Stoyko Fakirov

List of Publications by Year in descending order

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46	1,220	430874	395702
papers	citations	18 h-index	33 g-index

82	82	82	767
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent advances in plastic stents: a comprehensive review. International Journal of Polymeric Materials and Polymeric Biomaterials, 2021, 70, 54-74.	3.4	17
2	A new approach to plastic recycling via the concept of microfibrillar composites. Advanced Industrial and Engineering Polymer Research, 2021, 4, 187-198.	4.7	18
3	Nanofibrillar polymerâ€“polymer and single polymer composites via the â€œconverting instead of addingâ€• concept â€“ Examples of true polymer nanocomposite. Advanced Industrial and Engineering Polymer Research, 2018, 1, 40-47.	4.7	9
4	Polymer nanocomposites: Problems, preparation, mechanical properties. Advanced Materials Letters, 2018, 9, 400-405.	0.6	2
5	Crystalline Polymers. , 2017, , 103-140.		1
6	From Polymer Blends to Nano-size Materials with Controlled Nanomorphology. , 2016, , 179-200.		0
7	Nanofibrillar Single Polymer Composites: Preparation and Mechanical Properties. , 2016, , 343-366.		0
8	Composite materials â€“ is the use of proper definitions important?. Materials Today, 2015, 18, 528-529.	14.2	9
9	Converting of Bulk Polymers Into Nanosized Materials With Controlled Nanomorphology. International Journal of Polymeric Materials and Polymeric Biomaterials, 2014, 63, 777-793.	3.4	20
10	Nanofibrillar Poly(vinylidene fluoride): Preparation and Functional Properties. International Journal of Polymeric Materials and Polymeric Biomaterials, 2014, 63, 23-32.	3.4	17
11	Polymerâ€“Polymer and Single Polymer Composites Involving Nanofibrillar Poly(vinylidene Fluoride): Manufacturing and Mechanical Properties. Journal of Macromolecular Science - Physics, 2014, 53, 1168-1181.	1.0	12
12	Single Polymer Composites of Poly(Butylene Terephthalate) Microfibrils Loaded with Carbon Nanotubes Exhibiting Electrical Conductivity and Improved Mechanical Properties. Macromolecular Materials and Engineering, 2014, 299, 799-806.	3.6	49
13	Nano-/microfibrillar polymerâ€“polymer and single polymer composites: The converting instead of adding concept. Composites Science and Technology, 2013, 89, 211-225.	7.8	82
14	Nanofibrillar Polymerâ€‹<scp>P</scp>olymer Composites: Effect of Reinforcement Orientation on the Mechanical Properties. Macromolecular Symposia, 2013, 327, 64-71.	0.7	9
15	Nanoâ€•and Microfibrillar Singleâ€Polymer Composites: A Review. Macromolecular Materials and Engineering, 2013, 298, 9-32.	3.6	93
16	Extruded blend films of poly(vinyl alcohol) and polyolefins: common and hard-elastic nanostructure evolution in the polyolefin during straining as monitored by SAXS. Science and Technology of Advanced Materials, 2013, 14, 035006.	6.1	9
17	Effect of Reinforcement Orientation on the Mechanical Properties of Microfibrillar PP/PET and PET Singleâ€Polymer Composites. Macromolecular Materials and Engineering, 2012, 297, 711-723.	3.6	27
18	Nanofibrillar Single Polymer Composites of Poly(ethylene terephthalate). Macromolecular Materials and Engineering, 2010, 295, 95-99.	3.6	13

#	Article	IF	Citations
19	From PET Nanofibrils to Nanofibrillar Singleâ€Polymer Composites. Macromolecular Materials and Engineering, 2010, 295, 515-518.	3.6	46
20	Polyamide 66 Polymorphic Single Polymer Composites. The Open Macromolecules Journal, 2009, 3, 37-40.	2.0	26
21	SAXS-Fiber Computer Tomography. Method Enhancement and Analysis of Microfibrillar-Reinforced Composite Precursors from PEBA and PET. Macromolecules, 2008, 41, 7637-7647.	4.8	22
22	Condensation Thermoplastic Elastomers under Load: Methodological Studies of Nanostructure Evolution by X-ray Scattering. , 2006, , 197-225.		3
23	Polyester Thermoplastic Elastomers: Synthesis, Properties, and Some Applications. , 2006, , 75-116.		5
24	Manufacturing and Characterization of Microfibrillar Reinforced Composites from Polymer Blends. , 2005, , 149-167.		27
25	Biodegradable Laminates Based on Gelatin, 2. Macromolecular Materials and Engineering, 2003, 288, 228-234.	3.6	2
26	Biodegradable Laminates Based on Gelatin, 1. Macromolecular Materials and Engineering, 2002, 287, 693-697.	3.6	14
27	Biodegradable Laminates Based on Gelatin, 1. Macromolecular Materials and Engineering, 2002, 287, 693-697.	3.6	4
28	Sequential Reordering in Condensation Copolymers, 6. Average Block Lengths in Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38 and Physics, 2001, 202, 574-586.	2.2	27
29	CRYSTALLIZATION IN PARTIALLY MOLTEN ORIENTED BLENDS OF POLYCONDENSATES AS REVEALED BY X-RAY STUDIES*. Journal of Macromolecular Science - Physics, 2001, 40, 935-957.	1.0	18
30	Deformation Behavior of a Poly(ether ester) Copolymer. Quantitative Analysis of SAXS Fiber Patterns. Macromolecules, 1999, 32, 3368-3378.	4.8	33
31	Sequential reordering in condensation copolymers, 1. Melting- and crystallization-induced sequential reordering in immiscible blends of poly(ethylene terephthalate) with polycarbonate or polyarylate. Macromolecular Chemistry and Physics, 1996, 197, 2837-2867.	2.2	37
32	Sequential reordering in condensation copolymers, 2. Melting- and crystallization-induced sequential reordering in miscible poly(butylene terephthalate)/polyarylate blends. Macromolecular Chemistry and Physics, 1996, 197, 2869-2887.	2.2	28
33	Sequential reordering in condensation copolymers, 3. Miscibility-induced sequential reordering in random copolyesteramides. Macromolecular Chemistry and Physics, 1996, 197, 2889-2907.	2.2	19
34	A triple-bonds-containing poly(ether/ester): synthesis, characterization and cross-polymerization. Macromolecular Chemistry and Physics, 1995, 196, 1593-1606.	2.2	2
35	Microfibrillar reinforced composites?new materials from polymer blends. Advanced Materials, 1994, 6, 395-398.	21.0	114
36	Title is missing!. Die Makromolekulare Chemie, 1993, 194, 2267-2277.	1.1	6

#	Article	IF	Citations
37	Title is missing!. Die Makromolekulare Chemie, 1992, 193, 2391-2404.	1.1	32
38	New routes to polyethylene terephthalate with improved mechanical properties. Polymer, 1990, 31, 431-434.	3.8	54
39	Title is missing!. Angewandte Makromolekulare Chemie, 1986, 140, 63-71.	0.2	21
40	Title is missing!. Die Makromolekulare Chemie, 1984, 185, 807-819.	1.1	5
41	Effect of the temperature on the chemical healing of poly(ethylene terephthalate). Die Makromolekulare Chemie, 1984, 185, 1607-1611.	1.1	15
42	Title is missing!. Angewandte Makromolekulare Chemie, 1982, 102, 117-145.	0.2	15
43	Effect of chain composition of poly(ethylene terephthalate) structure and properties. Die Makromolekulare Chemie, 1981, 182, 185-197.	1.1	38
44	Effect of chain composition of PET on small-angle X-ray scattering. Polymer, 1980, 21, 373-375.	3.8	10
45	Unit cell dimensions of poly(ethylene terephthalate). Die Makromolekulare Chemie, 1975, 176, 2459-2465.	1.1	125
46	Nanomorphology, Controlled: Bulk Polymer Conversion into Nano-Sized Materials. , 0, , 5414-5436.		0