

Bo Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2111267/publications.pdf>

Version: 2024-02-01

48
papers

2,794
citations

257450

24
h-index

189892

50
g-index

53
all docs

53
docs citations

53
times ranked

5071
citing authors

#	ARTICLE	IF	CITATIONS
1	Accurately Localizing Multiple Nanoparticles in a Multishelled Matrix Through Shell-to-Core Evolution for Maximizing Energy Storage Capability. <i>Advanced Materials</i> , 2022, 34, e2200206.	21.0	32
2	Coating conductive polypyrrole layers on multiple shells of hierarchical SnO ₂ spheres and their enhanced cycling stability as lithium-ion battery anode. <i>Applied Surface Science</i> , 2022, 586, 152836.	6.1	21
3	Ultrafast assembly and healing of nanomaterial networks on polymer substrates for flexible hybrid electronics. <i>Applied Materials Today</i> , 2021, 22, 100956.	4.3	7
4	Transition between Nonresonant and Resonant Charge Transport in Molecular Junctions. <i>Nano Letters</i> , 2021, 21, 8340-8347.	9.1	12
5	Characterizing intermolecular interactions in redox-active pyridinium-based molecular junctions. <i>Journal of Electroanalytical Chemistry</i> , 2020, 875, 114070.	3.8	13
6	Fluid-Assisted Sorted Assembly of Graphene on Polymer. <i>Langmuir</i> , 2020, 36, 5608-5617.	3.5	3
7	In Situ Photophysical Characterization of β -Conjugated Oligopeptides Assembled via Continuous Flow Processing. <i>Langmuir</i> , 2019, 35, 10947-10957.	3.5	1
8	Engineering Halide Perovskite Crystals through Precursor Chemistry. <i>Small</i> , 2019, 15, e1903613.	10.0	82
9	Charge Transport and Quantum Interference Effects in Oxazole-Terminated Conjugated Oligomers. <i>Journal of the American Chemical Society</i> , 2019, 141, 16079-16084.	13.7	31
10	Organic Templates for Inorganic Nanocrystal Growth. <i>Energy and Environmental Materials</i> , 2019, 2, 38-54.	12.8	21
11	Solubility and activity of a phosphinosulfonate palladium catalyst in water with different surfactants. <i>Polymer Chemistry</i> , 2019, 10, 1988-1992.	3.9	2
12	Intrachain Charge Transport through Conjugated Donor-Acceptor Oligomers. <i>ACS Applied Electronic Materials</i> , 2019, 1, 7-12.	4.3	25
13	Convenient and Robust Route to Photoswitchable Hierarchical Liquid Crystal Polymer Stripes via Flow-Enabled Self-Assembly. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4961-4970.	8.0	29
14	Polymer-Templated Formation of Polydopamine-Coated SnO ₂ Nanocrystals: Anodes for Cyclable Lithium-Ion Batteries. <i>Angewandte Chemie</i> , 2017, 129, 1895-1898.	2.0	26
15	Polymer-Templated Formation of Polydopamine-Coated SnO ₂ Nanocrystals: Anodes for Cyclable Lithium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1869-1872.	13.8	260
16	Nonequilibrium Self-Assembly of β -Conjugated Oligopeptides in Solution. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3977-3984.	8.0	26
17	Harnessing Colloidal Crack Formation by Flow-Enabled Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4554-4559.	13.8	38
18	Harnessing Colloidal Crack Formation by Flow-Enabled Self-Assembly. <i>Angewandte Chemie</i> , 2017, 129, 4625-4630.	2.0	4

#	ARTICLE	IF	CITATIONS
19	Titelbild: Harnessing Colloidal Crack Formation by Flow-Enabled Self-Assembly (Angew. Chem. 16/2017). Angewandte Chemie, 2017, 129, 4429-4429.	2.0	2
20	Concentration-Driven Assembly and Sol-Gel Transition of π -Conjugated Oligopeptides. ACS Central Science, 2017, 3, 986-994.	11.3	28
21	Macroscopic Alignment and Assembly of π -Conjugated Oligopeptides Using Colloidal Microchannels. ACS Applied Materials & Interfaces, 2017, 9, 41586-41593.	8.0	13
22	Meniscus-assisted solution printing of large-grained perovskite films for high-efficiency solar cells. Nature Communications, 2017, 8, 16045.	12.8	359
23	Wafer-scale monodomain films of spontaneously aligned single-walled carbon nanotubes. Nature Nanotechnology, 2016, 11, 633-638.	31.5	292
24	A facile and low-cost route to high-aspect-ratio microstructures on silicon via a judicious combination of flow-enabled self-assembly and metal-assisted chemical etching. Journal of Materials Chemistry C, 2016, 4, 8953-8961.	5.5	9
25	<i>In-Situ</i> Crafting of $ZnFe_2O_4$ Nanoparticles Impregnated within Continuous Carbon Network as Advanced Anode Materials. ACS Nano, 2016, 10, 2728-2735.	14.6	192
26	A low-cost fabrication route for silicon microchannels and microgratings with flow-enabled polymer self-assembly patterning and wet etching. , 2015, , .		0
27	Flow-Enabled Self-Assembly of Large-Scale Aligned Nanowires. Angewandte Chemie - International Edition, 2015, 54, 4250-4254.	13.8	65
28	Unconventional seed-mediated growth of ultrathin Au nanowires in aqueous solution. Chemical Science, 2015, 6, 6349-6354.	7.4	23
29	Continuous crafting of uniform colloidal nanocrystals using an inert-gas-driven microflow reactor. Nanoscale, 2015, 7, 9731-9737.	5.6	10
30	Organic-Inorganic Nanocomposites via Placing Monodisperse Ferroelectric Nanocrystals in Direct and Permanent Contact with Ferroelectric Polymers. Journal of the American Chemical Society, 2015, 137, 11760-11767.	13.7	111
31	Ab Initio Simulation of Charge Transfer at the Semiconductor Quantum Dot/ TiO_2 Interface in Quantum Dot-Sensitized Solar Cells. Particle and Particle Systems Characterization, 2015, 32, 80-90.	2.3	33
32	Directing Convection to Pattern Thin Polymer Films: Coffee Rings. , 2015, , 43-71.		1
33	High-speed atomic force microscope imaging: Adaptive multiloop mode. Physical Review E, 2014, 90, 012405.	2.1	19
34	Robust Route to Unimolecular Core-Shell and Hollow Polymer Nanoparticles. Chemistry of Materials, 2014, 26, 6058-6067.	6.7	42
35	Crafting Threads of Diblock Copolymer Micelles <i>via</i> Flow-Enabled Self-Assembly. ACS Nano, 2014, 8, 2936-2942.	14.6	89
36	Variance of Particle Size: Another Monitor to Evaluate Abrasive Wear. Tribology Letters, 2014, 55, 465-472.	2.6	7

#	ARTICLE	IF	CITATIONS
37	Adaptive Multi-Loop Mode Atomic Force Microscope Imaging. , 2014, , .		0
38	An Unconventional Route to Hierarchically Ordered Block Copolymers on a Gradient Patterned Surface through Controlled Evaporative Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1122-1127.	13.8	56
39	Large-Scale Hierarchically Structured Conjugated Polymer Assemblies with Enhanced Electrical Conductivity. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2564-2568.	13.8	79
40	Macroscopic Highly Aligned DNA Nanowires Created by Controlled Evaporative Self-Assembly. <i>ACS Nano</i> , 2013, 7, 4326-4333.	14.6	63
41	Drying-Mediated Assembly of Colloidal Nanoparticles into Large-Scale Microchannels. <i>ACS Nano</i> , 2013, 7, 6079-6085.	14.6	64
42	A Simple Route to Hierarchically Assembled Micelles and Inorganic Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12588-12592.	13.8	50
43	A novel rapid prototyping system for expandable polystyrene. <i>Rapid Prototyping Journal</i> , 2011, 17, 17-27.	3.2	4
44	Guided Organization of λ -DNA into Microring Arrays from Liquid Capillary Bridges. <i>Small</i> , 2011, 7, 1641-1646.	10.0	21
45	Kinetics of Surface Nanocrystallization for Hadfield Steel in Shot Peening. <i>Advanced Science Letters</i> , 2011, 4, 1862-1866.	0.2	1
46	Computer simulation of the two-body abrasion process modeling the particle as a paraboloid of revolution. <i>Journal of Materials Processing Technology</i> , 2009, 209, 6124-6133.	6.3	8
47	Movement patterns of ellipsoidal particle in abrasive flow machining. <i>Journal of Materials Processing Technology</i> , 2009, 209, 6048-6056.	6.3	30
48	Nanostructure Dependence of Field-Effect Mobility in Regioregular Poly(3-hexylthiophene) Thin Film Field Effect Transistors. <i>Journal of the American Chemical Society</i> , 2006, 128, 3480-3481.	13.7	439