

Chang Gyu Woo

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

389
citations

840776

11
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

482
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of the size of nanoparticles by spark discharge with an atomizer and a bubbler. <i>Aerosol Science and Technology</i> , 2022, 56, 405-412.	3.1	0
2	Continuous measurement of PM10 and PM2.5 concentration in coal-fired power plant stacks using a newly developed diluter and optical particle counter. <i>Fuel</i> , 2020, 269, 117445.	6.4	11
3	Development of a new dilution system for continuous measurement of particle concentration in the exhaust from a coal-fired power plant. <i>Fuel</i> , 2019, 257, 116045.	6.4	10
4	Fine particle removal by a two-stage electrostatic precipitator with multiple ion-injection-type prechargers. <i>Journal of Aerosol Science</i> , 2019, 130, 61-75.	3.8	17
5	A novel electrostatic precipitator-type small air purifier with a carbon fiber ionizer and an activated carbon fiber filter. <i>Journal of Aerosol Science</i> , 2018, 117, 63-73.	3.8	28
6	Performance of Ultrafine Particle Collection of a Two-Stage ESP Using a Novel Mixing Type Carbon Brush Charger and Parallel Collection Plates. <i>IEEE Transactions on Industry Applications</i> , 2017, 53, 466-473.	4.9	24
7	Ozone Emission and Electrical Characteristics of Ionizers With Different Electrode Materials, Numbers, and Diameters. <i>IEEE Transactions on Industry Applications</i> , 2017, 53, 459-465.	4.9	36
8	Ultrafine Particle Collection Performance of a Two-Stage ESP With a Novel Mixing-Type Charging Stage Using Different Geometries and Electrical Conditions. <i>IEEE Transactions on Industry Applications</i> , 2017, 53, 5859-5866.	4.9	11
9	Comparison of cellular toxicity between multi-walled carbon nanotubes and onion-like shell-shaped carbon nanoparticles. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	26
10	Determination of refractive index for absorbing spheres. <i>Optik</i> , 2013, 124, 5254-5258.	2.9	4
11	Nanoxerography utilizing bipolar charge patterns. <i>Applied Physics Letters</i> , 2012, 101, .	3.3	9
12	A study of pin-to-plate type spark discharge generator for producing unagglomerated nanoaerosols. <i>Journal of Aerosol Science</i> , 2012, 52, 80-88.	3.8	43
13	Three-Dimensional Assembly of Nanoparticles from Charged Aerosols. <i>Nano Letters</i> , 2011, 11, 119-124.	9.1	94
14	Selective Nanopatterning of Protein via Ion-Induced Focusing and its Application to Metal-Enhanced Fluorescence. <i>Small</i> , 2011, 7, 1790-1794.	10.0	14
15	High-Resolution, Parallel Patterning of Nanoparticles via an Ion-Induced Focusing Mask. <i>Small</i> , 2010, 6, 2146-2152.	10.0	29
16	Focused patterning of nanoparticles by controlling electric field induced particle motion. <i>Applied Physics Letters</i> , 2009, 94, .	3.3	22
17	Control of nanoparticle charge via condensation magnification. <i>Journal of Aerosol Science</i> , 2006, 37, 1876-1882.	3.8	11