

# Tor M Pedersen

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

423  
citations

933447

10  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

591  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Co and O defects on the magnetism in Co-doped ZnO: Experiment and theory. Physical Review B, 2007, 75, .	3.2	99
2	A molecular insight into the nature of crystallographic mismatches in self-assembled fibrillar networks under non-isothermal crystallization conditions. Soft Matter, 2010, 6, 404-408.	2.7	75
3	Influence of chirality on the modes of self-assembly of 12-hydroxystearic acid in molecular gels of mineral oil. Soft Matter, 2011, 7, 7359.	2.7	55
4	Multicomponent Hollow Tubules Formed Using Phytosterol and $\hat{1}^3$ -Oryzanol-Based Compounds: An Understanding of Their Molecular Embrace. Journal of Physical Chemistry A, 2010, 114, 8278-8285.	2.5	54
5	Hydrogen-Bonding Density of Supramolecular Self-Assembled Fibrillar Networks Probed Using Synchrotron Infrared Spectromicroscopy. Crystal Growth and Design, 2009, 9, 3621-3625.	3.0	23
6	<i>Allium fistulosum</i> as a novel system to investigate mechanisms of freezing resistance. Physiologia Plantarum, 2013, 147, 101-111.	5.2	23
7	Probing Interfacial Characteristics of Rubrene/Pentacene and Pentacene/Rubrene Bilayers with Soft X-Ray Spectroscopy. Journal of Physical Chemistry B, 2007, 111, 9513-9518.	2.6	22
8	Correlation-driven electronic reconstruction in FeTe $1\hat{x}$ Sex. Communications Physics, 2022, 5, .	5.3	17
9	Synchrotron Infrared Radiation for Electrochemical External Reflection Spectroscopy: A Case Study Using Ferrocyanide. Analytical Chemistry, 2011, 83, 3632-3639.	6.5	16
10	High-order replica bands in monolayer FeSe/SrTiO3 revealed by polarization-dependent photoemission spectroscopy. Nature Communications, 2021, 12, 4573.	12.8	11
11	Interface for time-resolved electrochemical infrared microspectroscopy using synchrotron infrared radiation. Review of Scientific Instruments, 2011, 82, 083105.	1.3	8
12	Local electronic structure of Mn dopants in ZnO probed by resonant inelastic x-ray scattering. Journal of Physics Condensed Matter, 2007, 19, 276210.	1.8	5
13	Micro-photoacoustic infrared spectroscopy. Infrared Physics and Technology, 2018, 93, 240-246.	2.9	4
14	Three-dimensional electronic structure of LiFeAs. Physical Review B, 2022, 105, .	3.2	4
15	Electronic properties of epitaxial La $1\hat{x}$ SrxRhO3 thin films. Physical Review B, 2021, 103, .	3.2	3
16	Post-annealing effect on the electronic structure of Mn atoms in Ga $1\hat{x}$ MnxAs probed by resonant inelastic x-ray scattering. Journal of Physics Condensed Matter, 2007, 19, 076215.	1.8	2
17	Physical properties and electronic structure of single-crystal $KCo_2$ Physical Review Materials, 2022, 6, .		