

# Ling Bai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8945513/publications.pdf>

Version: 2024-02-01

15  
papers

765  
citations

840776

11  
h-index

996975

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g-index

15  
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15  
docs citations

15  
times ranked

1027  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bio-Inspired Vapor-Responsive Colloidal Photonic Crystal Patterns by Inkjet Printing. ACS Nano, 2014, 8, 11094-11100.	14.6	275
2	Large-Scale Noniridescent Structural Color Printing Enabled by Infiltration-Driven Nonequilibrium Colloidal Assembly. Advanced Materials, 2018, 30, 1705667.	21.0	117
3	Self-assembled colloidal arrays for structural color. Nanoscale Advances, 2019, 1, 1672-1685.	4.6	62
4	Theories and Applications of CFD-DEM Coupling Approach for Granular Flow: A Review. Archives of Computational Methods in Engineering, 2021, 28, 4979-5020.	10.2	62
5	Experimental study and transient CFD/DEM simulation in a fluidized bed based on different drag models. RSC Advances, 2017, 7, 12764-12774.	3.6	50
6	Hybrid mesoporous colloid photonic crystal array for high performance vapor sensing. Nanoscale, 2014, 6, 5680.	5.6	42
7	Photoluminescent Mesoporous Silicon Nanoparticles with siCCR2 Improve the Effects of Mesenchymal Stromal Cell Transplantation after Acute Myocardial Infarction. Theranostics, 2015, 5, 1068-1082.	10.0	34
8	Computational Methods of Erosion Wear in Centrifugal Pump: A State-of-the-Art Review. Archives of Computational Methods in Engineering, 2022, 29, 3789-3814.	10.2	28
9	Responsive Amorphous Photonic Structures of Spherical/Polyhedral Colloidal Metal-Organic Frameworks. Advanced Optical Materials, 2019, 7, 1900522.	7.3	27
10	Numerical and Experimental Study of Multiphase Transient Core-Annular Flow Patterns in a Spouted Bed. Journal of Energy Resources Technology, Transactions of the ASME, 2020, 142, .	2.3	20
11	Bioinspired Production of Noniridescent Structural Colors by Adhesive Melanin-like Particles. Langmuir, 2019, 35, 9878-9884.	3.5	19
12	Hierarchical Disordered Colloidal Thin Films with Duplex Optical Elements for Advanced Anti-Counterfeiting Coding. Advanced Optical Materials, 2020, 8, 2001378.	7.3	12
13	Aiming for fish-friendly hydropower plants. Science, 2021, 374, 1062-1063.	12.6	9
14	Two-Way Coupling Simulation of Solid-Liquid Two-Phase Flow and Wear Experiments in a Slurry Pump. Journal of Marine Science and Engineering, 2022, 10, 57.	2.6	5
15	Mesoporous silica shell alleviates cytotoxicity and inflammation induced by colloidal silica particles. Colloids and Surfaces B: Biointerfaces, 2014, 116, 334-342.	5.0	3