

Hyun Sik Ko

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9780558/publications.pdf>

Version: 2024-02-01

8
papers

130
citations

1478505

6
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	Water-Repellent TiO ₂ -Organic Dye-Based Air Filters for Efficient Visible-Light-Activated Photochemical Inactivation against Bioaerosols. <i>Nano Letters</i> , 2021, 21, 1576-1583.	9.1	36
2	Evaluation of filtration characteristics and microbial recovery rates of commercial filtering facepiece respirators against airborne bacterial particles. <i>Science of the Total Environment</i> , 2019, 682, 729-736.	8.0	27
3	Continuous Surveillance of Bioaerosols On-Site Using an Automated Bioaerosol-Monitoring System. <i>ACS Sensors</i> , 2020, 5, 395-403.	7.8	22
4	Photobiocidal-triboelectric nanolayer coating of photosensitizer/silica-alumina for reusable and visible-light-driven antibacterial/antiviral air filters. <i>Chemical Engineering Journal</i> , 2022, 440, 135830.	12.7	18
5	Enriched Aerosol-to-Hydrosol Transfer for Rapid and Continuous Monitoring of Bioaerosols. <i>Nano Letters</i> , 2021, 21, 1017-1024.	9.1	15
6	Emission of particulate and gaseous pollutants from household laser processing machine. <i>Journal of Environmental Sciences</i> , 2021, 103, 148-156.	6.1	6
7	Evaluation of survival rates of airborne microorganisms on the filter layers of commercial face masks. <i>Indoor Air</i> , 2021, 31, 1134-1143.	4.3	6
8	Mini-laser based submicron aerosol generator for the simple and stable simulation of combustion particulate matter. <i>Science of the Total Environment</i> , 2022, 818, 151830.	8.0	0