

# Weng-Hang Leong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1761747/publications.pdf>

Version: 2024-02-01

10  
papers

197  
citations

1163117

8  
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1372567

10  
g-index

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docs citations

10  
times ranked

281  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zero-field magnetometry using hyperfine-biased nitrogen-vacancy centers near diamond surfaces. <i>Physical Review Research</i> , 2022, 4, .	3.6	11
2	Revealing Capillarity in AFM Indentation of Cells by Nanodiamond-Based Nonlocal Deformation Sensing. <i>Nano Letters</i> , 2022, 22, 3889-3896.	9.1	1
3	Ultra-sensitive hybrid diamond nanothermometer. <i>National Science Review</i> , 2021, 8, nwaa194.	9.5	28
4	Association of Nanodiamond Rotation Dynamics with Cell Activities by Translation-Rotation Tracking. <i>Nano Letters</i> , 2021, 21, 3393-3400.	9.1	17
5	Nanometer-precision non-local deformation reconstruction using nanodiamond sensing. <i>Nature Communications</i> , 2019, 10, 3259.	12.8	15
6	Magnetic Criticality Enhanced Hybrid Nanodiamond Thermometer under Ambient Conditions. <i>Physical Review X</i> , 2018, 8, .	8.9	48
7	Phase transitions in sequential weak measurements. <i>Physical Review A</i> , 2018, 98, .	2.5	11
8	Hybrid nanodiamond quantum sensors enabled by volume phase transitions of hydrogels. <i>Nature Communications</i> , 2018, 9, 3188.	12.8	54
9	Localized in-gap state in a single-electron doped Mott insulator. <i>Physical Review B</i> , 2014, 90, .	3.2	10
10	Effects of the spin-orbit coupling on the vacancy-induced magnetism on the honeycomb lattice. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014, 378, 2280-2284.	2.1	2