

# Kirill Titov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2655733/publications.pdf>

Version: 2024-02-01

13  
papers

386  
citations

933410

10  
h-index

1125717

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

615  
citing authors

#	ARTICLE	IF	CITATIONS
1	Elucidating the Drug Release from Metal-Organic Framework Nanocomposites via In Situ Synchrotron Microspectroscopy and Theoretical Modeling. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 5147-5156.	8.0	43
2	Green Reconstruction of MIL-100 (Fe) in Water for High Crystallinity and Enhanced Guest Encapsulation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 8247-8255.	6.7	20
3	Guest-host interactions of nanoconfined anti-cancer drug in metal-organic framework exposed by terahertz dynamics. <i>Chemical Communications</i> , 2019, 55, 3868-3871.	4.1	27
4	OX-1 Metal-Organic Framework Nanosheets as Robust Hosts for Highly Active Catalytic Palladium Species. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 5875-5885.	6.7	15
5	Impact of Pressure and Temperature on the Broadband Dielectric Response of the HKUST-1 Metal-Organic Framework. <i>Journal of Physical Chemistry C</i> , 2019, 123, 29427-29435.	3.1	14
6	Mechanical metamaterials with star-shaped pores exhibiting negative and zero Poisson's ratio. <i>Materials and Design</i> , 2018, 146, 28-37.	7.0	133
7	Dielectric Properties of Zeolitic Imidazolate Frameworks in the Broad-Band Infrared Regime. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2678-2684.	4.6	31
8	Probing the nano-scale architecture of diamond-patterned electrospun fibre mats by synchrotron small angle X-ray scattering. <i>RSC Advances</i> , 2017, 7, 8200-8204.	3.6	2
9	Probing Dielectric Properties of Metal-Organic Frameworks: MIL-53(Al) as a Model System for Theoretical Predictions and Experimental Measurements via Synchrotron Far- and Mid-Infrared Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5035-5040.	4.6	39
10	Thermo-mechanical properties of mixed-matrix membranes encompassing zeolitic imidazolate framework-90 and polyvinylidene difluoride: ZIF-90/PVDF nanocomposites. <i>APL Materials</i> , 2017, 5, .	5.1	25
11	Freestanding fiber mats of zeolitic imidazolate framework 7 via one-step, scalable electrospinning. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	19
12	Facile patterning of electrospun polymer fibers enabled by electrostatic lensing interactions. <i>APL Materials</i> , 2016, 4, 086107.	5.1	9
13	Operando observation of the Taylor cone during electrospinning by multiple synchrotron X-ray techniques. <i>Materials and Design</i> , 2016, 110, 933-934.	7.0	9