

# Robert M Corn

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4672564/publications.pdf>

Version: 2024-02-01

9  
papers

408  
citations

1478505

6  
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1474206

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g-index

9  
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docs citations

9  
times ranked

773  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiplexed Detection Methods for Profiling MicroRNA Expression in Biological Samples. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 644-652.	13.8	253
2	Characterizing Single Polymeric and Protein Nanoparticles with Surface Plasmon Resonance Imaging Measurements. <i>ACS Nano</i> , 2017, 11, 7447-7456.	14.6	46
3	Gold Nanoring Arrays for Near Infrared Plasmonic Biosensing. <i>Plasmonics</i> , 2014, 9, 765-772.	3.4	35
4	MicroRNA detection on microsensor arrays by SPR imaging measurements with enzymatic signal enhancement. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111565.	10.1	33
5	Fabrication of PEDOT Nanocone Arrays with Electrochemically Modulated Broadband Antireflective Properties. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 576-579.	4.6	17
6	Characterizing the Incorporation of DNA into Single NIPAm Hydrogel Nanoparticles with Surface Plasmon Resonance Imaging Measurements. <i>Journal of Physical Chemistry C</i> , 2019, 123, 6090-6096.	3.1	11
7	Ultra-Antireflective Electrodeposited Plasmonic and PEDOT Nanocone Array Surfaces. <i>Journal of Physical Chemistry C</i> , 2017, 121, 22377-22383.	3.1	6
8	Complex Resonant Scattering Behavior in the Surface Plasmon Resonance Imaging Microscopy of Single Gold Nanorods. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 2004-2010.	4.6	5
9	Quantitative Characterization of Optical Coupling in Nanoporous ZnO/WO <sub>3</sub> and ZnO/PEDOT Composite Electrodeposited Gratings Using Electrodiffracton Measurements. <i>Journal of Physical Chemistry C</i> , 2019, 123, 762-769.	3.1	2