

# Stefan Peeters

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9389720/publications.pdf>

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8  
papers

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citations

1684188

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1588992

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8  
docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Tribochemical Reactions of MoDTC Lubricant Additives with Iron by Quantum Mechanics/Molecular Mechanics Simulations. <i>Journal of Physical Chemistry C</i> , 2020, 124, 13688-13694.	3.1	19
2	Characterization of Molybdenum Dithiocarbamates by First-Principles Calculations. <i>Journal of Physical Chemistry A</i> , 2019, 123, 7007-7015.	2.5	17
3	Adsorption and Dissociation of Ni(acac) <sub>2</sub> on Iron by Ab Initio Calculations. <i>Journal of Physical Chemistry A</i> , 2020, 124, 8005-8010.	2.5	7
4	Experimental and Ab Initio Characterization of Mononuclear Molybdenum Dithiocarbamates in Lubricant Mixtures. <i>Langmuir</i> , 2021, 37, 4836-4846.	3.5	7
5	Adsorption and decomposition of ZDDP on lightweight metallic substrates: Ab initio and experimental insights. <i>Applied Surface Science</i> , 2022, 600, 153947.	6.1	7
6	Importance of the catalytic effect of the substrate in the functionality of lubricant additives: the case of molybdenum dithiocarbamates. <i>Materials Today Chemistry</i> , 2021, 21, 100487.	3.5	4
7	Reconstruction of a 2D layer of KBr on Ir(111) and electromechanical alteration by graphene. <i>Beilstein Journal of Nanotechnology</i> , 2021, 12, 432-439.	2.8	1
8	2D KBr/Graphene Heterostructures' Influence on Work Function and Friction. <i>Nanomaterials</i> , 2022, 12, 968.	4.1	1