

Dongpeng Yang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

557
citations

13
h-index

23
g-index

30
ext. papers

721
ext. citations

6.9
avg, IF

4.52
L-index

#	Paper	IF	Citations
27	Extremely sensitive mechanochromic photonic crystals with broad tuning range of photonic bandgap and fast responsive speed for high-resolution multicolor display applications. <i>Chemical Engineering Journal</i> , 2022 , 429, 132342	14.7	9
26	Photo-Luminescent Photonic Crystals for Anti-Counterfeiting.. <i>ACS Omega</i> , 2022 , 7, 7320-7326	3.9	2
25	Photonic Crystals with Tunable Lattice Structures Based on Anisotropic Metal-Organic Framework Particles and Their Application in Anticounterfeiting. <i>Advanced Photonics Research</i> , 2022 , 3, 2100246	1.9	1
24	Refractive-Index-Matching-Based Encryption of Photonic Crystal Prints with Multistage and Reconfigurable Information (Adv. Mater. Interfaces 20/2021). <i>Advanced Materials Interfaces</i> , 2021 , 8, 2170112	4.6	
23	Simple and efficient fabrication of multi-stage color-changeable photonic prints as anti-counterfeit labels. <i>Journal of Colloid and Interface Science</i> , 2021 , 590, 134-143	9.3	17
22	Dual-Modal Invisible Photonic Crystal Prints from Photo/Water Responsive Photonic Crystals. <i>Advanced Photonics Research</i> , 2021 , 2, 2000197	1.9	3
21	Noniridescent structural color from enhanced electromagnetic resonances of particle aggregations and its applications for reconfigurable patterns. <i>Journal of Colloid and Interface Science</i> , 2021 , 604, 178-187	9.3	6
20	A new coding-decoding system through combining near-infrared photonic crystals and their spatial reflection spectra. <i>Journal of Materials Chemistry C</i> , 2021 , 9, 4466-4473	7.1	7
19	Rapid Fabrication of Alcohol Responsive Photonic Prints with Changeable Color Contrasts for Anti-Counterfeiting Application. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2001905	4.6	9
18	Refractive-Index-Matching-Based Encryption of Photonic Crystal Prints with Multistage and Reconfigurable Information. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2100789	4.6	3
17	Dual active sites fabricated through atomic layer deposition of TiO ₂ on MoS ₂ nanosheet arrays for highly efficient electroreduction of CO ₂ to ethanol. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 6790-6796 ¹³		7
16	Two Birds with One Stone: Manipulating Colloids Assembled into Amorphous and Ordered Photonic Crystals and Their Combinations for Coding/Decoding. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 6328-6336	3.8	13
15	Simple and Ultrafast Fabrication of Invisible Photonic Prints with Reconfigurable Patterns. <i>Advanced Optical Materials</i> , 2020 , 8, 1901541	8.1	26
14	Highly Efficient Fabricating Amorphous Photonic Crystals Using Less Polar Solvents and the Wettability-Based Information Storage and Recognition. <i>Particle and Particle Systems Characterization</i> , 2020 , 37, 2000043	3.1	11
13	Highly Efficient Detection of Homologues and Isomers by the Dynamic Swelling Reflection Spectrum. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 45174-45183	9.5	20
12	Highly efficient utilization of light and charge separation over a hematite photoanode achieved through a noncontact photonic crystal film for photoelectrochemical water splitting. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 20202-20211	3.6	8
11	Invisible photonic prints shown by UV illumination: combining photoluminescent and noniridescent structural colors. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 11776-11782	7.1	20

10	Hand Painting of Noniridescent Structural Multicolor through the Self-Assembly of YOHCO Colloids and Its Application for Anti-Counterfeiting. <i>Langmuir</i> , 2019 , 35, 8428-8435	4	24
9	Amorphous Photonic Structures with Brilliant and Noniridescent Colors via Polymer-Assisted Colloidal Assembly. <i>ACS Omega</i> , 2019 , 4, 18771-18779	3.9	19
8	Facile Synthesis of Monodispersed SiO@FeO Core-Shell Colloids for Printing and Three-Dimensional Coating with Noniridescent Structural Colors. <i>ACS Omega</i> , 2019 , 4, 528-534	3.9	24
7	Old relief printing applied to the current preparation of multi-color and high resolution colloidal photonic crystal patterns. <i>Chemical Communications</i> , 2015 , 51, 16972-5	5.8	28
6	From Metastable Colloidal Crystalline Arrays to Fast Responsive Mechanochromic Photonic Gels: An Organic Gel for Deformation-Based Display Panels. <i>Advanced Functional Materials</i> , 2014 , 24, 3197-3205	15.6	147
5	Polymerization-Induced Colloidal Assembly and Photonic Crystal Multilayer for Coding and Decoding. <i>Advanced Functional Materials</i> , 2014 , 24, 817-825	15.6	48
4	Solvent wrapped metastable colloidal crystals: highly mutable colloidal assemblies sensitive to weak external disturbance. <i>Journal of the American Chemical Society</i> , 2013 , 135, 18370-6	16.4	64
3	Controlled deposition of ultra-small Ag particles on TiO ₂ nanorods: oxide/metal hetero-nanostructures with improved catalytic activity. <i>CrystEngComm</i> , 2013 , 15, 7230	3.3	14
2	Self-assembly of colloidal particles into amorphous photonic crystals. <i>Materials Advances</i> ,	3.3	12
1	Mechano-Chromic Photonic Crystals with Substrate-Independent Brilliant Colors for Visual Sensing and Anti-Counterfeiting Applications. <i>Advanced Materials Interfaces</i> , 2200051	4.6	2