

Ling He

List of Publications by Year in descending order

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63
papers

2,330
citations

331670

21
h-index

214800

47
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63
all docs

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docs citations

63
times ranked

3425
citing authors

#	ARTICLE	IF	CITATIONS
1	Bidentate Ligand-Induced Oriented Transformation of CsPbBr ₃ Perovskite Nanocrystals into Nanowires for X-ray Photodetectors. ACS Applied Nano Materials, 2022, 5, 13737-13744.	5.0	10
2	Silica-based hybrids for adhesive coatings and their anti-salt damage in the protection of ancient sandstone. Progress in Organic Coatings, 2021, 151, 106037.	3.9	2
3	Rare Earth-Free Luminescent Materials for WLEDs: Recent Progress and Perspectives. Advanced Materials Technologies, 2021, 6, .	5.8	53
4	Fluoroalkyl polyhedral oligomeric silsesquioxane initiated methylmethacrylate polymer to produce hydrophobic coatings by low fluorine content. Soft Materials, 2021, 19, 231-242.	1.7	0
5	Strong, Removable, and Photoluminescent Hyperbranched Polyamide-amine Hot Melt Adhesive. Chinese Journal of Polymer Science (English Edition), 2021, 39, 1319-1327.	3.8	7
6	Effect of different molecular architected POSS-fluoropolymers on their self-assembled hydrophobic coatings. Colloid and Polymer Science, 2020, 298, 1559-1569.	2.1	3
7	Superhydrophobic luminous nanocomposites from CsPbX ₃ perovskite nanocrystals encapsulated in organosilica. Applied Surface Science, 2020, 515, 146004.	6.1	18
8	Hydrophobic and hydrophilic SiO ₂ -based hybrids in the protection of sandstone for anti-salt damage. Journal of Cultural Heritage, 2019, 40, 80-91.	3.3	12
9	CsPbBr ₃ Perovskite Nanocrystal Grown on MXene Nanosheets for Enhanced Photoelectric Detection and Photocatalytic CO ₂ Reduction. Journal of Physical Chemistry Letters, 2019, 10, 6590-6597.	4.6	275
10	Removable/fluorescent adhesive made by melamine-formaldehyde cross-linked polyvinyl alcohol and its repair application in artifacts. Applied Surface Science, 2019, 495, 143570.	6.1	10
11	Stable luminous nanocomposites of CsPbX ₃ perovskite nanocrystals anchored on silica for multicolor anti-counterfeit ink and white-LEDs. Materials Chemistry Frontiers, 2019, 3, 414-419.	5.9	48
12	Degradation of red lead pigment in the oil painting during UV aging. Color Research and Application, 2019, 44, 790-797.	1.6	13
13	Unusual Stability and Temperature-Dependent Properties of Highly Emissive CsPbBr ₃ Perovskite Nanocrystals Obtained from in Situ Crystallization in Poly(vinylidene difluoride). ACS Applied Materials & Interfaces, 2019, 11, 22786-22793.	8.0	55
14	Stable Luminous Nanocomposites of Confined Mn ²⁺ -Doped Lead Halide Perovskite Nanocrystals in Mesoporous Silica Nanospheres as Orange Fluorophores. Inorganic Chemistry, 2019, 58, 3950-3958.	4.0	34
15	Dispersant effect on coatings of POSS-based poly methylmethacrylate hybrids and their protective performance to sandstones. Progress in Organic Coatings, 2019, 132, 388-398.	3.9	11
16	Highly Stable Luminous "Snakes" from CsPbX ₃ Perovskite Nanocrystals Anchored on Amine-Coated Silica Nanowires. ACS Applied Nano Materials, 2019, 2, 258-266.	5.0	14
17	White-Light-Emitting Melamine-Formaldehyde Microspheres through Polymer-Mediated Aggregation and Encapsulation of Graphene Quantum Dots. Advanced Science, 2019, 6, 1801432.	11.2	71
18	Hydrophobic and Durable Adhesive Coatings Fabricated from Fluorinated Glycidyl Copolymers Grafted on SiO ₂ Nanoparticles. ACS Applied Nano Materials, 2019, 2, 617-626.	5.0	14

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19	La@La bonded dimetallofullerenes [La ₂ @C _{2n}] ⁺ : species for stabilizing C _{2n} (2n = 92-96) besides LaC ₂ @C _{2n} . <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 14671-14678.	2.8	10
20	General Strategy for the Preparation of Stable Luminous Nanocomposite Inks Using Chemically Addressable CsPbX ₃ Perovskite Nanocrystals. <i>Chemistry of Materials</i> , 2018, 30, 2771-2780.	6.7	111
21	Effect of different structured POSS/GMA-containing copolymers on the morphology of porous coating by breath-figures method. <i>Journal of Coatings Technology Research</i> , 2018, 15, 737-742.	2.5	0
22	An insight into the amphiphobicity and thermal degradation behavior of PDMS-based block copolymers bearing POSS and fluorinated units. <i>Soft Matter</i> , 2018, 14, 5235-5245.	2.7	15
23	Cage and linear structured polysiloxane/epoxy hybrids for coatings: Surface property and film permeability. <i>Journal of Colloid and Interface Science</i> , 2017, 500, 349-357.	9.4	21
24	Epoxy and Oxidation Mechanisms of Fused-Pentagon Chlorofullerenes: Oxides Linked by a Pirouette-Type Transition State. <i>Journal of Organic Chemistry</i> , 2017, 82, 6541-6549.	3.2	2
25	Identification of the authenticity of pigments in ancient polychromed artworks of China. <i>Analytical Methods</i> , 2017, 9, 814-825.	2.7	6
26	Templated self-assembly of one-dimensional CsPbX ₃ perovskite nanocrystal superlattices. <i>Nanoscale</i> , 2017, 9, 17688-17693.	5.6	39
27	Nanorod Suprastructures from a Ternary Graphene Oxide@Polymer@CsPbX ₃ Perovskite Nanocrystal Composite That Display High Environmental Stability. <i>Nano Letters</i> , 2017, 17, 6759-6765.	9.1	118
28	POSS-pendant in epoxy chain inorganic-organic hybrid for highly thermo-mechanical, permeable and hydrothermal-resistant coatings. <i>Materials Chemistry and Physics</i> , 2017, 201, 120-129.	4.0	15
29	Self-assembled colloid and solvent-responsive property of amphiphilic fluoropolymer for protein-resistance coatings. <i>Colloid and Polymer Science</i> , 2017, 295, 827-836.	2.1	1
30	Amphiphilic silica/fluoropolymer nanoparticles: Synthesis, temperature-responsive and surface properties as protein-resistance coatings. <i>Journal of Polymer Science Part A</i> , 2016, 54, 381-393.	2.3	7
31	Insight into the Ligand-Mediated Synthesis of Colloidal CsPbBr ₃ Perovskite Nanocrystals: The Role of Organic Acid, Base, and Cesium Precursors. <i>ACS Nano</i> , 2016, 10, 7943-7954.	14.6	713
32	SiO ₂ -g-PS/fluoroalkylsilane composites for superhydrophobic and highly oleophobic coatings. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 507, 26-35.	4.7	13
33	Stabilization of a Chlorinated C ₆₆ :C ₂ v Cage by Encapsulating Monometal Species: Coordination between Metal and Double Hexagon-Condensed Pentalenes. <i>Inorganic Chemistry</i> , 2016, 55, 7667-7675.	4.0	3
34	POSS-based glycidyl methacrylate copolymer for transparent and permeable coatings. <i>Soft Materials</i> , 2016, 14, 253-263.	1.7	7
35	Synthesis, characterization and resistant performance of Fe ²⁺ -Fe ₂ O ₃ @SiO ₂ composite as pigment protective coatings. <i>Surface and Coatings Technology</i> , 2016, 300, 42-49.	4.8	28
36	Fabrication, microstructure and corrosive behavior of different metallographic tin-leaded bronze alloys part II: Chemical corrosive behavior and patina of tin-leaded bronze alloys. <i>Materials Chemistry and Physics</i> , 2016, 169, 158-172.	4.0	24

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37	POSS-based Diblock Fluoropolymer for Self-assembled Hydrophobic Coatings. <i>Materials Today: Proceedings</i> , 2016, 3, 325-334.	1.8	8
38	Synthesis and evaluation of fluorosilicone-modified starch for protection of historic stone. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	0
39	POSS-tethered fluorinated diblock copolymers with linear- and star-shaped topologies: synthesis, self-assembled films and hydrophobic applications. <i>RSC Advances</i> , 2015, 5, 55048-55058.	3.6	15
40	Organic/inorganic hybrids by linear PDMS and caged MA-POSS for coating. <i>Materials Chemistry and Physics</i> , 2015, 153, 396-404.	4.0	12
41	Self-assembled micelle and film surface of fluorine/silicon-containing triblock copolymer. <i>Colloid and Polymer Science</i> , 2015, 293, 2281-2290.	2.1	4
42	Comparative analysis of eastern and western drying-oil binding media used in polychromic artworks by pyrolysis-gas chromatography/mass spectrometry under the influence of pigments. <i>Microchemical Journal</i> , 2015, 123, 201-210.	4.5	36
43	Poly(glycidyl methacrylate-POSS)-co-poly(methyl methacrylate) latex by epoxide opening reaction and emulsion polymerization. <i>Journal of Materials Science</i> , 2015, 50, 2158-2166.	3.7	13
44	Effect of side chains and solvents on the film surface of linear fluorosilicone pentablock copolymers. <i>Progress in Organic Coatings</i> , 2014, 77, 1603-1612.	3.9	13
45	Complementary analytical methods in identifying gilding and painting techniques of ancient clay-based polychromic sculptures. <i>Microchemical Journal</i> , 2014, 114, 125-140.	4.5	31
46	Formation and properties of core-shell pentablock copolymer/silica hybrids. <i>Materials Chemistry and Physics</i> , 2014, 147, 5-10.	4.0	7
47	Fabrication pentablock copolymer/silica hybrids as self-assembly coatings. <i>Journal of Colloid and Interface Science</i> , 2014, 414, 1-8.	9.4	12
48	Synthesis and comparison of two poly (methyl methacrylate-b-3-(trimethoxysilyl)propyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (m 433, 133-140.	9.4	10
49	Silica-diblock fluoropolymer hybrids synthesized by surface-initiated atom transfer radical polymerization. <i>RSC Advances</i> , 2014, 4, 13108.	3.6	12
50	Superhydrophobic and oleophobic surface from fluoropolymer-SiO ₂ hybrid nanocomposites. <i>Journal of Colloid and Interface Science</i> , 2014, 435, 75-82.	9.4	20
51	Characterization of Chinese Lacquer in Historical Artwork by On-Line Methylation Pyrolysis-Gas Chromatography/Mass Spectrometry. <i>Analytical Letters</i> , 2014, 47, 2488-2507.	1.8	11
52	Unique Configuration of a Nitrogen-Doped Graphene Nanoribbon: Potential Applications to Semiconductor and Hydrogen Fuel Cell. <i>Journal of Physical Chemistry C</i> , 2014, 118, 24723-24729.	3.1	8
53	Star-shaped POSS diblock copolymers and their self-assembled films. <i>RSC Advances</i> , 2014, 4, 27857-27866.	3.6	26
54	The effect of side chains on the reactive rate and surface wettability of pentablock copolymers by ATRP. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	2

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55	Synthesis and properties of silane-fluoroacrylate grafted starch. Carbohydrate Polymers, 2013, 98, 1056-1064.	10.2	25
56	Well-defined inorganic/organic nanocomposite by nano silica core-poly(methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 Td (methacryl Science, 2013, 396, 129-137.	9.4	15
57	Polychromic structures and pigments in Guangyuan Thousand-Buddha Grotto of the Tang Dynasty (China). Journal of Archaeological Science, 2012, 39, 1809-1820.	2.4	24
58	Diblock fluoroacrylate copolymers from two initiators: synthesis, self-assembly and surface properties. Journal of Materials Chemistry, 2012, 22, 23078.	6.7	21
59	Surface self-segregation, wettability, and adsorption behavior of core-shell and pentablock fluorosilicone acrylate copolymers. Journal of Colloid and Interface Science, 2012, 369, 435-441.	9.4	41
60	Novel linear fluoro-silicon-containing pentablock copolymers: synthesis and their properties as coating materials. Journal of Materials Chemistry, 2011, 21, 6934.	6.7	46
61	Non-IPR endohedral fullerene Yb@C76: density functional theory characterization. Journal of Materials Chemistry, 2011, 21, 12206.	6.7	37
62	Corrosion behavior and morphological features of archeological bronze coins from ancient China. Microchemical Journal, 2011, 99, 203-212.	4.5	42
63	Preparation and comparative evaluation of well-defined fluorinated acrylic copolymer latex and solution for ancient stone protection. Progress in Organic Coatings, 2010, 69, 352-358.	3.9	56