

# Augustus K W Chee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3372547/publications.pdf>

Version: 2024-02-01

8  
papers

137  
citations

1307594

7  
h-index

1720034

7  
g-index

9  
all docs

9  
docs citations

9  
times ranked

115  
citing authors

#	ARTICLE	IF	CITATIONS
1	A quantitative model for doping contrast in the scanning electron microscope using calculated potential distributions and Monte Carlo simulations. <i>Journal of Applied Physics</i> , 2011, 109, .	2.5	47
2	Quantitative Dopant Profiling by Energy Filtering in the Scanning Electron Microscope. <i>IEEE Transactions on Device and Materials Reliability</i> , 2016, 16, 138-148.	2.0	26
3	Enhancing doping contrast and optimising quantification in the scanning electron microscope by surface treatment and Fermi level pinning. <i>Scientific Reports</i> , 2018, 8, 5247.	3.3	21
4	Principles of High-Resolution Dopant Profiling in the Scanning Helium Ion Microscope, Image Widths, and Surface Band Bending. <i>IEEE Transactions on Electron Devices</i> , 2019, 66, 4883-4887.	3.0	14
5	Fermi level pinning characterisation on ammonium fluoride-treated surfaces of silicon by energy-filtered doping contrast in the scanning electron microscope. <i>Scientific Reports</i> , 2016, 6, 32003.	3.3	11
6	Unravelling new principles of site-selective doping contrast in the dual-beam focused ion beam/scanning electron microscope. <i>Ultramicroscopy</i> , 2020, 213, 112947.	1.9	10
7	Dopant profiling based on scanning electron and helium ion microscopy. <i>Ultramicroscopy</i> , 2016, 161, 51-58.	1.9	7
8	A comparison of donor mapping techniques using the scanning helium ion microscope and scanning electron microscope. , 2014, , .		1