

# Young-Seon Ko

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8184261/publications.pdf>

Version: 2024-02-01

14  
papers

488  
citations

759233

12  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1047  
citing authors

#	ARTICLE	IF	CITATIONS
1	Immobilization of silver nanoparticle-decorated silica particles on polyamide thin film composite membranes for antibacterial properties. <i>Journal of Membrane Science</i> , 2016, 499, 80-91.	8.2	144
2	Prompt and synergistic antibacterial activity of silver nanoparticle-decorated silica hybrid particles on air filtration. <i>Journal of Materials Chemistry B</i> , 2014, 2, 6714-6722.	5.8	56
3	Disinfection of waterborne viruses using silver nanoparticle-decorated silica hybrid composites in water environments. <i>Science of the Total Environment</i> , 2018, 625, 477-485.	8.0	49
4	Inactivation of influenza A virus via exposure to silver nanoparticle-decorated silica hybrid composites. <i>Environmental Science and Pollution Research</i> , 2018, 25, 27021-27030.	5.3	41
5	Investigation of porosity and heterojunction effects of a mesoporous hematite electrode on photoelectrochemical water splitting. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 9775.	2.8	38
6	Synthesis of a CdSe/graphene hybrid composed of CdSe quantum dot arrays directly grown on CVD-graphene and its ultrafast carrier dynamics. <i>Nanoscale</i> , 2013, 5, 1483.	5.6	33
7	Mesoporous Zirconia Thin Films with Three-Dimensional Pore Structures and Their Application to Electrochemical Glucose Detection. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 3599-3606.	8.0	27
8	Nature-Inspired Construction of Two-Dimensionally Self-Assembled Peptide on Pristine Graphene. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3734-3739.	4.6	21
9	Peptide-Programmable Nanoparticle Superstructures with Tailored Electrocatalytic Activity. <i>ACS Nano</i> , 2018, 12, 6554-6562.	14.6	19
10	Disinfection of various bacterial pathogens using novel silver nanoparticle-decorated magnetic hybrid colloids. <i>Science of the Total Environment</i> , 2017, 609, 289-296.	8.0	18
11	Synthesis of mesoporous titania thin films with vertical pore channels and thick and crystalline walls. <i>Microporous and Mesoporous Materials</i> , 2011, 145, 141-145.	4.4	16
12	Electrochemical deposition of platinum on fluorine-doped tin oxide: The nucleation mechanisms. <i>Electrochimica Acta</i> , 2010, 55, 7276-7281.	5.2	14
13	Peptide-based bimetallic nanostructures with tailored surface compositions and their oxygen electroreduction activities. <i>CrystEngComm</i> , 2016, 18, 6024-6028.	2.6	10
14	Redox Properties on the Surfaces of Silica Networks Encapsulating Clusters of Superparamagnetic Magnetite Nanoparticles. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 3269-3277.	2.0	2