

# Adam C Lauchner

## List of Publications by Year in descending order

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1669  
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#	ARTICLE	IF	CITATIONS
1	Enhancing the photocurrent and photoluminescence of single crystal monolayer MoS <sub>2</sub> with resonant plasmonic nanoshells. Applied Physics Letters, 2014, 104, 031112.	3.3	208
2	Hot Hole Photoelectrochemistry on Au@SiO <sub>2</sub> @Au Nanoparticles. Journal of Physical Chemistry Letters, 2017, 8, 2060-2067.	4.6	137
3	Multicolor Electrochromic Devices Based on Molecular Plasmonics. ACS Nano, 2017, 11, 3254-3261.	14.6	97
4	Molecular Plasmonics. Nano Letters, 2015, 15, 6208-6214.	9.1	80
5	High-Performance and Low-Power Rewritable SiO <sub>x</sub> 1 kbit One Diode-One Resistor Crossbar Memory Array. Advanced Materials, 2013, 25, 4789-4793.	21.0	66
6	Lifetime dynamics of plasmons in the few-atom limit. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9134-9139.	7.1	30
7	Discovery of a Tidal Stream Extending from NGC 5053. Astrophysical Journal, 2006, 651, L33-L36.	4.5	28
8	Molecular Plasmon-Phonon Coupling. Nano Letters, 2016, 16, 6390-6395.	9.1	20
9	Effects of Electronic Structure on Molecular Plasmon Dynamics. Journal of Physical Chemistry C, 2020, 124, 20450-20457.	3.1	8