

# Megan Stokey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7516478/publications.pdf>

Version: 2024-02-01

14  
papers

142  
citations

1163117

8  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

183  
citing authors

#	ARTICLE	IF	CITATIONS
1	dielectric functions and Brillouin zone center phonons of $\text{Al}_2\text{O}_3$ compared to $\text{Ga}_2\text{O}_3$ . Physical Review Materials, 2021, 1, .	2.4	10
2	Linear strain and stress potential parameters for the three fundamental band to band transitions in $\text{Ga}_2\text{O}_3$ . Applied Physics Letters, 2022, 120, .	3.3	3
3	Terahertz electron paramagnetic resonance generalized spectroscopic ellipsometry: The magnetic response of the nitrogen defect in 4H-SiC. Applied Physics Letters, 2022, 120, .	3.3	8
4	Infrared-active phonon modes and static dielectric constants in $(\text{Al}_x\text{Ga}_{1-x})_2\text{O}_3$ (0.18 $\leq x \leq$ 0.54) alloys. Applied Physics Letters, 2022, 120, .	3.3	4
5	Elevated temperature spectroscopic ellipsometry analysis of the dielectric function, exciton, band-to-band transition, and high-frequency dielectric constant properties for single-crystal $\text{ZnGa}_2\text{O}_4$ . Applied Physics Letters, 2022, 120, .	3.3	4
6	Anisotropic dielectric functions, band-to-band transitions, and critical points in $\text{Ga}_2\text{O}_3$ . Applied Physics Letters, 2021, 118, .	3.3	19
7	Zinc gallate spinel dielectric function, band-to-band transitions, and $\Gamma^*$ -point effective mass parameters. Applied Physics Letters, 2021, 118, .	3.3	9
8	Optical phonon modes, static and high-frequency dielectric constants, and effective electron mass parameter in cubic $\text{In}_2\text{O}_3$ . Journal of Applied Physics, 2021, 129, .	2.5	11
9	High-frequency and below bandgap anisotropic dielectric constants in $(\text{Al}_x\text{Ga}_{1-x})_2\text{O}_3$ ( $0 \leq x \leq 1$ ). Applied Physics Letters, 2021, 119, .	3.3	14
10	Brillouin zone center phonon modes in $\text{ZnGa}_2\text{O}_4$ . Applied Physics Letters, 2020, 117, .	3.3	5
11	Strain and stress relationships for optical phonon modes in monoclinic crystals with $\text{Al}_2\text{O}_3$ as an example. Physical Review B, 2020, 102, .	3.2	13
12	Infrared active phonons in monoclinic lutetium oxyorthosilicate. Journal of Applied Physics, 2020, 127, .	2.5	6
13	The anisotropic quasi-static permittivity of single-crystal $\text{Ga}_2\text{O}_3$ measured by terahertz spectroscopy. Applied Physics Letters, 2020, 117, .	3.3	27
14	Lattice dynamics of orthorhombic $\text{NdGaO}_3$ . Physical Review B, 2019, 99, .	3.2	9