

Yuichi Tominaga

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Deformation capability of poly(tetrafluoroethylene) materials: Estimation with X-ray diffraction measurements. <i>Polymer Testing</i> , 2022, 113, 107690.	2.3	6
4	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
5	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
6	Nanocelluloses and Related Materials Applicable in Thermal Management of Electronic Devices: A Review. <i>Nanomaterials</i> , 2020, 10, 448.	1.9	27
7	Effect of resin chemical structure on the dispersibility of hexagonal boron nitride. <i>Composite Interfaces</i> , 2020, 27, 967-975.	1.3	2
8	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
9	High-Throughput Dimensional Evaluation of Hexagonal Boron Nitride 2D Nanomaterials. <i>Crystal Research and Technology</i> , 2019, 54, 1800249.	0.6	6
10	Effect of the addition of Al_2O_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
11	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
12	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
13	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
14	Investigation on the Stability of Plasma-modified Carbon Fiber Surface and Its Improved Interfacial Adhesion in a Polypropylene Matrix. <i>Seikei-Kakou</i> , 2018, 30, 475-478.	0.0	0
15	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
16	Influence of Thermal Effusivity of Ceramic Dense Mold on Microwave-heating of Carbon Fiber Reinforced Plastic. <i>Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2017, 64, 532-537.	0.1	0
17	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
18	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

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19	Fiber orientation and flexural properties of short carbon fiber/epoxy composites. Journal of the Ceramic Society of Japan, 2016, 124, 125-128.	0.5	6
20	Improvement of thermal and mechanical properties of carbon fiber reinforced plastic composite with exfoliated hexagonal boron nitride particles. Journal of the Ceramic Society of Japan, 2016, 124, 808-812.	0.5	4
21	Exfoliation of hexagonal boron nitride using wet-rotating disc milling. Journal of the Ceramic Society of Japan, 2015, 123, 512-515.	0.5	8
22	Improvement of thermal propagation in carbon fiber/thermoplastic composite with hexagonal boron nitride powder. Journal of the Ceramic Society of Japan, 2015, 123, 1055-1058.	0.5	1
23	Wet-jet milling-assisted exfoliation of h-BN particles with lamination structure. Ceramics International, 2015, 41, 10512-10519.	2.3	20
24	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. Macromolecules, 2015, 48, 4081-4087.	2.2	49
25	Tunable Molecular Sieving in Gel Electrophoresis Using a Poly(ethylene glycol)-Based Hydrogel. Chromatography, 2014, 35, 81-86.	0.8	5
26	Effective determination of a pharmaceutical, sulphiride, in river water by online SPE-LC-MS using a molecularly imprinted polymer as a preconcentration medium. Journal of Pharmaceutical and Biomedical Analysis, 2014, 89, 111-117.	1.4	33
27	Development of a C60-fullerene bonded open-tubular capillary using a photo/thermal active agent for liquid chromatographic separations by π - π interactions. Journal of Chromatography A, 2014, 1323, 174-178.	1.8	27
28	Antibacterial activities effectuated by co-continuous epoxy-based polymer materials. Colloids and Surfaces B: Biointerfaces, 2013, 107, 53-58.	2.5	8
29	Synthesis of poly(ethylene glycol)-based hydrogels and their swelling/shrinking response to molecular recognition. Journal of Polymer Science Part A, 2013, 51, 3153-3158.	2.5	11
30	Rapid separations by LC using ion-exchange media based on spongy monoliths. Journal of Separation Science, 2013, 36, 2813-2818.	1.3	2
31	Hybridization of a Macroporous Sponge and Spherical Microporous Adsorbents for High Throughput Separation of Ionic Solutes. Analytical Sciences, 2013, 29, 417-421.	0.8	0
32	Synthesis of novel polymer type sulfoxide solid phase combined with the porogen imprinting for enabling selective separation of polychlorinated biphenyls. Chemosphere, 2012, 89, 378-382.	4.2	4
33	Development of molecularly imprinted porous polymers for selective adsorption of gaseous compounds. Microporous and Mesoporous Materials, 2012, 156, 161-165.	2.2	14
34	Surface modification of TiO ₂ for selective photodegradation of toxic compounds. Catalysis Communications, 2011, 12, 785-789.	1.6	33
35	Spontaneous water cleanup using an epoxy-based polymer monolith. Analytical Methods, 2010, 2, 570.	1.3	8
36	Effective Recognition on the Surface of a Polymer Prepared by Molecular Imprinting Using Ionic Complex. Macromolecules, 2009, 42, 2911-2915.	2.2	34

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37	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