Chang Gyu Woo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11567787/publications.pdf

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17	389	840776 11	940533 16
papers	citations	h-index	g-index

18	18	18	482
all docs	docs citations	times ranked	citing authors

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