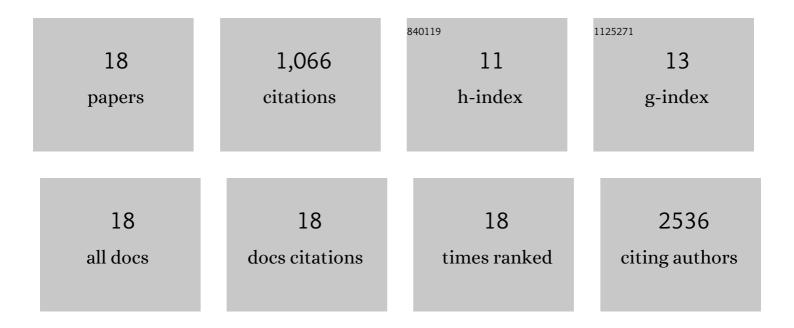
## **Riley Gatensby**

List of Publications by Year in descending order

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RILEY CATENSBY

#	Article	IF	CITATIONS
1	Large-area patterning for broadband, quasi-omnidirectional low-reflectance glass. Journal of Micromechanics and Microengineering, 2022, 32, 085009.	1.5	0
2	Optimization and Control of Large Block Copolymer Self-Assembly via Precision Solvent Vapor Annealing. Macromolecules, 2021, 54, 1203-1215.	2.2	22
3	Enhanced Dye Degradation through Multiâ€Particle Confinement in a Porous Silicon Substrate: A Highly Efficient, Low Band Gap Photocatalyst. Advanced Optical Materials, 2021, 9, 2002238.	3.6	11
4	Block Copolymer Derived Vertically Coupled Plasmonic Arrays for Surface-Enhanced Raman Spectroscopy. ACS Applied Materials & Interfaces, 2020, 12, 23410-23416.	4.0	24
5	Saturation of Two-Photon Absorption in Layered Transition Metal Dichalcogenides: Experiment and Theory. ACS Photonics, 2018, 5, 1558-1565.	3.2	79
6	Fieldâ€Ðependent Electrical and Thermal Transport in Polycrystalline WSe <sub>2</sub> . Advanced Materials Interfaces, 2018, 5, 1701161.	1.9	17
7	Structural and Electrical Investigation of MoS <sub>2</sub> Thin Films Formed by Thermal Assisted Conversion of Mo Metal. ECS Journal of Solid State Science and Technology, 2016, 5, Q3016-Q3020.	0.9	6
8	Investigations of vapour-phase deposited transition metal dichalcogenide films for future electronic applications. Solid-State Electronics, 2016, 125, 39-51.	0.8	36
9	A New 2H-2H′/1T Cophase in Polycrystalline MoS <sub>2</sub> and MoSe <sub>2</sub> Thin Films. ACS Applied Materials & Interfaces, 2016, 8, 31442-31448.	4.0	33
10	Investigations of vapor phase deposited transition metal dichalcogenide films for future electronic applications. , 2015, , .		1
11	Spin-dependent transport properties of Fe3O4/MoS2/Fe3O4 junctions. Scientific Reports, 2015, 5, 15984.	1.6	53
12	Low wavenumber Raman spectroscopy of highly crystalline MoSe <sub>2</sub> grown by chemical vapor deposition. Physica Status Solidi (B): Basic Research, 2015, 252, 2385-2389.	0.7	29
13	Low wavenumber Raman spectroscopy of highly crystalline MoSe2 grown by chemical vapor deposition (Phys. Status Solidi B 11/2015). Physica Status Solidi (B): Basic Research, 2015, 252, .	0.7	0
14	Nanopatterning and Electrical Tuning of MoS <sub>2</sub> Layers with a Subnanometer Helium Ion Beam. Nano Letters, 2015, 15, 5307-5313.	4.5	171
15	Investigation of 2D transition metal dichalcogenide films for electronic devices. , 2015, , .		4
16	Controlled synthesis of transition metal dichalcogenide thin films for electronic applications. Applied Surface Science, 2014, 297, 139-146.	3.1	144
17	Highâ€Performance Sensors Based on Molybdenum Disulfide Thin Films. Advanced Materials, 2013, 25, 6699-6702.	11.1	435
18	Fabrication of High-κ Dielectric Metal Oxide Films on Topographically Patterned Substrates: Polymer Brush-Mediated Depositions. ACS Applied Materials & Interfaces, 0, , .	4.0	1