

# Tim Staps

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7113553/publications.pdf>

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12  
papers

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citations

1478505

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1474206

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13  
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13  
docs citations

13  
times ranked

49  
citing authors

#	ARTICLE	IF	CITATIONS
1	Resonant microwaves probing the spatial afterglow of an RF plasma jet. Applied Physics Letters, 2019, 115, .	3.3	18
2	Transition from ambipolar to free diffusion in an EUV-induced argon plasma. Applied Physics Letters, 2020, 116, .	3.3	16
3	Probing Collisional Plasmas with MCRS: Opportunities and Challenges. Applied Sciences (Switzerland), 2020, 10, 4331.	2.5	8
4	Resonant microwaves probing acoustic waves from an RF plasma jet. Plasma Sources Science and Technology, 2020, 29, 045024.	3.1	8
5	In-situ measurement of dust charge density in nanodusty plasma. Journal Physics D: Applied Physics, 2022, 55, 08LT01.	2.8	8
6	The underexposed effect of elastic electron collisions in dusty plasmas. Communications Physics, 2021, 4, .	5.3	7
7	Step-wise excitation for the determination of the resonance frequency of a microparticle confined in a low pressure plasma. Physics of Plasmas, 2021, 28, 083502.	1.9	6
8	Characterization of cyclic dust growth in a low-pressure, radio-frequency driven argon-hexamethyldisiloxane plasma. Journal Physics D: Applied Physics, 2022, 55, 395203.	2.8	6
9	Influence of a magnetic field on an extreme ultraviolet photon-induced plasma afterglow. Journal Physics D: Applied Physics, 2021, 54, 435205.	2.8	5
10	Numerical profile correction of microwave cavity resonance spectroscopy measurements of the electron density in low-pressure discharges. Review of Scientific Instruments, 2021, 92, 093504.	1.3	4
11	Laser-induced photodetachment of negative oxygen ions in the spatial afterglow of an atmospheric pressure plasma jet. Plasma Sources Science and Technology, 2022, 31, 025010.	3.1	3
12	Magnetic field-enhanced beam monitor for ionizing radiation. Review of Scientific Instruments, 2020, 91, 063503.	1.3	2