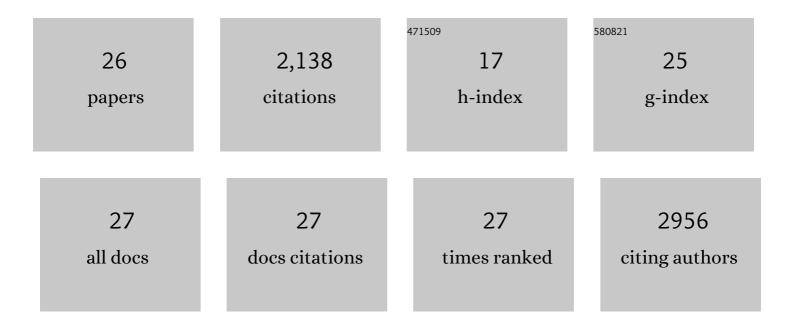
Shaochuan Luo

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Tuning Conjugated Polymer Chain Packing for Stretchable Semiconductors. Advanced Materials, 2022, 34, e2104747.	21.0	47
2	Layered double hydroxide-derived Fe-doped NiSe cathode towardÂstable and high-energy aluminum storage. Materials Today Energy, 2022, 24, 100940.	4.7	4
3	Observation of Stepwise Ultrafast Crystallization Kinetics of Donor–Acceptor Conjugated Polymers and Correlation with Field Effect Mobility. Chemistry of Materials, 2021, 33, 1637-1647.	6.7	17
4	Influence of sideâ \in chain isomerization on the isothermal crystallization kinetics of poly(3â \in alkylthiophenes). Journal of Materials Research, 2021, 36, 191-202.	2.6	8
5	Metal–Ligand Based Mechanophores Enhance Both Mechanical Robustness and Electronic Performance of Polymer Semiconductors. Advanced Functional Materials, 2021, 31, 2009201.	14.9	30
6	Influence of side-chain isomerization on the isothermal crystallization kinetics of poly(3-alkylthiophenes). Journal of Materials Research, 2021, 36, 1-12.	2.6	2
7	Twoâ€Đimensional Covalent Organic Frameworks with Enhanced Aluminum Storage Properties. ChemSusChem, 2020, 13, 3447-3454.	6.8	44
8	F4â€TCNQ as an Additive to Impart Stretchable Semiconductors with High Mobility and Stability. Advanced Electronic Materials, 2020, 6, 2000251.	5.1	54
9	Tacky Elastomers to Enable Tearâ€Resistant and Autonomous Selfâ€Healing Semiconductor Composites. Advanced Functional Materials, 2020, 30, 2000663.	14.9	85
10	A Chitosan/Poly(ethylene oxide)â€Based Hybrid Polymer Composite Electrolyte Suitable for Solidâ€State Lithium Metal Batteries. ChemistrySelect, 2020, 5, 2878-2885.	1.5	13
11	Toward the Prediction and Control of Glass Transition Temperature for Donor–Acceptor Polymers. Advanced Functional Materials, 2020, 30, 2002221.	14.9	46
12	Multiamorphous Phases in Diketopyrrolopyrrole-Based Conjugated Polymers: From Bulk to Ultrathin Films. Macromolecules, 2020, 53, 4480-4489.	4.8	18
13	Conjugated Carbon Cyclic Nanorings as Additives for Intrinsically Stretchable Semiconducting Polymers. Advanced Materials, 2019, 31, e1903912.	21.0	99
14	A high performance SnO ₂ /C nanocomposite cathode for aluminum-ion batteries. Journal of Materials Chemistry A, 2019, 7, 7213-7220.	10.3	73
15	The Critical Role of Electronâ€Donating Thiophene Groups on the Mechanical and Thermal Properties of Donor–Acceptor Semiconducting Polymers. Advanced Electronic Materials, 2019, 5, 1800899.	5.1	89
16	Characterization of Hydrogen Bonding Formation and Breaking in Semiconducting Polymers under Mechanical Strain. Macromolecules, 2019, 52, 2476-2486.	4.8	54
17	Multi-scale ordering in highly stretchable polymer semiconducting films. Nature Materials, 2019, 18, 594-601.	27.5	251
18	Dependences of Confining Size and Interfacial Curvature on the Glass Transition of Polydimethylsiloxane in Selfâ€Assembled Block Copolymers. Macromolecular Chemistry and Physics, 2018, 219, 1700518.	2.2	1

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#	Article	IF	CITATIONS
19	Probing the Viscoelastic Property of Pseudo Freeâ€Standing Conjugated Polymeric Thin Films. Macromolecular Rapid Communications, 2018, 39, e1800092.	3.9	79
20	Interplay between Free Surface and Solid Interface Nucleation on Two-Step Crystallization of Poly(ethylene terephthalate) Thin Films Studied by Fast Scanning Calorimetry. Macromolecules, 2018, 51, 5209-5218.	4.8	26
21	Highly stretchable polymer semiconductor films through the nanoconfinement effect. Science, 2017, 355, 59-64.	12.6	897
22	Phase separation dynamics of a poly(vinyl methyl ether)/polystyrene (<scp>PVME/PS</scp>) blend studied by ultrafast differential scanning calorimetry. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 1357-1364.	2.1	8
23	Synthesis of Siteâ€Specific Dyeâ€Labeled Polymer via Atom Transfer Radical Polymerization (ATRP) for Quantitative Characterization of the Wellâ€Defined Interchain Distance. Macromolecular Rapid Communications, 2017, 38, 1600568.	3.9	8
24	Effect of geometric curvature on vitrification behavior for polymer nanotubes confined in anodic aluminum oxide templates. Physical Review E, 2015, 92, 032306.	2.1	31
25	Sensitive Characterization of the Influence of Substrate Interfaces on Supported Thin Films. Macromolecules, 2014, 47, 6365-6372.	4.8	42
26	Double Glass Transition Temperatures of Poly(methyl methacrylate) Confined in Alumina Nanotube Templates. Macromolecules, 2014, 47, 297-303.	4.8	112