

Ruoyang Chen

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

335
citations

1162367

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996533

15
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16
all docs

16
docs citations

16
times ranked

405
citing authors

#	ARTICLE	IF	CITATIONS
1	Blood drop patterns: Formation and applications. <i>Advances in Colloid and Interface Science</i> , 2016, 231, 1-14.	7.0	106
2	Trace Analysis and Chemical Identification on Cellulose Nanofibers-Textured SERS Substrates Using the "Coffee Ring" Effect. <i>ACS Sensors</i> , 2017, 2, 1060-1067.	4.0	62
3	Transparent Bioreactors Based on Nanoparticle-Coated Liquid Marbles for in Situ Observation of Suspending Embryonic Body Formation and Differentiation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 8789-8796.	4.0	34
4	Understanding desiccation patterns of blood sessile drops. <i>Journal of Materials Chemistry B</i> , 2017, 5, 8991-8998.	2.9	31
5	Controlling the contact angle of biological sessile drops for study of their desiccated cracking patterns. <i>Journal of Materials Chemistry B</i> , 2018, 6, 5867-5875.	2.9	19
6	Light and perspiration stability of triazinylstilbene fluorescent brighteners on cotton fabrics. <i>Textile Reseach Journal</i> , 2014, 84, 772-782.	1.1	12
7	Enhancing Water Evaporation by Interfacial Silica Nanoparticles. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900369.	1.9	10
8	Multiple Factor Analysis on Preparation of Cellulose Nanofiber by Ball Milling from Softwood Pulp. <i>BioResources</i> , 2018, 13, .	0.5	9
9	Effect of NaCl concentrations on the photodecoloration of reactive azo-dyes and their cotton dyeings. <i>Textile Reseach Journal</i> , 2014, 84, 2140-2148.	1.1	8
10	Desiccation Patterns of Plasma Sessile Drops. <i>ACS Sensors</i> , 2019, 4, 1701-1709.	4.0	8
11	Environmental impact on the light and perspiration stability of triazinylstilbene fluorescent brighteners on cotton fabrics. <i>Fibers and Polymers</i> , 2014, 15, 1915-1920.	1.1	7
12	Fabrication of single-crystalline gold nanowires on cellulose nanofibers. <i>Journal of Colloid and Interface Science</i> , 2020, 562, 333-341.	5.0	7
13	Growth of gold nanoparticles on cellulose nanofibers. <i>Cellulose</i> , 2020, 27, 5041-5053.	2.4	7
14	The effects of L-histidine on the light and perspiration stability of 4,4'-diamino-stilbene-2,2'-disulfonic acid-based fluorescent whiteness agents on cotton fabrics. <i>Textile Reseach Journal</i> , 2015, 85, 775-782.	1.1	6
15	Wetting and Drying of Colloidal Droplets: Physics and Pattern Formation. , 0, , .		6
16	Effects of the perspiration on the photo-fading of reactive dyes. <i>Textile Reseach Journal</i> , 2019, 89, 688-697.	1.1	3