

Mark E Limes

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

405
citations

840776

11
h-index

1125743

13
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14
all docs

14
docs citations

14
times ranked

396
citing authors

#	ARTICLE	IF	CITATIONS
1	Portable Magnetometry for Detection of Biomagnetism in Ambient Environments. Physical Review Applied, 2020, 14, . $s = \frac{1}{2} \frac{d}{d\omega} \left(\frac{d}{d\omega} \right)$	3.8	107
2	Probing long-range carrier-pair spin-spin interactions in a conjugated polymer by detuning of electrically detected spin beating. Nature Communications, 2015, 6, 6688.	12.8	38
3	The spin-Dicke effect in OLED magnetoresistance. Nature Physics, 2015, 11, 910-914.	16.7	39
4	Probing long-range carrier-pair spin-spin interactions in a conjugated polymer by detuning of electrically detected spin beating. Nature Communications, 2015, 6, 6688.	12.8	38
5	Negative Coulomb damping, limit cycles, and self-oscillation of the vocal folds. American Journal of Physics, 2006, 74, 386-393.	0.7	30
6	Numerical study of spin-dependent transition rates within pairs of dipolar and exchange coupled spins with magnetic resonant excitation. Physical Review B, 2013, 87, . $s = \frac{1}{2} \frac{d}{d\omega} \left(\frac{d}{d\omega} \right)$	3.2	17
7	Magnetic resonance in slowly modulated longitudinal field: Modified shape of the Rabi oscillations. Physical Review B, 2013, 87, . Dipolar and scalar	3.2	16
8	Dipolar and scalar frequency shifts in stemless cells. Physical Review A, 2019, 100, . $s = \frac{1}{2} \frac{d}{d\omega} \left(\frac{d}{d\omega} \right)$	2.5	16
9	Pulsed Optically Pumped Magnetometers: Addressing Dead Time and Bandwidth for the Unshielded Magnetorelaxometry of Magnetic Nanoparticles. Sensors, 2021, 21, 1212.	3.8	15
10	Heading errors in all-optical alkali-metal-vapor magnetometers in geomagnetic fields. Physical Review A, 2021, 103, .	2.5	14
11	Analytical study of spin-dependent transition rates within pairs of dipolar and strongly exchange coupled spins with during magnetic resonant excitation. Physical Review B, 2013, 87, .	3.2	12
12	Robust solid ^{129}Xe longitudinal relaxation times. Physical Review B, 2016, 94, .	3.2	4
13	Nuclear relaxation measurements in organic semiconducting polymers for application to organic spintronics. Physical Review B, 2015, 91, .	3.2	2