Kenichiro Kosugi

List of Publications by Year
in descending order

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23	247	1163117 8	996975 15
papers	citations	h-index	g-index

23	23	23	180
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of non-rubber components on the mechanical properties of natural rubber. Polymers for Advanced Technologies, 2017, 28, 159-165.	3.2	51
2	Natural rubber with nanomatrix of non-rubber components observed by focused ion beam-scanning electron microscopy. Colloid and Polymer Science, 2015, 293, 135-141.	2.1	24
3	Preparation of polymer electrolyte membrane with nanomatrix channel through sulfonation of natural rubber grafted with polystyrene. Solid State Ionics, 2014, 268, 191-197.	2.7	20
4	Preparation and characterization of natural rubber with soft nanomatrix structure. Colloid and Polymer Science, 2012, 290, 1457-1462.	2.1	18
5	Preparation and characterization of poly(stearyl methacrylate) grafted natural rubber in latex stage. Polymer, 2016, 88, 43-51.	3.8	17
6	Interaction and transfer of charged particles from an alternating current glow discharge in liquids: Application to silver nanoparticle synthesis. Journal of Applied Physics, 2019, 125, .	2.5	15
7	Organicâ€“inorganic nanomatrix structure and properties of related naturally occurring rubbery macromolecules. Polymer, 2014, 55, 5024-5027.	3.8	14
8	Size/shape control of gold nanoparticles synthesized by alternating current glow discharge over liquid: the role of pH. Materials Research Express, 2019, 6, 095074.	1.6	14
9	Preparation of Cu2Sn1-Ge S3 bulk single crystals by chemical vapor transport with iodine. Journal of Crystal Growth, 2018, 498, 258-262.	1.5	9
10	Polymer electrolyte membrane with nanomatrix channel prepared by sulfonation of natural rubber grafted with polystyrene. Journal of Applied Polymer Science, 2011, 122, 2403-2414.	2.6	8
11	Formation of organicâ€“inorganic nanomatrix structure with nanosilica networks and its effect on properties of rubber. Polymer, 2016, 102, 106-111.	3.8	8
12	Characterization of brominated natural rubber by solution-state 2D NMR spectroscopy. Reactive and Functional Polymers, 2017, 113, 6-12.	4.1	8
13	Entropic and Energetic Elasticities of Natural Rubber with a Nanomatrix Structure. Langmuir, 2020, 36, 11341-11348.	3.5	8
14	Preparation and graftâ€copolymerization of hydrogenated natural rubber in latex stage. Journal of Applied Polymer Science, 2015, 132, .	2.6	7
15	Modification of Vietnam Natural Rubber via Graft Copolymerization with Styrene. Journal of the Brazilian Chemical Society, 0, , .	0.6	7
16	Effect of strainâ€induced crystallization on the tear strength of natural rubber/styrene butadiene rubber blend. Advances in Polymer Technology, 2018, 37, 1850-1858.	1.7	5
17	FIB processing for natural rubber with nanomatrix structure. Polymer, 2015, 57, 143-149.	3.8	4
18	Latex-state NMR spectroscopy for quantitative analysis of epoxidized deproteinized natural rubber. Polymers for Advanced Technologies, 2017, 28, 1156-1161.	3.2	4

#	Article	IF	Citations
19	Frozen non-equilibrium structure for anisotropically deformed natural rubber with nanomatrix structure observed by 3D FIB-SEM and electron tomography. Colloid and Polymer Science, 2015, 293, 2555-2563.	2.1	3
20	Prevulcanization of isoprene rubber latex. Colloid and Polymer Science, 2015, 293, 1457-1464.	2.1	2
21	Study on the Resolution of Latex-State NMR spectroscopy. Kobunshi Ronbunshu, 2015, 72, 22-30.	0.2	1
22	Reactive Mixing and Mechanical Property of Poly(lactic acid)/Epoxidized Natural Rubber Blend. Kobunshi Ronbunshu, 2015, 72, 124-129.	0.2	0
23	Synthesis Silver Nanoparticles via Reduction Reaction by AC Glow Discharge at Atmospheric Pressure with Liquid. , 2018, , .		0