

# Eric J Choi

## List of Publications by Year in descending order

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9  
papers

714  
citations

1162367  
8  
h-index

1473754  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

1025  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensors Based Upon Nanowires, Nanotubes, and Nanoribbons: 2016–2020. <i>Analytical Chemistry</i> , 2021, 93, 124-166.	3.2	30
2	Enhancing the Sensitivity of the Virus BioResistor by Overoxidation: Detecting IgG Antibodies. <i>Analytical Chemistry</i> , 2021, 93, 11259-11267.	3.2	5
3	Electrode Degradation in Lithium-Ion Batteries. <i>ACS Nano</i> , 2020, 14, 1243-1295.	7.3	484
4	Magic angle spinning NMR with metallized rotors as cylindrical microwave resonators. <i>Magnetic Resonance in Chemistry</i> , 2018, 56, 831-835.	1.1	9
5	Frequency-agile gyrotron for electron decoupling and pulsed dynamic nuclear polarization. <i>Journal of Magnetic Resonance</i> , 2018, 289, 45-54.	1.2	47
6	Magic angle spinning NMR below 6 K with a computational fluid dynamics analysis of fluid flow and temperature gradients. <i>Journal of Magnetic Resonance</i> , 2018, 286, 1-9.	1.2	32
7	Electron Decoupling with Dynamic Nuclear Polarization in Rotating Solids. <i>Journal of the American Chemical Society</i> , 2017, 139, 6310-6313.	6.6	57
8	Instrumentation for cryogenic magic angle spinning dynamic nuclear polarization using 90 L of liquid nitrogen per day. <i>Journal of Magnetic Resonance</i> , 2017, 283, 71-78.	1.2	14
9	Frequency swept microwaves for hyperfine decoupling and time domain dynamic nuclear polarization. <i>Solid State Nuclear Magnetic Resonance</i> , 2015, 72, 79-89.	1.5	36