

# Jiyong Cheong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/790972/publications.pdf>

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6  
papers

287  
citations

1478505

6  
h-index

1720034

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8  
docs citations

8  
times ranked

344  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast detection of SARS-CoV-2 RNA via the integration of plasmonic thermocycling and fluorescence detection in a portable device. <i>Nature Biomedical Engineering</i> , 2020, 4, 1159-1167.	22.5	159
2	High-resolution T1 MRI via renally clearable dextran nanoparticles with an iron oxide shell. <i>Nature Biomedical Engineering</i> , 2021, 5, 252-263.	22.5	53
3	Fluorescence polarization system for rapid COVID-19 diagnosis. <i>Biosensors and Bioelectronics</i> , 2021, 178, 113049.	10.1	44
4	A rapid assay provides on-site quantification of tetrahydrocannabinol in oral fluid. <i>Science Translational Medicine</i> , 2021, 13, eabe2352.	12.4	12
5	Development of Integrated Systems for On-Site Infection Detection. <i>Accounts of Chemical Research</i> , 2021, 54, 3991-4000.	15.6	10
6	Iron Oxide-Coated Dextran Nanoparticles with Efficient Renal Clearance for Musculoskeletal Magnetic Resonance Imaging. <i>ACS Applied Nano Materials</i> , 2021, 4, 12943-12948.	5.0	3