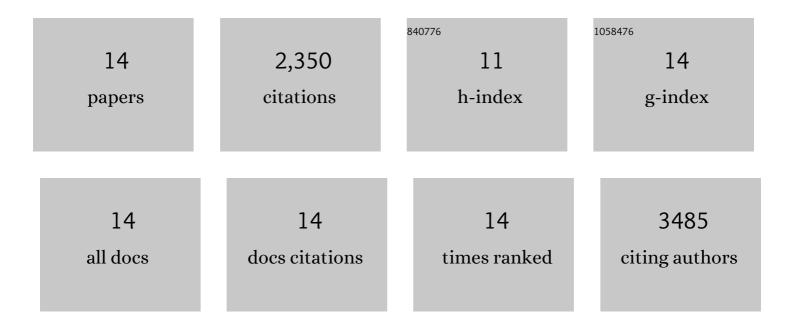
## Qian Yang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5364809/publications.pdf Version: 2024-02-01



Οιανι Υανις

#	Article	IF	CITATIONS
1	Anomalously low dielectric constant of confined water. Science, 2018, 360, 1339-1342.	12.6	627
2	Ultrathin graphene-based membrane with preciseÂmolecular sieving and ultrafast solventÂpermeation. Nature Materials, 2017, 16, 1198-1202.	27.5	549
3	Size effect in ion transport through angstrom-scale slits. Science, 2017, 358, 511-513.	12.6	418
4	Limits on gas impermeability of graphene. Nature, 2020, 579, 229-232.	27.8	220
5	Complete steric exclusion of ions and proton transport through confined monolayer water. Science, 2019, 363, 145-148.	12.6	207
6	Capillary condensation under atomic-scale confinement. Nature, 2020, 588, 250-253.	27.8	168
7	Hybridization-Induced Polarization of Graphene Sheets by Intercalation-Polymerized Polyaniline toward High Performance of Microwave Absorption. ACS Applied Materials & Interfaces, 2019, 11, 17100-17107.	8.0	64
8	Influence of Process Parameters on Microstructure and Mechanical Properties of Friction-Stir-Processed Mg-Gd-Y-Zr Casting. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2012, 43, 2094-2109.	2.2	40
9	Influence of Zn interlayer addition on microstructure and mechanical properties of friction stir welded AZ31ÂMg alloy. Journal of Materials Science, 2015, 50, 4160-4173.	3.7	16
10	Influence of Zn coating on friction stir spot welded magnesium-aluminium joint. Science and Technology of Welding and Joining, 2017, 22, 512-519.	3.1	15
11	Gas permeation through graphdiyne-based nanoporous membranes. Nature Communications, 2022, 13, .	12.8	15
12	Machine learning enhanced electrical impedance tomography for 2D materials. Inverse Problems, 2022, 38, 085007.	2.0	5
13	High yield synthesis of helical carbon nanotubes catalyzed by porous precursor with terrace morphology. Diamond and Related Materials, 2014, 50, 123-128.	3.9	3
14	Relationship Between Nanotubes and Breakdown Voltage in GaN p–i–n Diodes. Physica Status Solidi (A) Applications and Materials Science, 2022, 219, .	1.8	3