

Aaron D Mueller

List of Publications by Year in descending order

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papers

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1683354

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9
g-index

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all docs

10
docs citations

10
times ranked

96
citing authors

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