

# Seong-Geun Oh

## List of Publications by Year in descending order

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13  
papers

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citations

840776

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1125743

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docs citations

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times ranked

599  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of Highly Monodispersed Hybrid Silica Spheres Using a One-Step Sol-Gel Reaction in Aqueous Solution. <i>Langmuir</i> , 2007, 23, 10875-10878.	3.5	111
2	New approach to the immobilization of glucose oxidase on non-porous silica microspheres functionalized by (3-aminopropyl)trimethoxysilane (APTMS). <i>Colloids and Surfaces B: Biointerfaces</i> , 2006, 53, 225-232.	5.0	40
3	Preparation of PVA/PAA nanofibers containing thiol-modified silica particles by electrospinning as an eco-friendly Cu (II) adsorbent. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 77, 273-279.	5.8	37
4	Controlling the recombination of electron-hole pairs by changing the shape of ZnO nanorods via sol-gel method using water and their enhanced photocatalytic properties. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 2118-2124.	2.7	27
5	Preparation of silica-silver heterogeneous nanocomposite particles by one-pot preparation strategy using polyol process: Size-controlled immobilization of silver nanoparticles. <i>Materials Research Bulletin</i> , 2006, 41, 1407-1416.	5.2	26
6	Effects of the concentrations of precursor and catalyst on the formation of monodisperse silica particles in sol-gel reaction. <i>Materials Research Bulletin</i> , 2011, 46, 2064-2069.	5.2	25
7	New approach for the control of size and surface characteristics of mesoporous silica particles by using mixed surfactants in W/O emulsion. <i>Microporous and Mesoporous Materials</i> , 2005, 86, 134-144.	4.4	24
8	Facile synthesis of PEG-silica hybrid particles using one-step sol-gel reaction in aqueous solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 349, 145-150.	4.7	22
9	Preparation of monodispersed PNIPAm/silica composites and characterization of their thermal behaviors. <i>Journal of Industrial and Engineering Chemistry</i> , 2012, 18, 744-751.	5.8	21
10	Formation of manganese oxide shells on silica spheres with various crystal structures using surfactants for the degradation of methylene blue dye. <i>Materials Research Bulletin</i> , 2013, 48, 469-475.	5.2	17
11	Preparation of poly-(NIPAM) grafted hybrid silica particles with hollow structure in emulsion. <i>Journal of Industrial and Engineering Chemistry</i> , 2010, 16, 32-38.	5.8	14
12	Preparation of electron buffer layer with crystalline ZnO nanoparticles in inverted organic photovoltaic cells. <i>Journal of Physics and Chemistry of Solids</i> , 2017, 105, 66-71.	4.0	11
13	Anti-acne Effects of PVA/ZnO Composite Nanofibers Crosslinked by Citric Acid for Facial Sheet Masks. <i>International Journal of Polymer Science</i> , 2022, 2022, 1-7.	2.7	11