

Howon Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12025245/publications.pdf>

Version: 2024-02-01

15
papers

1,769
citations

1163065

8
h-index

1372553

10
g-index

15
all docs

15
docs citations

15
times ranked

2744
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural colour printing using a magnetically tunable and lithographically fixable photonic crystal. <i>Nature Photonics</i> , 2009, 3, 534-540.	31.4	617
2	Programming magnetic anisotropy in polymeric microactuators. <i>Nature Materials</i> , 2011, 10, 747-752.	27.5	431
3	Colour-barcoded magnetic microparticles for multiplexed bioassays. <i>Nature Materials</i> , 2010, 9, 745-749.	27.5	351
4	Magnetochromatic Microspheres: Rotating Photonic Crystals. <i>Journal of the American Chemical Society</i> , 2009, 131, 15687-15694.	13.7	246
5	Real-Time Optofluidic Synthesis of Magnetochromatic Microspheres for Reversible Structural Color Patterning. <i>Small</i> , 2011, 7, 1163-1168.	10.0	54
6	Magnetochromatic Microactuators for a Micropixelated Color-Changing Surface. <i>Advanced Materials</i> , 2013, 25, 1415-1419.	21.0	32
7	Photopatterned microswimmers with programmable motion without external stimuli. <i>Nature Communications</i> , 2021, 12, 4724.	12.8	21
8	Programmable gradational micropatterning of functional materials using maskless lithography controlling absorption. <i>Scientific Reports</i> , 2015, 5, 15629.	3.3	14
9	Diffractive-optic three-dimensional image generation with spatial light modulators. , 2007, , .		1
10	Magnetochromatic Microspheres: Real-Time Optofluidic Synthesis of Magnetochromatic Microspheres for Reversible Structural Color Patterning (<i>Small</i> 9/2011). <i>Small</i> , 2011, 7, 1142-1142.	10.0	1
11	Optics and Fluidics. <i>Microtechnology and MEMS</i> , 2020, , 197-234.	0.2	1
12	Structural color printing: full color printing with single ink. , 2010, , .		0
13	A surface plasmon resonance sensor for quantitative analysis of mineralization of osteoblast cells. , 2010, , .		0
14	Dynamic Magnetic Manipulation of Color/Shape Encoded Magnetic Microparticles for Bio-Assay Applications. , 2010, , .		0
15	Large scale structural color patterning using magnetochromatic microspheres with patterned magnet. , 2011, , .		0