

# Yon Ju-Nam

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8604410/publications.pdf>

Version: 2024-02-01

19  
papers

2,331  
citations

686830

13  
h-index

940134

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

3826  
citing authors

#	ARTICLE	IF	CITATIONS
1	Manufactured nanoparticles: An overview of their chemistry, interactions and potential environmental implications. <i>Science of the Total Environment</i> , 2008, 400, 396-414.	3.9	885
2	Characterizing Manufactured Nanoparticles in the Environment: Multimethod Determination of Particle Sizes. <i>Environmental Science &amp; Technology</i> , 2009, 43, 7277-7284.	4.6	500
3	Fenton's reagent for the rapid and efficient isolation of microplastics from wastewater. <i>Chemical Communications</i> , 2017, 53, 372-375.	2.2	252
4	Interspecies comparisons on the uptake and toxicity of silver and cerium dioxide nanoparticles. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 144-154.	2.2	154
5	Formation of $\alpha$ -Dicarbonyl Compounds in Beer during Storage of Pilsner. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 4134-4144.	2.4	87
6	Microplastic-Associated Biofilms: A Comparison of Freshwater and Marine Environments. <i>Handbook of Environmental Chemistry</i> , 2018, , 181-201.	0.2	85
7	Characterization of cerium oxide nanoparticles Part 1: Size measurements. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 983-993.	2.2	72
8	The effect of environmentally relevant conditions on PVP stabilised gold nanoparticles. <i>Chemosphere</i> , 2013, 90, 410-416.	4.2	66
9	Characterization of cerium oxide nanoparticles Part 2: Nonsize measurements. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 994-1003.	2.2	58
10	Microplastic Monitoring at Different Stages in a Wastewater Treatment Plant Using Reflectance Micro-FTIR Imaging. <i>Frontiers in Environmental Science</i> , 2020, 8, .	1.5	42
11	Natural Colloids and Manufactured Nanoparticles in Aquatic and Terrestrial Systems. , 2011, , 89-129.		26
12	Phosphonioalkylthiosulfate zwitterions new masked thiol ligands for the formation of cationic functionalised gold nanoparticles. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 4345-4351.	1.5	25
13	Water-soluble gold nanoparticles stabilized with cationic phosphonium thiolate ligands. <i>RSC Advances</i> , 2012, 2, 10345.	1.7	19
14	Highly stable noble metal nanoparticles dispersible in biocompatible solvents: synthesis of cationic phosphonium gold nanoparticles in water and DMSO. <i>Faraday Discussions</i> , 2016, 186, 77-93.	1.6	16
15	$\alpha$ -Thioacetylalkylphosphonium salts: Precursors for the preparation of phosphonium-functionalised gold nanoparticles. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 3504-3508.	0.8	13
16	Molecular Binding of $\text{Eu}^{III}$ / $\text{Ce}^{III}$ by <i>S. tenetophomonas bentonitica</i> and Its Impact on the Safety of Future Geodisposal of Radioactive Waste. <i>Environmental Science &amp; Technology</i> , 2020, 54, 15180-15190.	4.6	13
17	The synthesis and characterisation of masked phosphonioalkyl selenoates: Potential ligands for the production of functionalised gold nanoparticles. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 5065-5070.	0.8	11
18	Applications to Soft Matter: general discussion. <i>Faraday Discussions</i> , 2016, 186, 503-527.	1.6	1

#	ARTICLE	IF	CITATIONS
19	Synthesis of Nanoparticle Assemblies: general discussion. Faraday Discussions, 2016, 186, 123-152.	1.6	0