

Fumio Munakata

List of Publications by Year in descending order

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papers

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1163117

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193
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of dispersant viscosity for self-assembly process of barium titanate aggregates in material texture of polyvinylidene fluoride composites – evaluation of multifractal dimension ($D(q) = 0, 1, 2$) and dielectric properties. Journal of the Ceramic Society of Japan, 2022, 130, 21-28.	1.1	6
2	Material Texture and \hat{I}^2 Phase Transition of Self-assembled BaTiO ₃ /Polyvinylidene Fluoride Composites. Funtai Oyobi Fummatsumu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2022, 69, 195-199.	0.2	3
3	Morphological characteristics of self-assembled aggregate textures using multifractal analysis: Interpretation of Multifractal $\langle I^q \rangle$ Using Simulations. Physica A: Statistical Mechanics and Its Applications, 2022, 603, 127771.	2.6	4
4	Multifractal characteristics of the self-assembly material texture of \hat{I}^2 -Si ₃ N ₄ /SUS316L austenitic stainless steel composites. Journal of Alloys and Compounds, 2021, 853, 156570.	5.5	12
5	Effect of ceramics/polymer heterointerface on dielectric property of self-assembled BaTiO ₃ /poly-L-lactic acid composite materials. Journal of the Ceramic Society of Japan, 2021, 129, 135-142.	1.1	8
6	Quantitative evaluation of morphological characteristics of self-assembled aggregates using multifractal analysis. Physica A: Statistical Mechanics and Its Applications, 2021, 581, 126219.	2.6	5
7	Effect of site ion nonstoichiometry on the chemical stability and electric conductivity of strontium and magnesium-doped lanthanum gallate. Journal of the American Ceramic Society, 2020, 103, 790-799.	3.8	4
8	Fractal Characters and Thermal Conductive Properties of Self-assembled Material Texture of Silicon Nitride/Stainless Steel (SUS316L) Composites. Funtai Oyobi Fummatsumu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2020, 67, 307-312.	0.2	2
9	Properties of Biopolymers Detection with Piezoelectric Polymer Biosensor in Relaxation Behavior Process. IEEJ Transactions on Sensors and Micromachines, 2020, 140, 43-49.	0.1	5
10	Fractal Characters of Material Texture of Self-assembled BaTiO ₃ /Poly-L-Lactic-Acid Composites. Funtai Oyobi Fummatsumu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2019, 66, 122-127.	0.2	7
11	Effect of self-assembly material texture and dielectric properties of BaTiO ₃ /poly-l-lactic-acid composites. Materials Letters, 2018, 221, 147-149.	2.6	11
12	Particulate matter oxidation on Ruddlesden-Popper-type, La _{1.8} Sr _{1.2} Mn ₂ O ₇ . Journal of the Ceramic Society of Japan, 2011, 119, 85-87.	1.1	5
13	Emission color tuning of laminated and mixed SiAlON phosphor films by electrophoretic deposition. Journal of the Ceramic Society of Japan, 2010, 118, 1-4.	1.1	20
14	Fast Oxide Ion Conduction Due to Carbonate Substitution in Hydroxyapatite. Journal of the American Ceramic Society, 2010, 93, 3577-3579.	3.8	18
15	Electrophoretic Deposition of LDC/LSGM/LDC Tri-layers on NiO-YSZ for Anode-supported SOFC. Transactions of the Materials Research Society of Japan, 2010, 35, 723-725.	0.2	2
16	Fabrication of GDC/LSGM/GDC tri-layers on polypyrrole-coated NiO-YSZ by electrophoretic deposition for anode-supported SOFC. Journal of the Ceramic Society of Japan, 2009, 117, 1246-1248.	1.1	20
17	Electrophoretic deposition of Eu ²⁺ doped Ca-ALPHA-SiAlON phosphor particles for packaging of flat pseudo-white light emitting devices. Journal of the Ceramic Society of Japan, 2008, 116, 740-743.	1.1	13
18	Thermal Conductivity of Gas-Pressure-Sintered Silicon Nitride. Journal of the American Ceramic Society, 1996, 79, 2878-2882.	3.8	90

#	ARTICLE	IF	CITATIONS
19	Self-assembly process under a solid-state reaction of $\hat{\text{I}}^2\text{-Si}_3\text{N}_4$ /austenitic stainless-steel composites: stirring conditions and material texture. Journal of Composite Materials, 0, , 002199832110573.	2.4	3