

Yuichi Tominaga

List of Publications by Year in descending order

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37
papers

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758635

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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Molecularly Imprinted Polymers for Selective Adsorption of Lysozyme and Cytochrome <i>c</i> Using a PEG-Based Hydrogel: Selective Recognition for Different Conformations Due to pH Conditions. <i>Macromolecules</i> , 2015, 48, 4081-4087. | 2.2 | 49 |
| 2 | Effective Recognition on the Surface of a Polymer Prepared by Molecular Imprinting Using Ionic Complex. <i>Macromolecules</i> , 2009, 42, 2911-2915. | 2.2 | 34 |
| 3 | Surface modification of TiO ₂ for selective photodegradation of toxic compounds. <i>Catalysis Communications</i> , 2011, 12, 785-789. | 1.6 | 33 |
| 4 | Effective determination of a pharmaceutical, sulphiride, in river water by online SPE-LC-MS using a molecularly imprinted polymer as a preconcentration medium. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 89, 111-117. | 1.4 | 33 |
| 5 | Development of a C ₆₀ -fullerene bonded open-tubular capillary using a photo/thermal active agent for liquid chromatographic separations by π - π interactions. <i>Journal of Chromatography A</i> , 2014, 1323, 174-178. | 1.8 | 27 |
| 6 | Nanocelluloses and Related Materials Applicable in Thermal Management of Electronic Devices: A Review. <i>Nanomaterials</i> , 2020, 10, 448. | 1.9 | 27 |
| 7 | Cellulose nanofiber/nanodiamond composite films: Thermal conductivity enhancement achieved by a tuned nanostructure. <i>Advanced Powder Technology</i> , 2018, 29, 972-976. | 2.0 | 24 |
| 8 | Effect of the addition of Al ₂ O ₃ and h-BN fillers on the thermal conductivity of a cellulose nanofiber/nanodiamond composite film. <i>Cellulose</i> , 2019, 26, 5281-5289. | 2.4 | 23 |
| 9 | Wet-jet milling-assisted exfoliation of h-BN particles with lamination structure. <i>Ceramics International</i> , 2015, 41, 10512-10519. | 2.3 | 20 |
| 10 | Improvement of thermal conductivity of composite film composed of cellulose nanofiber and nanodiamond by optimizing process parameters. <i>Cellulose</i> , 2018, 25, 3973-3983. | 2.4 | 16 |
| 11 | Development of molecularly imprinted porous polymers for selective adsorption of gaseous compounds. <i>Microporous and Mesoporous Materials</i> , 2012, 156, 161-165. | 2.2 | 14 |
| 12 | Effect of microwave irradiation on carbon fiber/epoxy resin composite fabricated by vacuum assisted resin transfer molding. <i>Advanced Composite Materials</i> , 2016, 25, 71-79. | 1.0 | 12 |
| 13 | Improving thermal and mechanical properties of biomass-based polymers using structurally ordered polyesters from ricinoleic acid and 4-hydroxycinnamic acids. <i>RSC Advances</i> , 2020, 10, 36562-36570. | 1.7 | 12 |
| 14 | Selective Adsorption of Water-soluble Ionic Compounds by an Interval Immobilization Technique Based on Molecular Imprinting. <i>Analytical Sciences</i> , 2008, 24, 1633-1636. | 0.8 | 11 |
| 15 | Synthesis of poly(ethylene glycol)-based hydrogels and their swelling/shrinking response to molecular recognition. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3153-3158. | 2.5 | 11 |
| 16 | A facile method to prepare layered solid fillers-based polymer composites with isotropic thermal conductivity. <i>Composites Part A: Applied Science and Manufacturing</i> , 2022, 154, 106776. | 3.8 | 11 |
| 17 | Curing Effects on Interfacial Adhesion between Recycled Carbon Fiber and Epoxy Resin Heated by Microwave Irradiation. <i>Materials</i> , 2018, 11, 493. | 1.3 | 10 |
| 18 | Quantitative evaluation of interfacial adhesion between fiber and resin in carbon fiber/epoxy composite cured by semiconductor microwave device. <i>Composite Interfaces</i> , 2016, 23, 395-404. | 1.3 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Spontaneous water cleanup using an epoxy-based polymer monolith. <i>Analytical Methods</i> , 2010, 2, 570. | 1.3 | 8 |
| 20 | Antibacterial activities effectuated by co-continuous epoxy-based polymer materials. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 107, 53-58. | 2.5 | 8 |
| 21 | Exfoliation of hexagonal boron nitride using wet-rotating disc milling. <i>Journal of the Ceramic Society of Japan</i> , 2015, 123, 512-515. | 0.5 | 8 |
| 22 | Exfoliation of non-swelling muscovite on dodecylammonium chloride intercalation between layers using wet-jet milling. <i>Advanced Powder Technology</i> , 2017, 28, 1911-1919. | 2.0 | 8 |
| 23 | Fiber orientation and flexural properties of short carbon fiber/epoxy composites. <i>Journal of the Ceramic Society of Japan</i> , 2016, 124, 125-128. | 0.5 | 6 |
| 24 | High-Throughput Dimensional Evaluation of Hexagonal Boron Nitride 2D Nanomaterials. <i>Crystal Research and Technology</i> , 2019, 54, 1800249. | 0.6 | 6 |
| 25 | Deformation capability of poly(tetrafluoroethylene) materials: Estimation with X-ray diffraction measurements. <i>Polymer Testing</i> , 2022, 113, 107690. | 2.3 | 6 |
| 26 | Tunable Molecular Sieving in Gel Electrophoresis Using a Poly(ethylene glycol)-Based Hydrogel. <i>Chromatography</i> , 2014, 35, 81-86. | 0.8 | 5 |
| 27 | Synthesis of novel polymer type sulfoxide solid phase combined with the porogen imprinting for enabling selective separation of polychlorinated biphenyls. <i>Chemosphere</i> , 2012, 89, 378-382. | 4.2 | 4 |
| 28 | Improvement of thermal and mechanical properties of carbon fiber reinforced plastic composite with exfoliated hexagonal boron nitride particles. <i>Journal of the Ceramic Society of Japan</i> , 2016, 124, 808-812. | 0.5 | 4 |
| 29 | Computational prediction of microstructures in $\text{Al}_2\text{O}_3/\text{PMMA}$ composites and its experimental verification. <i>Polymer Composites</i> , 2022, 43, 339-346. | 2.3 | 4 |
| 30 | Simultaneous attainment of particle dispersion and surface modification of Al_2O_3 nanoparticles via wet-jet milling. <i>Journal of Composite Materials</i> , 2021, 55, 521-530. | 1.2 | 3 |
| 31 | Rapid separations by LC using ion-exchange media based on spongy monoliths. <i>Journal of Separation Science</i> , 2013, 36, 2813-2818. | 1.3 | 2 |
| 32 | Effect of resin chemical structure on the dispersibility of hexagonal boron nitride. <i>Composite Interfaces</i> , 2020, 27, 967-975. | 1.3 | 2 |
| 33 | Improvement of thermal propagation in carbon fiber/thermoplastic composite with hexagonal boron nitride powder. <i>Journal of the Ceramic Society of Japan</i> , 2015, 123, 1055-1058. | 0.5 | 1 |
| 34 | Hybridization of a Macroporous Sponge and Spherical Microporous Adsorbents for High Throughput Separation of Ionic Solutes. <i>Analytical Sciences</i> , 2013, 29, 417-421. | 0.8 | 0 |
| 35 | Influence of Thermal Effusivity of Ceramic Dense Mold on Microwave-heating of Carbon Fiber Reinforced Plastic. <i>Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2017, 64, 532-537. | 0.1 | 0 |
| 36 | Effect of wet-rotating disc milling process for preparation of stable dispersed Al_2O_3 slurries and dense green bodies. <i>Materials Today: Proceedings</i> , 2019, 16, 163-172. | 0.9 | 0 |

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|----|--|-----|-----------|
| 37 | Investigation on the Stability of Plasma-modified Carbon Fiber Surface and Its Improved Interfacial Adhesion in a Polypropylene Matrix. Seikei-Kakou, 2018, 30, 475-478. | 0.0 | 0 |