

Weng-Hang Leong

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

197
citations

1163117

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1372567

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all docs

10
docs citations

10
times ranked

281
citing authors

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