# Yunlong Guo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4545325/publications.pdf

Version: 2024-02-01

| | | 623734 | 552781 |
|---|---|---|---|
| 27 | 756 | 14 | 26 |
| papers | citations | h-index | g-index |

| | | | |
|---|---|---|---|
| 27 | 27 | 27 | 841 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Physical aging of polystyrene blocks under threeâ€dimensional soft confinement in <scp>PSâ€bâ€</scp>poly(nâ€butyl methacrylate) diblock copolymer: Two equilibrations on the way. Journal of Polymer Science, 2021, 59, 300-311. | 3.8 | 2 |
| 2 | Silicon Quantum Dot Luminescent Solar Concentrators and Downshifters with Antireflection Coatings for Enhancing Perovskite Solar Cell Performance. ACS Photonics, 2021, 8, 2392-2399. | 6.6 | 14 |
| 3 | Nanoconfinement Controls Mechanical Properties of Elastomeric Thin Films. Journal of Physical Chemistry Letters, 2021, 12, 8072-8079. | 4.6 | 6 |
| 4 | Bilayer PMMA antireflective coatings via microphase separation and MAPLE. Journal of Polymer Engineering, 2021, 41, 164-173. | 1.4 | 4 |
| 5 | A micro-vibration apparatus for dynamic mechanical analysis of ultrathin polymer films. Review of Scientific Instruments, 2021, 92, 103904. | 1.3 | 1 |
| 6 | Ultrathin salt-free polymer-in-ceramic electrolyte for solid-state sodium batteries. EScience, 2021, 1, 194-202. | 41.6 | 47 |
| 7 | Melt crystallization and segmental dynamics of poly(ethylene oxide) confined in a solid electrolyte composite. Journal of Polymer Science, 2020, 58, 466-477. | 3.8 | 9 |
| 8 | Enhanced Electrorheological Properties of PMMAâ€“Titanium Oxide Nanocomposites. ACS Applied Polymer Materials, 2020, 2, 3411-3421. | 4.4 | 2 |
| 9 | Electric Field Enhances Shear Resistance of Polymer Melts via Orientational Polarization in Microstructures. Polymers, 2020, 12, 335. | 4.5 | 6 |
| 10 | A quantitative correlation between macromolecular crystallinity and ionic conductivity in polymer-ceramic composite solid electrolytes. Materials Today Communications, 2020, 24, 101004. | 1.9 | 14 |
| 11 | Accelerated Aging of PS Blocks in PS-b-PMMA Diblock Copolymer under Hard Confinement. Journal of Physical Chemistry B, 2019, 123, 2448-2453. | 2.6 | 6 |
| 12 | Enthalpy Relaxation and Morphology Evolution in Polystyrene-b-poly(methyl methacrylate) Diblock Copolymer. Macromolecules, 2018, 51, 7368-7376. | 4.8 | 10 |
| 13 | Spatially Distributed Rheological Properties in Confined Polymers by Noncontact Shear. Journal of Physical Chemistry Letters, 2017, 8, 1229-1234. | 4.6 | 21 |
| 14 | Features of structural relaxation in diblock copolymers. Polymer Testing, 2017, 60, 1-5. | 4.8 | 6 |
| 15 | Additive Growth and Crystallization of Polymer Films. Macromolecules, 2016, 49, 2860-2867. | 4.8 | 17 |
| 16 | Characteristic Length of the Glass Transition in Isochorically Confined Polymer Glasses. ACS Macro Letters, 2014, 3, 501-505. | 4.8 | 21 |
| 17 | Nanostructured morphology of polymer films prepared by matrix assisted pulsed laser evaporation. Applied Physics A: Materials Science and Processing, 2013, 110, 771-777. | 2.3 | 20 |
| 18 | Fragility of an Isochorically Confined Polymer Glass. Journal of Physical Chemistry Letters, 2013, 4, 431-436. | 4.6 | 41 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Confined glassy properties of polymer nanoparticles. Journal of Polymer Science, Part B: Polymer Physics, 2013, 51, 574-586. | 2.1 | 30 |
| 20 | Understanding and controlling gold nanoparticle formation from a robust self-assembled cyclodextrin solid template. Journal of Materials Chemistry, 2012, 22, 6017. | 6.7 | 14 |
| 21 | Ultrastable nanostructured polymer glasses. Nature Materials, 2012, 11, 337-343. | 27.5 | 150 |
| 22 | Structural Relaxation of Polymer Nanospheres under Soft and Hard Confinement: Isobaric versus Isochoric Conditions. ACS Nano, 2011, 5, 5365-5373. | 14.6 | 58 |
| 23 | Glass Transition Temperature of Polymer Nanoparticles under Soft and Hard Confinement. Macromolecules, 2011, 44, 4001-4006. | 4.8 | 179 |
| 24 | Modeling mechanical aging shift factors in glassy polymers during nonisothermal physical aging. I. Experiments and KAHRâ€a<sub>te</sub> model prediction. Journal of Polymer Science, Part B: Polymer Physics, 2009, 47, 340-352. | 2.1 | 13 |
| 25 | Long-term creep of polyphenylene sulfide (PPS) subjected to complex thermal histories: The effects of nonisothermal physical aging. Polymer, 2009, 50, 4048-4055. | 3.8 | 25 |
| 26 | Isothermal physical aging characterization ofÂPolyether-ether-ketone (PEEK) and Polyphenylene sulfide (PPS) films by creep and stress relaxation. Mechanics of Time-Dependent Materials, 2007, 11, 61-89. | 4.4 | 36 |
| 27 | Segmental and interfacial dynamics quantitatively determine ion transport in solid polymer composite electrolytes. Journal of Applied Polymer Science, 0, , 52143. | 2.6 | 4 |