

# Gerardo T Martinez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11695585/publications.pdf>

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8  
papers

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citations

1307594

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1588992

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g-index

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docs citations

9  
times ranked

486  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron ptychographic microscopy for three-dimensional imaging. Nature Communications, 2017, 8, 163.	12.8	89
2	Electron ptychographic phase imaging of light elements in crystalline materials using Wigner distribution deconvolution. Ultramicroscopy, 2017, 180, 173-179.	1.9	67
3	Low-Dose Aberration-Free Imaging of Li-Rich Cathode Materials at Various States of Charge Using Electron Ptychography. Nano Letters, 2018, 18, 6850-6855.	9.1	53
4	Interstitial Boron Atoms in the Palladium Lattice of an Industrial Type of Nanocatalyst: Properties and Structural Modifications. Journal of the American Chemical Society, 2019, 141, 19616-19624.	13.7	43
5	High dose efficiency atomic resolution imaging via electron ptychography. Ultramicroscopy, 2019, 196, 131-135.	1.9	40
6	Advanced electron crystallography through model-based imaging. IUCr, 2016, 3, 71-83.	2.2	36
7	Contrast transfer and noise considerations in focused-probe electron ptychography. Ultramicroscopy, 2021, 221, 113189.	1.9	28
8	Efficient Phase Contrast Imaging via Electron Ptychography, a Tutorial. Microscopy and Microanalysis, 2019, 25, 2684-2685.	0.4	2