

Alla A Dolgova

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2658697/publications.pdf>

Version: 2024-02-01

27
papers

290
citations

840776

11
h-index

940533

16
g-index

27
all docs

27
docs citations

27
times ranked

210
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled green synthesis of hybrid organo-inorganic nanomaterials based on poly(ethylene Tj ETQq1 1 0.784314,rgBT /Overlock 10 Tf 50 30	2.2	10
2	Mesoporous Membrane Materials Based on Ultra-High-Molecular-Weight Polyethylene: From Synthesis to Applied Aspects. Membranes, 2021, 11, 834.	3.0	10
3	Biomedical Organic-Inorganic Nanocomposite Materials Based on High-Density Polyethylene and Ultra-High-Molecular-Weight Polyethylene and Silver Nanoparticles. Russian Journal of General Chemistry, 2021, 91, 2249-2256.	0.8	3
4	Breathable polymeric materials based on high-density polyethylene prepared by environmental crazing. Journal of Applied Polymer Science, 2020, 137, 48567.	2.6	5
5	Green environmental crazing of polymers in oil-in-water emulsions with high water content. Polymer, 2020, 186, 122020.	3.8	10
6	Hydrophilization of polypropylene films by poly(ethylene oxide) via intercrystallite crazing. Mendeleev Communications, 2020, 30, 507-508.	1.6	8
7	Mechanoresponsive Hard Elastic Materials Based on Semicrystalline Polymers: From Preparation to Applied Properties. ACS Applied Polymer Materials, 2020, 2, 2338-2349.	4.4	12
8	Nanocomposite Polymeric Materials Based on Butyl Rhodamine B Incorporated in Mesoporous Films of High-Density Polyethylene. Russian Journal of General Chemistry, 2020, 90, 737-742.	0.8	0
9	Mesoporous PET-Based Materials with Closed Porosity and Gas-Separating Properties. Russian Journal of General Chemistry, 2019, 89, 763-769.	0.8	0
10	Mesoporous and Nanocomposite Fibrous Materials Based on Poly(ethylene terephthalate) Fibers with High Craze Density via Environmental Crazing: Preparation, Structure, and Applied Properties. ACS Applied Materials & Interfaces, 2019, 11, 18701-18710.	8.0	12
11	Radiation-Chemical Reduction of Copper Ions in Nanoporous Matrices Based on High-Density Polyethylene. Russian Journal of General Chemistry, 2019, 89, 111-116.	0.8	0
12	The effect of characteristic self-generated defects on the mechanical behavior of poly(ethylene Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	3.8	10
13	The effect of preliminary orientation on environmental crazing of high-density polyethylene films. Polymer, 2019, 170, 179-189.	3.8	11
14	Environmental crazing and properties of mesoporous and nanocomposite materials based on poly(tetrafluoroethylene) films. Polymer, 2019, 161, 151-161.	3.8	18
15	Strain-induced fibrillation of glassy polymers. Russian Chemical Bulletin, 2018, 67, 1-22.	1.5	3
16	Phosphorescent Oxygen and Mechanosensitive Nanostructured Materials Based on Hard Elastic Polypropylene Films. ACS Applied Materials & Interfaces, 2017, 9, 13587-13592.	8.0	16
17	The role of the scale factor in the structure-related mechanical behavior of glassy polymers. Colloid Journal, 2017, 79, 715-734.	1.3	2
18	Phosphorescent oxygen sensors produced from polyolefin fibres by solvent-crazing method. Sensors and Actuators B: Chemical, 2016, 230, 434-441.	7.8	17

#	ARTICLE	IF	CITATIONS
19	Specific features of the environmental crazing of poly(ethylene terephthalate) fibers. <i>Polymer</i> , 2015, 56, 256-262.	3.8	23
20	Phosphorescent oxygen sensors produced by spot-crazing of polyphenylenesulfide films. <i>Journal of Materials Chemistry C</i> , 2014, 2, 8035-8041.	5.5	22
21	Oxygen-Sensitive Phosphorescent Nanomaterials Produced from High-Density Polyethylene Films by Local Solvent-Crazing. <i>Analytical Chemistry</i> , 2014, 86, 1917-1923.	6.5	30
22	Development of a stable open-porous structure in the solvent-crazed high-density polyethylene. <i>Inorganic Materials: Applied Research</i> , 2011, 2, 493-498.	0.5	19
23	Preparation method for noble metal-polymer matrix nanocomposites. <i>Colloid Journal</i> , 2010, 72, 464-470.	1.3	6
24	Phosphorescent Oxygen Sensors Based on Nanostructured Polyolefin Substrates. <i>Analytical Chemistry</i> , 2010, 82, 466-468.	6.5	21
25	Crazing of polymers in a supercritical carbon dioxide fluid. <i>Doklady Chemistry</i> , 2009, 428, 238-241.	0.9	3
26	Structure of Polymer Blends Based on Solvent-Crazed Polymers. <i>International Journal of Polymer Analysis and Characterization</i> , 2007, 12, 65-75.	1.9	18
27	The effect of preliminary orientation of polymers via tensile drawing at elevated temperature on solvent crazing. <i>Polymer Science - Series A</i> , 2007, 49, 903-908.	1.0	6