

Samuel Kenig

List of Publications by Year in descending order

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48
papers

1,176
citations

448610

19
h-index

445137

33
g-index

49
all docs

49
docs citations

49
times ranked

1730
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanotechnology-based thermosets. , 2022, , 833-890.		1
2	Radiation curing thermosets. , 2022, , 891-915.		2
3	Hybrid Sol-Gel Superhydrophobic Coatings Based on Alkyl Silane-Modified Nanosilica. <i>Polymers</i> , 2021, 13, 539.	2.0	19
4	Silane-Modified Graphene Oxide as a Compatibilizer and Reinforcing Nanoparticle for Immiscible PP/PA Blends. <i>Polymer Engineering and Science</i> , 2020, 60, 180-191.	1.5	17
5	Poly (Dimethylsiloxane) Coating for Repellency of Polar and Non-Polar Liquids. <i>Polymers</i> , 2020, 12, 2423.	2.0	2
6	Polymers in the Medical Antiviral Front-Line. <i>Polymers</i> , 2020, 12, 1727.	2.0	26
7	Electrical Properties Enhancement of Carbon Nanotube Yarns by Cyclic Loading. <i>Molecules</i> , 2020, 25, 4824.	1.7	8
8	Silica aerogels as hosting matrices for WS ₂ nanotubes and their optical characterization. <i>Journal of Materials Science</i> , 2020, 55, 7612-7623.	1.7	8
9	The effect of composite interface morphology on wetting states for nanocomposite superhydrophobic coating. <i>Surface and Coatings Technology</i> , 2020, 387, 125457.	2.2	7
10	The effect of brominated epoxy on epoxy/phenolic reactive blends. <i>Journal of Applied Polymer Science</i> , 2019, 136, 47172.	1.3	4
11	Broadband dielectric and ultrasonic properties of WS ₂ nanotubes/polyurethane composites. <i>Polymer Composites</i> , 2018, 39, 4477-4485.	2.3	2
12	Enhancement of mechanical and electrical properties of continuous-fiber-reinforced epoxy composites with stacked graphene. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 1909-1918.	1.5	5
13	Dielectric and Electrical Properties of WS ₂ Nanotubes/Epoxy Composites and Their Use for Stress Monitoring of Structures. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-13.	1.5	12
14	The effect of composition and thermodynamics on the surface morphology of durable superhydrophobic polymer coatings. <i>Nanotechnology, Science and Applications</i> , 2017, Volume 10, 53-68.	4.6	15
15	Easy-to-Clean Superhydrophobic Coatings Based on Sol-Gel Technology: A Critical Review. <i>Reviews of Adhesion and Adhesives</i> , 2017, 5, 325-360.	3.3	10
16	Analysis of variance in capillary rheometry. <i>Polymer Engineering and Science</i> , 2016, 56, 895-904.	1.5	4
17	Thermomechanical Mechanisms of Reducing Ice Adhesion on Superhydrophobic Surfaces. <i>Langmuir</i> , 2016, 32, 9664-9675.	1.6	23
18	Carbon and Tungsten Disulfide Nanotubes and Fullerene-like Nanostructures in Thermoset Adhesives: A Critical Review. <i>Reviews of Adhesion and Adhesives</i> , 2015, 3, 311-363.	3.3	9

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19	Durable bonding of silica nanoparticles to polymers by photoradiation for control of surface properties. <i>Polymers for Advanced Technologies</i> , 2014, 25, 723-731.	1.6	8
20	Viscosity Ratio and Interfacial Tension as Carbon Nanotubes Distributing Factors in Melt-Mixed Blends of Polyamide 12 and High-Density Polyethylene. <i>Advances in Polymer Technology</i> , 2014, 33, .	0.8	23
21	The effect of tungsten disulphide nanoparticles on the properties of polyurethane adhesives. <i>Journal of Adhesion Science and Technology</i> , 2014, 28, 38-52.	1.4	15
22	The effect of tungsten disulfide nanotubes on the properties of silicone adhesives. <i>International Journal of Adhesion and Adhesives</i> , 2014, 55, 77-81.	1.4	6
23	The effect of multiwall carbon nanotubes on the properties of room temperature-vulcanized silicone adhesives. <i>Journal of Adhesion Science and Technology</i> , 2014, 28, 1661-1676.	1.4	4
24	Super-hydrophilic coatings based on silica nanoparticles. <i>Journal of Adhesion Science and Technology</i> , 2014, 28, 466-478.	1.4	23
25	Pyridine modified polyethylene copolymer compatibilizer for melt blended carbon nanotube composites: effects of chain structure and matrix viscosity. <i>Polymers for Advanced Technologies</i> , 2014, 25, 1509-1514.	1.6	1
26	Bisphenol-A free dental polymeric materials. <i>Journal of Adhesion Science and Technology</i> , 2013, 27, 354-370.	1.4	3
27	The effect of carbon nanotubes on the thermal expansion isotropy of injection molded carbon fiber reinforced thermoplastics. <i>Polymer Composites</i> , 2013, 34, 1367-1374.	2.3	6
28	Hierarchical Structures Composed of Confined Carbon Nanotubes in Cocontinuous Ternary Polymer Blends. <i>Macromolecules</i> , 2013, 46, 1851-1859.	2.2	53
29	Improving Weld Line Strength of Fiber Reinforced Plastics By Means of a "Flow Disruptor". <i>International Polymer Processing</i> , 2013, 28, 314-321.	0.3	1
30	Do Self-cleaning Surfaces Repel Ice?. <i>Journal of Adhesion Science and Technology</i> , 2012, 26, 701-714.	1.4	36
31	Characterization of Hybrid Epoxy Nanocomposites. <i>Nanomaterials</i> , 2012, 2, 348-365.	1.9	16
32	The effect of carbon nanotubes on the rheology and electrical resistivity of polyamide 12/high density polyethylene blends. <i>Polymer</i> , 2011, 52, 5085-5091.	1.8	69
33	Impact of injection-molding processing parameters on the electrical, mechanical, and thermal properties of thermoplastic/carbon nanotube nanocomposites. <i>Journal of Applied Polymer Science</i> , 2011, 120, 70-78.	1.3	20
34	The Effect of WS ₂ Nanotubes on the Properties of Epoxy-Based Nanocomposites. <i>Journal of Adhesion Science and Technology</i> , 2011, 25, 1603-1617.	1.4	57
35	Barrier and mechanical properties of nanocomposites based on polymer blends and organoclays. <i>Journal of Applied Polymer Science</i> , 2010, 116, 72-83.	1.3	17
36	The Effect of Tungsten Sulfide Fullerene-Like Nanoparticles on the Toughness of Epoxy Adhesives. <i>Journal of Adhesion Science and Technology</i> , 2010, 24, 1083-1095.	1.4	61

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37	The effect of hyperbranched polymers on processing and thermal stability of biodegradable polyesters. <i>Polymer Engineering and Science</i> , 2009, 49, 559-566.	1.5	7
38	Self-cleaning coatings. <i>Surface Engineering</i> , 2009, 25, 89-92.	1.1	21
39	The Relationship between Water Wetting and Ice Adhesion. <i>Journal of Adhesion Science and Technology</i> , 2009, 23, 1907-1915.	1.4	143
40	Nanotailoring of Nanocomposite Hydrogels Containing POSS. <i>Polymer Bulletin</i> , 2008, 61, 257-265.	1.7	16
41	Durable ultra-hydrophobic surfaces for self-cleaning applications. <i>Polymers for Advanced Technologies</i> , 2008, 19, 1684-1691.	1.6	19
42	The effect of polymer surface on the wetting and adhesion of liquid systems. <i>Journal of Adhesion Science and Technology</i> , 2007, 21, 227-241.	1.4	79
43	Transparent ultra-hydrophobic surfaces. <i>Journal of Adhesion Science and Technology</i> , 2007, 21, 399-408.	1.4	36
44	Hydrophobic and self-cleaning coatings. <i>Polymers for Advanced Technologies</i> , 2007, 18, 746-750.	1.6	60
45	The effects of nanostructure and composition on the hydrophobic properties of solid surfaces. <i>Journal of Adhesion Science and Technology</i> , 2006, 20, 563-587.	1.4	34
46	The Effect of Nanoclays on the Properties of PLLA-modified Polymers Part 1: Mechanical and Thermal Properties. <i>Journal of Polymers and the Environment</i> , 2006, 14, 171-177.	2.4	100
47	Polyurethane adhesives containing functionalized nanoclays. <i>Journal of Adhesion Science and Technology</i> , 2006, 20, 1345-1355.	1.4	38
48	Nanotailoring of polyurethane adhesive by polyhedral oligomeric silsesquioxane (POSS). <i>Journal of Adhesion Science and Technology</i> , 2006, 20, 1413-1430.	1.4	29