

Fan Zheng

List of Publications by Year in descending order

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papers

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840776

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662
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional monolithic porous structures assembled from fragmented electrospun nanofiber mats/membranes: Methods, properties, and applications. <i>Progress in Materials Science</i> , 2020, 112, 100656.	32.8	84
2	Self-Assembly of Gold Nanoparticles and Polystyrene: A Highly Versatile Approach to the Preparation of Colloidal Particles with Polystyrene Cores and Gold Nanoparticle Coronae. <i>Langmuir</i> , 2010, 26, 8762-8768.	3.5	47
3	Nanoparticles with Fe ₃ O ₄ Nanoparticle Cores and Gold-Nanoparticle Coronae Prepared by Self-Assembly Approach. <i>Journal of Physical Chemistry C</i> , 2011, 115, 3304-3312.	3.1	42
4	Interface-Directed Self-Assembly of Gold Nanoparticles and Fabrication of Hybrid Hollow Capsules by Interfacial Cross-Linking Polymerization. <i>Langmuir</i> , 2012, 28, 9365-9371.	3.5	33
5	Dye-sensitized solar cells based on organic dyes with naphtho[2,1-b:3,4-b'€²]dithiophene as the conjugated linker. <i>Journal of Materials Chemistry A</i> , 2013, 1, 13328-13336.	10.3	26
6	Halloysite nanotubes sponges with skeletons made of electrospun nanofibers as innovative dye adsorbent and catalyst support. <i>Chemical Engineering Journal</i> , 2019, 360, 280-288.	12.7	26
7	Reduction of crack formation in TiO ₂ mesoporous films prepared from binder-free nanoparticle pastes via incorporation of electrospun SiO ₂ or TiO ₂ nanofibers for dye-sensitized solar cells. <i>Nano Energy</i> , 2015, 12, 794-800.	16.0	25
8	Preparation of the Au@TiO ₂ nanofibers by one-step electrospinning for the composite photoanode of dye-sensitized solar cells. <i>Materials Chemistry and Physics</i> , 2018, 208, 35-40.	4.0	23
9	Fabrication and evaluation of dye-sensitized solar cells with photoanodes based on electrospun TiO ₂ nanotubes. <i>Materials Letters</i> , 2013, 106, 115-118.	2.6	17
10	Mechanically flexible hybrid mat consisting of TiO ₂ and SiO ₂ nanofibers electrospun via dual spinnerets for photo-detector. <i>Materials Letters</i> , 2014, 120, 219-223.	2.6	17
11	Self-assembly of polystyrene with pendant hydrophilic gold nanoparticles: the influence of the hydrophilicity of the hybrid polymers. <i>Journal of Materials Chemistry</i> , 2011, 21, 16928.	6.7	15
12	Effects of Surface Modification on Dye-Sensitized Solar Cell Based on an Organic Dye with Naphtho[2,1-b:3,4-b'€²]dithiophene as the Conjugated Linker. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 1926-1932.	8.0	8
13	Complete genomic sequence and organization of a novel mycovirus from <i>Phoma matteuccicola</i> strain LG915. <i>Archives of Virology</i> , 2019, 164, 2209-2213.	2.1	6