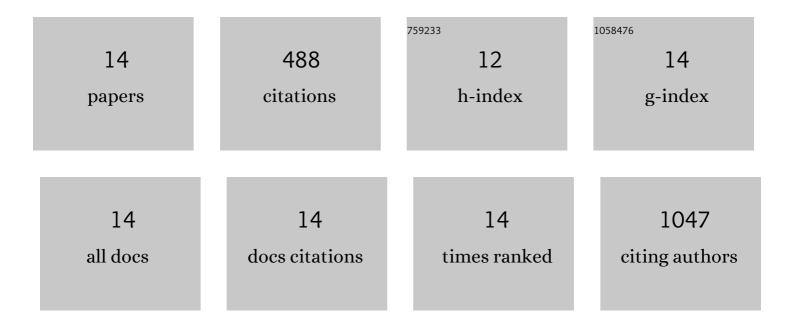
## Young-Seon Ko

List of Publications by Year in descending order

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