

# Detlev Koester

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5346088/publications.pdf>

Version: 2024-02-01

15  
papers

672  
citations

759233

12  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

644  
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinematic properties of white dwarfs. <i>Astronomy and Astrophysics</i> , 2022, 658, A22.	5.1	11
2	Discovery of 74 new bright ZZ Ceti stars in the first three years of <i>TESS</i>. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1574-1590.	4.4	14
3	The evolution of ultra-massive carbonâ€“oxygen white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 5198-5206.	4.4	11
4	Spectral analysis of cool white dwarfs accreting from planetary systems: from the ultraviolet to the optical. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 71-82.	4.4	8
5	Planets or asteroids? A geochemical method to constrain the masses of White Dwarf pollutants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 3512-3530.	4.4	14
6	Alkali metals in white dwarf atmospheres as tracers of ancient planetary crusts. <i>Nature Astronomy</i> , 2021, 5, 451-459.	10.1	28
7	Horizontal spreading of planetary debris accreted by white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 1646-1667.	4.4	21
8	Bayesian constraints on the origin and geology of exoplanetary material using a population of externally polluted white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2853-2867.	4.4	21
9	White dwarf pollution by hydrated planetary remnants: hydrogen and metals in WDâ€“%j204713.76â€“125908.9. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 171-182.	4.4	28
10	Convective overshoot and macroscopic diffusion in pure-hydrogen-atmosphere white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 2503-2522.	4.4	35
11	White dwarf and subdwarf stars in the Sloan Digital Sky Survey Data Release 14. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 2169-2183.	4.4	80
12	A planetesimal orbiting within the debris disc around a white dwarf star. <i>Science</i> , 2019, 364, 66-69.	12.6	131
13	Accretion of a giant planet onto a white dwarf star. <i>Nature</i> , 2019, 576, 61-64.	27.8	113
14	Another one grinds the dust: variability of the planetary debris disc at the white dwarf SDSSâ€“J104341.53+085558.2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 1461-1469.	4.4	55
15	Doppler imaging of the planetary debris disc at the white dwarf SDSSâ€“J122859.93+104032.9. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 4467-4478.	4.4	102