Evdokia K Oikonomou

List of Publications by Year
in descending order

33 papers	865 citations	516215 16 h-index	476904 29 g-index
34 all docs	34 docs citations	34 times ranked	1246 citing authors

#	ARTICLE	IF	CITATIONS
1	Chemically crosslinked yet reprocessable epoxidized natural rubber via thermo-activated disulfide rearrangements. Polymer Chemistry, 2015, 6, 4271-4278.	1.9	248
2	Synthesis and characterization of carbon nanotube/metal nanoparticle composites well dispersed in organic media. Carbon, 2006, 44, 848-853.	5.4	85
3	Imidazole-accelerated crosslinking of epoxidized natural rubber by dicarboxylic acids: a mechanistic investigation using NMR spectroscopy. Polymer Chemistry, 2012, 3, 946.	1.9	54
4	Poly(sodium styrene sulfonate)-b-poly(methyl methacrylate) diblock copolymers through direct atom transfer radical polymerization: Influence of hydrophilicâ€“hydrophobic balance on self-organization in aqueous solution. European Polymer Journal, 2011, 47, 752-761.	2.6	37
5	Synthesis and self-association in dilute aqueous solution of hydrophobically modified polycations and polyampholytes based on 4-vinylbenzyl chloride. European Polymer Journal, 2014, 54, 39-51.	2.6	37
6	Formation of Hybrid Wormlike Micelles upon Mixing Cetyl Trimethylammonium Bromide with Poly(methyl methacrylate-<i>co</i>-sodium styrene sulfonate) Copolymers in Aqueous Solution. Langmuir, 2011, 27, 5054-5061.	1.6	32
7	Preparation of Porous Polymeric Membranes Based on a Pyridine Containing Aromatic Polyether Sulfone. Polymers, 2019, 11, 59.	2.0	31
8	Swelling of semi-crystalline PVDF by a PMMA-based nanostructured diblock copolymer: Morphology and mechanical properties. Polymer, 2015, 76, 89-97.	1.8	30
9	Direct synthesis of amphiphilic block copolymers, consisting of poly(methyl methacrylate) and poly(sodium styrene sulfonate) blocks through atom transfer radical polymerization. European Polymer Journal, 2008, 44, 1857-1864.	2.6	26
10	Fabric Softenerâ€“Cellulose Nanocrystal Interaction: A Model for Assessing Surfactant Deposition on Cotton. Journal of Physical Chemistry B, 2017, 121, 2299-2307.	1.2	26
11	Localization of antifouling surface additives in the pore structure of hollow fiber PVDF membranes. Journal of Membrane Science, 2017, 538, 77-85.	4.1	24
12	Effect of Nanoparticles on the Bulk Shear Viscosity of a Lung Surfactant Fluid. ACS Nano, 2020, 14, 466-475.	7.3	23
13	Development of Cu2+- and/or phosphonium-based polymeric biocidal materials and their potential application in antifouling paints. Progress in Organic Coatings, 2012, 75, 190-199.	1.9	22
14	Brake wear (nano)particle characterization and toxicity on airway epithelial cells in vitro. Environmental Science: Nano, 2018, 5, 1036-1044.	2.2	22
15	Design of eco-friendly fabric softeners: Structure, rheology and interaction with cellulose nanocrystals. Journal of Colloid and Interface Science, 2018, 525, 206-215.	5.0	22
16	One-pot synthesis and gelation by borax of glycopolymers in water. Polymer Chemistry, 2014, 5, 2273.	1.9	17
17	Design and Applications of a Fluorescent Labeling Technique for Lipid and Surfactant Preformed Vesicles. ACS Omega, 2019, 4, 10485-10493.	1.6	16
18	Crosslinking of Epoxidized Natural Rubber by Dicarboxylic Acids: An Alternative to Standard Vulcanization. Macromolecular Symposia, 2013, 331-332, 89-96.	0.4	15

#	Article	IF	Citations
19	Novel composites materials from functionalized polymers and silver coated titanium oxide capable for calcium phosphate induction, control of orthopedic biofilm infections: an â€œin vitroâ€•study. Journal of Materials Science: Materials in Medicine, 2010, 21, 2201-2211.	1.7	14
20	Wireâ€Active Microrheology to Differentiate Viscoelastic Liquids from Soft Solids. ChemPhysChem, 2016, 17, 4134-4143.	1.0	14
21	Semiâ€interpenetrating Networks in Blends of Epoxidized Natural Rubbers. Macromolecular Chemistry and Physics, 2013, 214, 806-811.	1.1	9
22	Revealing the pulmonary surfactant corona on silica nanoparticles by cryo-transmission electron microscopy. Nanoscale Advances, 2020, 2, 642-647.	2.2	9
23	Comparative study of electrostatic binding vs. complexation of Cu²⁺ ions with waterâ€soluble polymers containing styrene sulphonic acid and/or maleic acid units or their sodium salt forms. Journal of Polymer Science, Part B: Polymer Physics, 2008, 46, 1149-1158.	2.4	8
24	Nanoparticle-Lipid Interaction: Job Scattering Plots to Differentiate Vesicle Aggregation from Supported Lipid Bilayer Formation. Colloids and Interfaces, 2018, 2, 50.	0.9	8
25	Sequential Association of Anionic/Thermosensitive Diblock Copolymers with Cationic Surfactants. Macromolecules, 2013, 46, 1082-1092.	2.2	7
26	Silicone incorporation into an esterquat based fabric softener in presence of guar polymers. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 615, 126175.	2.3	7
27	About the Art and Science of Visualizing Polymer Morphology using Transmission Electron Microscopy. Macromolecular Chemistry and Physics, 2018, 219, 1700483.	1.1	5
28	Cellulose Nanocrystals Mimicking Micron-Sized Fibers to Assess the Deposition of Latex Particles on Cotton. ACS Applied Polymer Materials, 2021, 3, 3009-3018.	2.0	5
29	Adsorption of a fabric conditioner on cellulose nanocrystals: synergistic effects of surfactant vesicles and polysaccharides on softness properties. Cellulose, 2021, 28, 2551-2566.	2.4	4
30	Time-dependent Cu2+-induced gelation of poly(ethylene-alt-maleic acid) in aqueous solution. European Polymer Journal, 2009, 45, 3426-3432.	2.6	2
31	Modification of Poly(allylamine) for Crosslinking by Borax. Macromolecular Symposia, 2013, 331-332, 152-157.	0.4	2
32	Advanced Eco-Friendly Formulations of Guar Biopolymer-Based Textile Conditioners. Materials, 2021, 14, 5749.	1.3	2
33	Sol-gel transition induced by alumina nanoparticles in a model pulmonary surfactant. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 646, 128974.	2.3	2