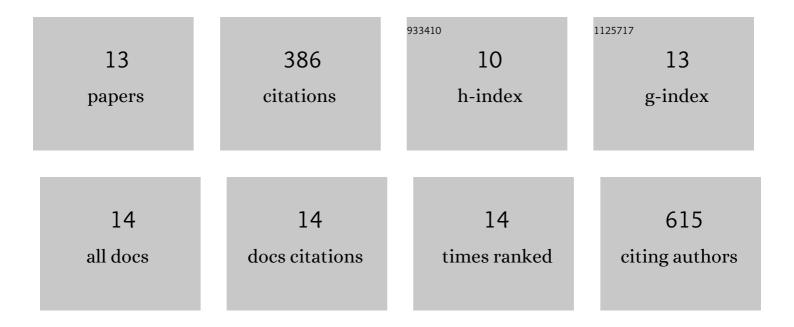
## Kirill Titov

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Elucidating the Drug Release from Metal–Organic Framework Nanocomposites via In Situ Synchrotron Microspectroscopy and Theoretical Modeling. ACS Applied Materials & Interfaces, 2020, 12, 5147-5156.	8.0	43
2	Green Reconstruction of MIL-100 (Fe) in Water for High Crystallinity and Enhanced Guest Encapsulation. ACS Sustainable Chemistry and Engineering, 2020, 8, 8247-8255.	6.7	20
3	Guest–host interactions of nanoconfined anti-cancer drug in metal–organic framework exposed by terahertz dynamics. Chemical Communications, 2019, 55, 3868-3871.	4.1	27
4	OX-1 Metal–Organic Framework Nanosheets as Robust Hosts for Highly Active Catalytic Palladium Species. ACS Sustainable Chemistry and Engineering, 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. Journal of Physical Chemistry C, 2019, 123, 29427-29435.	3.1	14
6	Mechanical metamaterials with star-shaped pores exhibiting negative and zero Poisson's ratio. Materials and Design, 2018, 146, 28-37.	7.0	133
7	Dielectric Properties of Zeolitic Imidazolate Frameworks in the Broad-Band Infrared Regime. Journal of Physical Chemistry Letters, 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. RSC Advances, 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. Journal of Physical Chemistry Letters, 2017, 8, 5035-5040.	4.6	39
10	Thermo-mechanical properties of mixed-matrix membranes encompassing zeolitic imidazolate framework-90 and polyvinylidine difluoride: ZIF-90/PVDF nanocomposites. APL Materials, 2017, 5, .	5.1	25
11	Freestanding fiber mats of zeolitic imidazolate framework 7 via oneâ€step, scalable electrospinning. Journal of Applied Polymer Science, 2016, 133, .	2.6	19
12	Facile patterning of electrospun polymer fibers enabled by electrostatic lensing interactions. APL Materials, 2016, 4, 086107.	5.1	9
13	Operando observation of the Taylor cone during electrospinning by multiple synchrotron X-ray techniques. Materials and Design, 2016, 110, 933-934.	7.0	9