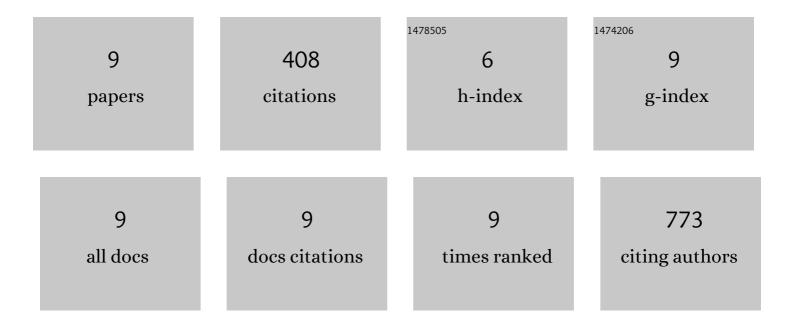
## Robert M Corn

List of Publications by Year in descending order

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