

# Evdokia K Oikonomou

## List of Publications by Year in descending order

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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	Sol-gel transition induced by alumina nanoparticles in a model pulmonary surfactant. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 646, 128974.	2.3	2
2	Silicone incorporation into an esterquat based fabric softener in presence of guar polymers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 615, 126175.	2.3	7
3	Cellulose Nanocrystals Mimicking Micron-Sized Fibers to Assess the Deposition of Latex Particles on Cotton. <i>ACS Applied Polymer Materials</i> , 2021, 3, 3009-3018.	2.0	5
4	Adsorption of a fabric conditioner on cellulose nanocrystals: synergistic effects of surfactant vesicles and polysaccharides on softness properties. <i>Cellulose</i> , 2021, 28, 2551-2566.	2.4	4
5	Advanced Eco-Friendly Formulations of Guar Biopolymer-Based Textile Conditioners. <i>Materials</i> , 2021, 14, 5749.	1.3	2
6	Revealing the pulmonary surfactant corona on silica nanoparticles by cryo-transmission electron microscopy. <i>Nanoscale Advances</i> , 2020, 2, 642-647.	2.2	9
7	Effect of Nanoparticles on the Bulk Shear Viscosity of a Lung Surfactant Fluid. <i>ACS Nano</i> , 2020, 14, 466-475.	7.3	23
8	Design and Applications of a Fluorescent Labeling Technique for Lipid and Surfactant Preformed Vesicles. <i>ACS Omega</i> , 2019, 4, 10485-10493.	1.6	16
9	Preparation of Porous Polymeric Membranes Based on a Pyridine Containing Aromatic Polyether Sulfone. <i>Polymers</i> , 2019, 11, 59.	2.0	31
10	Brake wear (nano)particle characterization and toxicity on airway epithelial cells in vitro. <i>Environmental Science: Nano</i> , 2018, 5, 1036-1044.	2.2	22
11	About the Art and Science of Visualizing Polymer Morphology using Transmission Electron Microscopy. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700483.	1.1	5
12	Design of eco-friendly fabric softeners: Structure, rheology and interaction with cellulose nanocrystals. <i>Journal of Colloid and Interface Science</i> , 2018, 525, 206-215.	5.0	22
13	Nanoparticle-Lipid Interaction: Job Scattering Plots to Differentiate Vesicle Aggregation from Supported Lipid Bilayer Formation. <i>Colloids and Interfaces</i> , 2018, 2, 50.	0.9	8
14	Fabric Softener's Cellulose Nanocrystal Interaction: A Model for Assessing Surfactant Deposition on Cotton. <i>Journal of Physical Chemistry B</i> , 2017, 121, 2299-2307.	1.2	26
15	Localization of antifouling surface additives in the pore structure of hollow fiber PVDF membranes. <i>Journal of Membrane Science</i> , 2017, 538, 77-85.	4.1	24
16	Wire-Active Microrheology to Differentiate Viscoelastic Liquids from Soft Solids. <i>ChemPhysChem</i> , 2016, 17, 4134-4143.	1.0	14
17	Chemically crosslinked yet reprocessable epoxidized natural rubber via thermo-activated disulfide rearrangements. <i>Polymer Chemistry</i> , 2015, 6, 4271-4278.	1.9	248
18	Swelling of semi-crystalline PVDF by a PMMA-based nanostructured diblock copolymer: Morphology and mechanical properties. <i>Polymer</i> , 2015, 76, 89-97.	1.8	30

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19	Synthesis and self-association in dilute aqueous solution of hydrophobically modified polycations and polyampholytes based on 4-vinylbenzyl chloride. <i>European Polymer Journal</i> , 2014, 54, 39-51.	2.6	37
20	One-pot synthesis and gelation by borax of glycopolymers in water. <i>Polymer Chemistry</i> , 2014, 5, 2273.	1.9	17
21	Sequential Association of Anionic/Thermosensitive Diblock Copolymers with Cationic Surfactants. <i>Macromolecules</i> , 2013, 46, 1082-1092.	2.2	7
22	Crosslinking of Epoxidized Natural Rubber by Dicarboxylic Acids: An Alternative to Standard Vulcanization. <i>Macromolecular Symposia</i> , 2013, 331-332, 89-96.	0.4	15
23	Semi-interpenetrating Networks in Blends of Epoxidized Natural Rubbers. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 806-811.	1.1	9
24	Modification of Poly(allylamine) for Crosslinking by Borax. <i>Macromolecular Symposia</i> , 2013, 331-332, 152-157.	0.4	2
25	Development of Cu <sup>2+</sup> - and/or phosphonium-based polymeric biocidal materials and their potential application in antifouling paints. <i>Progress in Organic Coatings</i> , 2012, 75, 190-199.	1.9	22
26	Imidazole-accelerated crosslinking of epoxidized natural rubber by dicarboxylic acids: a mechanistic investigation using NMR spectroscopy. <i>Polymer Chemistry</i> , 2012, 3, 946.	1.9	54
27	Formation of Hybrid Wormlike Micelles upon Mixing Cetyl Trimethylammonium Bromide with Poly(methyl methacrylate-co-sodium styrene sulfonate) Copolymers in Aqueous Solution. <i>Langmuir</i> , 2011, 27, 5054-5061.	1.6	32
28	Poly(sodium styrene sulfonate)-b-poly(methyl methacrylate) diblock copolymers through direct atom transfer radical polymerization: Influence of hydrophilic-hydrophobic balance on self-organization in aqueous solution. <i>European Polymer Journal</i> , 2011, 47, 752-761.	2.6	37
29	Novel composite materials from functionalized polymers and silver coated titanium oxide capable for calcium phosphate induction, control of orthopedic biofilm infections: an <i>in vitro</i> study. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 2201-2211.	1.7	14
30	Time-dependent Cu <sup>2+</sup> -induced gelation of poly(ethylene-alt-maleic acid) in aqueous solution. <i>European Polymer Journal</i> , 2009, 45, 3426-3432.	2.6	2
31	Comparative study of electrostatic binding vs. complexation of Cu <sup>2+</sup> ions with water-soluble polymers containing styrene sulphonic acid and/or maleic acid units or their sodium salt forms. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 1149-1158.	2.4	8
32	Direct synthesis of amphiphilic block copolymers, consisting of poly(methyl methacrylate) and poly(sodium styrene sulfonate) blocks through atom transfer radical polymerization. <i>European Polymer Journal</i> , 2008, 44, 1857-1864.	2.6	26
33	Synthesis and characterization of carbon nanotube/metal nanoparticle composites well dispersed in organic media. <i>Carbon</i> , 2006, 44, 848-853.	5.4	85