

Stefan Schumacher

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

328
citations

10
h-index

15
g-index

15
ext. papers

387
ext. citations

5
avg, IF

3.02
L-index

#	Paper	IF	Citations
14	The backside of graphene: manipulating adsorption by intercalation. <i>Nano Letters</i> , 2013 , 13, 5013-9	11.5	65
13	Europium underneath graphene on Ir(111): Intercalation mechanism, magnetism, and band structure. <i>Physical Review B</i> , 2014 , 90,	3.3	50
12	Strain in epitaxial graphene visualized by intercalation. <i>Physical Review Letters</i> , 2013 , 110, 086111	7.4	45
11	Tuning the van der Waals Interaction of Graphene with Molecules via Doping. <i>Physical Review Letters</i> , 2015 , 115, 236101	7.4	39
10	Phase coexistence of clusters and islands: europium on graphene. <i>New Journal of Physics</i> , 2012 , 14, 023023	3.3	34
9	Numerical and experimental study of submicron aerosol deposition in electret microfiber nonwovens. <i>Journal of Aerosol Science</i> , 2018 , 122, 32-44	4.3	23
8	Evaluation of electrostatic properties of electret filters for aerosol deposition. <i>Separation and Purification Technology</i> , 2020 , 239, 116548	8.3	17
7	Testing of an Indoor Air Cleaner for Particulate Pollutants under Realistic Conditions in an Office Room. <i>Aerosol and Air Quality Research</i> , 2019 , 19, 1655-1665	4.6	16
6	Particle sampling in boilers of waste incineration plants for characterizing corrosion relevant species. <i>Corrosion Science</i> , 2016 , 110, 82-90	6.8	12
5	Performance of New and Artificially Aged Electret Filters in Indoor Air Cleaners. <i>Chemical Engineering and Technology</i> , 2018 , 41, 27-34	2	11
4	Ageing of electret filter media due to deposition of submicron particles [Experimental and numerical investigations. <i>Separation and Purification Technology</i> , 2020 , 251, 117299	8.3	7
3	Polar EuO(111) on Ir(111): A two-dimensional oxide. <i>Physical Review B</i> , 2014 , 89,	3.3	4
2	Electret Filters [From the Influence of Discharging Methods to Optimization Potential. <i>Atmosphere</i> , 2021 , 12, 65	2.7	3
1	An artifact-minimizing method for total dust sampling and chemical characterization of industrial high-temperature aerosols. <i>Aerosol Science and Technology</i> , 2017 , 51, 1047-1056	3.4	2