

Karen R Stack

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

115
citations

1307594

7
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

115
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of in situ soft colloidal probe atomic force microscopy for probing the adhesion between wood extractives and model surfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 500, 203-213.	4.7	1
2	The study of deposition of wood extractives and model compound colloids onto chromium and cellulose surfaces using quartz crystal microbalance with dissipation (QCM-D). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 491, 1-11.	4.7	5
3	Adsorption of wood extractives and model compounds onto bentonite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 482, 213-221.	4.7	6
4	Complex formation and stability of colloidal wood resin pitch suspensions with hemicellulose polymers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 441, 101-108.	4.7	11
5	Chemometric study of graft copolymerization of guar-glycidyl acrylamide (GGAC) with diallylamine. <i>Journal of Applied Polymer Science</i> , 2014, 114, 2611-2618.	2.6	11
6	Multi-salt coagulation of soft pitch colloids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 409, 74-80.	4.7	6
7	Effect of shear, temperature and pH on the dynamics of salt induced coagulation of wood resin colloids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 396, 106-114.	4.7	19
8	Structure of wood extract colloids and effect of CaCl ₂ on the molecular mobility. <i>Nordic Pulp and Paper Research Journal</i> , 2012, 27, 639-646.	0.7	4
9	Pitch deposition at the solid-liquid interface: Effect of surface hydrophobicity/hydrophilicity and cation specificity. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 388, 84-90.	4.7	6
10	Dynamics of colloidal pitch adsorption at the solid-liquid interface by surface plasmon resonance. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 341, 127-133.	4.7	2
11	An Innovative Approach Characterising the Interactions Leading to Pitch Deposition. <i>Journal of Wood Chemistry and Technology</i> , 2005, 24, 115-137.	1.7	7
12	Adsorption studies of phenolformaldehyde resin onto cellulose fibres. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1993, 70, 23-31.	4.7	8
13	Evaluation of Various Phenolformaldehyde Resins in the Phenolformaldehyde Resin-Polyethyleneoxide Dual Retention Aid System. <i>Journal of Wood Chemistry and Technology</i> , 1993, 13, 283-308.	1.7	11
14	Study of the interaction between poly(ethylene oxide) and phenol-formaldehyde resin. <i>Colloids and Surfaces</i> , 1991, 61, 205-218.	0.9	18