 18, 387.	1.9	24
7	A colorimetric quantification of softened polylactic acid and polyester filament knitted fabrics to "Water-spotting". <i>Fibers and Polymers</i> , 2011, 12, 893-903.	2.1	8
8	A method to improve the quality of silica nanoparticles (SNPs) over increasing storage durations. <i>Journal of Nanoparticle Research</i> , 2018, 20, 213.	1.9	7
9	The spatio-chromatic sensitivity of the human visual system. <i>Physiological Measurement</i> , 2000, 21, 505-513.	2.1	5
10	Optimum processing parameters for coating polyester with silica nanoparticles using gravity sedimentation. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	1.9	4