Sanghoon Kim

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7093793/publications.pdf

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19	443	840119 11	839053 18
papers	citations	h-index	g-index

19	19	19	825
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	pH- and glutathione-responsive release of curcumin from mesoporous silica nanoparticles coated using tannic acidâ€“Fe(<scp>iii</scp>) complex. RSC Advances, 2015, 5, 90550-90558.	1.7	71
2	Coreâ€“shell microcapsules of solid lipid nanoparticles and mesoporous silica for enhanced oral delivery of curcumin. Colloids and Surfaces B: Biointerfaces, 2016, 140, 161-168.	2.5	63
3	pH-controlled delivery of curcumin from a compartmentalized solid lipid nanoparticle@mesostructured silica matrix. Journal of Materials Chemistry B, 2014, 2, 7910-7917.	2.9	56
4	Ternary Layered Double Hydroxides (LDHs) Based on Co-, Cu-Substituted ZnAl for the Design of Efficient Photocatalysts. European Journal of Inorganic Chemistry, 2017, 2017, 669-678.	1.0	43
5	Enhanced catalytic oxidation ability of ternary layered double hydroxides for organic pollutants degradation. Dalton Transactions, 2016, 45, 8224-8235.	1.6	32
6	Enhanced photocatalytic ability of Cu, Co doped ZnAl based mixed metal oxides derived from layered double hydroxides. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 524, 43-52.	2.3	28
7	Nanoparticle-free magnetic mesoporous silica with magneto-responsive surfactants. Journal of Materials Chemistry C, 2013, 1, 6930.	2.7	24
8	Spin State As a Probe of Vesicle Self-Assembly. Journal of the American Chemical Society, 2016, 138, 2552-2555.	6.6	24
9	Metallo-Solid Lipid Nanoparticles as Colloidal Tools for Mesoâ€“Macroporous Supported Catalysts. Langmuir, 2015, 31, 1842-1849.	1.6	21
10	Sustainable polysaccharide-derived mesoporous carbons (StarbonÂ®) as additives in lithium-ion batteries negative electrodes. Journal of Materials Chemistry A, 2017, 5, 24380-24387.	5.2	17
11	A meso-macro compartmentalized bioreactor obtained through silicalization of â€œgreenâ€•double emulsions: W/O/W and W/SLNs/W. Chemical Communications, 2014, 50, 11871-11874.	2.2	16
12	Green electrode processing using a seaweed-derived mesoporous carbon additive and binder for LiMn₂O₄ and LiNi_{1/3}Mn_{1/3}Co_{1/3}O₂ lithium ion battery electrodes. Sustainable Energy and Fuels, 2019, 3, 450-456.	2.5	11
13	Alginic acid-derived mesoporous carbonaceous materials (StarbonÂ®) as negative electrodes for lithium ion batteries: Importance of porosity and electronic conductivity. Journal of Power Sources, 2018, 406, 18-25.	4.0	8
14	Alginic acid aquagel as a template and carbon source in the synthesis of Li₄Ti₅O₁₂/C nanocomposites for application as anodes in Li-ion batteries. RSC Advances, 2018, 8, 32558-32564.	1.7	8
15	Alginic acid-derived mesoporous carbon (StarbonÂ®) as template and reducing agent for the hydrothermal synthesis of mesoporous LiMn₂O₄ grafted with carbonaceous species. Journal of Materials Chemistry A, 2018, 6, 14392-14399.	5.2	8
16	Advances in Multifunctional Surface Coating Using Metalâ€Phenolic Networks. Bulletin of the Korean Chemical Society, 2017, 38, 519-520.	1.0	6
17	Dehydration of Alginic Acid Cryogel by TiCl 4 vapor: Direct Access to Mesoporous TiO 2 @C Nanocomposites and Their Performance in Lithiumâ€ion Batteries. ChemSusChem, 2019, 12, 2660-2670.	3.6	6
18	Solid Lipid Nanoparticle - Functional Template of Meso-Macrostructured Silica Materials. ACS Symposium Series, 2015, , 269-283.	0.5	1

#	Article	IF	Citations
19	Stimuli-Responsive Nanostructured Silica Matrix Targeting Drug Delivery Applications. , 2015, , 3-38.		0