Tobias Foller

List of Publications by Year
in descending order

13 papers	669 citations	1040056 9 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	1142 citing authors

#	Article	IF	Citations
1	Surface Functionalities of Graphene Oxide with Varying Flake Size. Industrial & Engineering Chemistry Research, 2022, 61, 6531-6536.	3.7	6
2	Rise of 2D materials-based membranes for desalination. Desalination, 2022, 536, 115851.	8.2	21
3	Mass Transport via In-Plane Nanopores in Graphene Oxide Membranes. Nano Letters, 2022, 22, 4941-4948.	9.1	18
4	Comment on Precisely Tunable Ion Sieving with an Al₁₃â€“Ti₃C₂T_x Lamellar Membrane by Controlling Interlayer Spacing. ACS Nano, 2021, 15, 9201-9203.	14.6	7
5	Large-Area, Two-Dimensional MoS₂ Exfoliated on Gold: Direct Experimental Access to the Metalâ€“Semiconductor Interface. ACS Omega, 2021, 6, 15929-15939.	3.5	28
6	Enhanced graphitic domains of unreduced graphene oxide and the interplay of hydration behaviour and catalytic activity. Materials Today, 2021, 50, 44-54.	14.2	27
7	Selective Proton Transport for Hydrogen Production Using Graphene Oxide Membranes. Journal of Physical Chemistry Letters, 2020, 11, 9415-9420.	4.6	11
8	Chemical Vapour Deposition of Graphene for Durable Anticorrosive Coating on Copper. Nanomaterials, 2020, 10, 2511.	4.1	8
9	A swift technique to hydrophobize graphene and increase its mechanical stability and charge carrier density. Npj 2D Materials and Applications, 2020, 4, .	7.9	3
10	Effective Separation of CO₂ Using Metalâ€Incorporated rGO Membranes. Advanced Materials, 2020, 32, e1907580.	21.0	63
11	Gas dependent hysteresis in MoS ₂ field effect transistors. 2D Materials, 2019, 6, 045049.	4.4	79
12	Hysteresis in the transfer characteristics of MoS ₂ transistors. 2D Materials, 2018, 5, 015014.	4.4	209
13	Electrical transport and persistent photoconductivity in monolayer MoS₂phototransistors. Nanotechnology, 2017, 28, 214002.	2.6	189