

Dongpeng Yang

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5722123/dongpeng-yang-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
26	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
25	Polymerization-Induced Colloidal Assembly and Photonic Crystal Multilayer for Coding and Decoding. <i>Advanced Functional Materials</i> , 2014 , 24, 817-825	15.6	48
24	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
23	Simple and Ultrafast Fabrication of Invisible Photonic Prints with Reconfigurable Patterns. <i>Advanced Optical Materials</i> , 2020 , 8, 1901541	8.1	26
22	Hand Painting of Noniridescent Structural Multicolor through the Self-Assembly of YO HCO Colloids and Its Application for Anti-Counterfeiting. <i>Langmuir</i> , 2019 , 35, 8428-8435	4	24
21	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
20	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
19	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
18	Amorphous Photonic Structures with Brilliant and Noniridescent Colors via Polymer-Assisted Colloidal Assembly. <i>ACS Omega</i> , 2019 , 4, 18771-18779	3.9	19
17	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
16	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
15	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
14	Self-assembly of colloidal particles into amorphous photonic crystals. <i>Materials Advances</i> ,	3.3	12
13	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
12	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
11	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

10	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
9	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
8	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	8.3	7
7	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	8.3	6
6	Dual-Modal Invisible Photonic Crystal Prints from Photo/Water Responsive Photonic Crystals. <i>Advanced Photonics Research</i> , 2021 , 2, 2000197	1.9	3
5	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
4	Photo-Luminescent Photonic Crystals for Anti-Counterfeiting.. <i>ACS Omega</i> , 2022 , 7, 7320-7326	3.9	2
3	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
2	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
1	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	