

Aaron D Mueller

List of Publications by Year in descending order

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10
papers

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1683354

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#	ARTICLE	IF	CITATIONS
1	Hybridized surface lattice modes in intercalated 3-disk plasmonic crystals for high figure-of-merit plasmonic sensing. <i>Nanoscale</i> , 2021, 13, 4092-4102.	2.8	9
2	Resonance Modes of Tall Plasmonic Nanostructures and Their Applications for Biosensing. <i>IEEE Journal of Quantum Electronics</i> , 2020, 56, 1-7.	1.0	3
3	Hybrid Transverse-Longitudinal Modes for High Figure-of-Merit Localized Plasmonic Refractometric Sensing in the Visible Spectrum. <i>Advanced Optical Materials</i> , 2020, 8, 1901739.	3.6	6
4	Nanobridges formed through electron beam image reversal lithography for plasmonic mid-infrared resonators with high aspect ratio nanogaps. <i>Nanotechnology</i> , 2019, 30, 425302.	1.3	1
5	Reliable Fabrication of High Aspect Ratio Plasmonic Nanostructures Based on Seedless Pulsed Electrodeposition. <i>Advanced Materials Technologies</i> , 2019, 4, 1800364.	3.0	10
6	Combining sonicated cold development and pulsed electrodeposition for high aspect ratio sub-10 nm gap gold dimers for sensing applications in the visible spectrum. <i>Nanoscale</i> , 2018, 10, 5221-5228.	2.8	13
7	Polarization invariant plasmonic nanostructures for sensing applications. <i>Scientific Reports</i> , 2017, 7, 7539.	1.6	21
8	Ultra-small v-shaped gold split ring resonators for biosensing using fundamental magnetic resonance in the visible spectrum. <i>Nanotechnology</i> , 2017, 28, 405305.	1.3	11
9	Vertical growth of plasmonic nanostructures via electrodeposition on a conductive oxide. <i>Procedia Engineering</i> , 2017, 215, 60-65.	1.2	1
10	Interplays of Dipole and Charge-Transfer Plasmon Modes in Capacitively and Conductively Coupled Dimer with High Aspect Ratio Nanogaps. <i>Advanced Optical Materials</i> , 0, , 2100748.	3.6	3