

Takashi Sasaki

List of Publications by Year in descending order

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36
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490
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Adsorption Kinetics of Polystyrene and Poly(9-anthracenyl methyl methacrylate) onto SiO ₂ Surface Measured by Chip Nano-Calorimetry. <i>Polymers</i> , 2022, 14, 605. | 4.5 | 4 |
| 2 | Polymer Dynamics: Bulk and Nanoconfined Polymers. <i>Polymers</i> , 2022, 14, 1271. | 4.5 | 1 |
| 3 | Glass transition and fragility of nanosized polymeric fibers and spheres predicted from a surface-controlled model. <i>Polymer Journal</i> , 2021, 53, 363-372. | 2.7 | 3 |
| 4 | A Dynamically Correlated Network Model for the Collective Dynamics in Glass-Forming Molecular Liquids and Polymers. <i>Polymers</i> , 2021, 13, 3424. | 4.5 | 3 |
| 5 | Silica/polymer core-shell particles prepared via soap-free emulsion polymerization. <i>E-Polymers</i> , 2020, 20, 254-261. | 3.0 | 4 |
| 6 | Glass transition of a polystyrene surface as detected via two-dimensional diffusion of Au atoms during physical vapor deposition. <i>Polymer</i> , 2019, 178, 121577. | 3.8 | 1 |
| 7 | Segmental dynamics of free-standing and supported polymer thin films predicted from a surface-controlled model. <i>Polymer</i> , 2019, 172, 265-271. | 3.8 | 6 |
| 8 | Glass transition at the polystyrene/polyethylene glycol interface observed via contact angle measurements. <i>Polymer Journal</i> , 2019, 51, 481-488. | 2.7 | 6 |
| 9 | Rapid crystallization and mesophase formation of poly(L-lactic acid) during precipitation from a solution. <i>E-Polymers</i> , 2018, 18, 331-337. | 3.0 | 6 |
| 10 | Cooperativity of dynamics in supercooled polymeric materials and its temperature dependence predicted from a surface controlled model. <i>European Polymer Journal</i> , 2018, 99, 485-494. | 5.4 | 8 |
| 11 | Interfacial Effects on the Spherulitic Morphology of Isotactic Polystyrene Thin Films on Liquid Substrates. <i>Advances in Materials Science and Engineering</i> , 2016, 2016, 1-8. | 1.8 | 1 |
| 12 | Spiral crack patterns observed for melt-grown spherulites of poly(L-lactic acid) upon quenching. <i>European Physical Journal E</i> , 2016, 39, 41. | 1.6 | 11 |
| 13 | Correlation between fragility and cooperativity in segmental dynamics of glass-forming para-substituted polystyrenes. <i>Polymer Journal</i> , 2015, 47, 687-694. | 2.7 | 12 |
| 14 | Preparation and Drug-Release Kinetics of Porous Poly(L-lactic acid)/Rifampicin Blend Particles. <i>ISRN Polymer Science</i> , 2014, 2014, 1-6. | 0.3 | 6 |
| 15 | Melting of poly(μ -caprolactone) studied by step-heating calorimetry. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 111, 717-724. | 3.6 | 14 |
| 16 | Glass transition properties of PMMA thin shells deposited on rodlike calcium carbonate particles. <i>Polymer Journal</i> , 2011, 43, 464-470. | 2.7 | 4 |
| 17 | Preparation and glass transition of crosslinked poly(vinyl acetate) thin shells on the surface of a calcium carbonate core. <i>Polymer Journal</i> , 2011, 43, 881-886. | 2.7 | 3 |
| 18 | Origin of enhanced cold crystallization rate for freeze-dried poly(L-lactide) from solutions. <i>Polymer Engineering and Science</i> , 2011, 51, 1858-1865. | 3.1 | 10 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Chitosan Derivatives/Calcium Carbonate Composite Capsules Prepared by the Layer-by-Layer Deposition Method II Stabilization of the Shell by Crosslinking. <i>Journal of Nanomaterials</i> , 2011, 2011, 1-7. | 2.7 | 6 |
| 20 | Morphology and Release Kinetics of Protein-Loaded Porous Poly(L-Lactic Acid) Spheres Prepared by Freeze-Drying Technique. <i>ISRN Pharmaceutics</i> , 2011, 2011, 1-8. | 1.0 | 1 |
| 21 | Formation of Porous Spherulites of Poly(L-lactide) Grown from Solutions. <i>Polymer Journal</i> , 2009, 41, 787-791. | 2.7 | 8 |
| 22 | Glass transition and its characteristic length for thin crosslinked polystyrene shells of rodlike capsules. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 2116-2125. | 2.1 | 14 |
| 23 | Chitosan Derivatives/Calcium Carbonate Composite Capsules Prepared by the Layer-by-Layer Deposition Method. <i>Journal of Nanomaterials</i> , 2008, 2008, 1-8. | 2.7 | 9 |
| 24 | Effect of crosslink on the characteristic length of glass transition of network polymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006, 44, 1958-1966. | 2.1 | 48 |
| 25 | Glass transition of crosslinked polystyrene shells formed on the surface of calcium carbonate whisker. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2006, 44, 2475-2485. | 2.1 | 12 |
| 26 | Core/Shell and Hollow Polymeric Capsules Prepared from Calcium Carbonate Whisker. <i>Polymer Journal</i> , 2005, 37, 434-438. | 2.7 | 8 |
| 27 | Differential scanning calorimetry study on thermal behaviors of freeze-dried poly(L-lactide) from dilute solutions. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005, 43, 115-124. | 2.1 | 30 |
| 28 | Circular dichroism induced by the helical conformations of acylated chitosan derivatives bearing cinnamate chromophores. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005, 43, 1354-1364. | 2.1 | 18 |
| 29 | Spectroscopic studies of the conformational properties of naphthoyl chitosan in dilute solutions. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004, 42, 2747-2758. | 2.1 | 8 |
| 30 | Preparation of benzoylchitosans and their chiroptical properties in dilute solutions. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004, 42, 4107-4115. | 2.1 | 5 |
| 31 | Multiple melting behavior of syndiotactic 1,2-polybutadiene. <i>Polymer Engineering and Science</i> , 2003, 43, 629-638. | 3.1 | 23 |
| 32 | Photophysics of novel 2,6-disubstituted benzobisthiazoles possessing chromophoric groups. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 1381-1385. | 2.8 | 4 |
| 33 | Glass transition of small polystyrene spheres in aqueous suspensions. <i>Journal of Chemical Physics</i> , 2003, 119, 8730-8735. | 3.0 | 100 |
| 34 | Primary Nucleation Rate and Radial Growth Rate of Poly(ethylene oxide) Spherulite in Viscous Solutions. <i>Polymer Journal</i> , 2000, 32, 263-268. | 2.7 | 9 |
| 35 | Structure of freeze-dried atactic polystyrene from dilute solutions. <i>Polymer</i> , 1998, 39, 3853-3857. | 3.8 | 16 |
| 36 | Spherulitic Growth of Poly(ethylene oxide) from Viscous Solution. <i>Polymer Journal</i> , 1998, 30, 868-873. | 2.7 | 4 |