

# Greg Stone

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1700366/publications.pdf>

Version: 2024-02-01

16  
papers

1,325  
citations

687363

13  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

2871  
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-dimensional gallium nitride realized via graphene encapsulation. Nature Materials, 2016, 15, 1166-1171.	27.5	626
2	Dislocation motion and grain boundary migration in two-dimensional tungsten disulphide. Nature Communications, 2014, 5, 4867.	12.8	192
3	Synchronized charge oscillations in correlated electron systems. Scientific Reports, 2014, 4, .	3.3	155
4	Inversion Symmetry Breaking by Oxygen Octahedral Rotations in the Ruddlesden-Popper $\text{Na}_x\text{R}_y\text{TiO}_{3-8x}$ . Physical Review Letters, 2014, 112, 187602.	7.8	60
5	Imprinting of Local Metallic States into $\text{VO}_2$ with Ultraviolet Light. Advanced Functional Materials, 2016, 26, 6612-6618.	14.9	43
6	Defect Coupling and Sub-Angstrom Structural Distortions in $\text{W}_x\text{Mo}_y\text{S}_2$ Monolayers. Nano Letters, 2017, 17, 2802-2808.	9.1	42
7	Light-Activated Gigahertz Ferroelectric Domain Dynamics. Physical Review Letters, 2018, 120, 096101.	7.8	39
8	Polar Oxides without Inversion Symmetry through Vacancy and Chemical Order. Journal of the American Chemical Society, 2017, 139, 2833-2841.	13.7	34
9	Three-dimensional atomic scale electron density reconstruction of octahedral tilt epitaxy in functional perovskites. Nature Communications, 2018, 9, 5220.	12.8	32
10	Nanoscale structural evolution of electrically driven insulator to metal transition in vanadium dioxide. Applied Physics Letters, 2013, 103, .	3.3	31
11	Atomic scale imaging of competing polar states in a Ruddlesden-Popper layered oxide. Nature Communications, 2016, 7, 12572.	12.8	26
12	Atomic and electronic structure of domains walls in a polar metal. Physical Review B, 2019, 99, .	3.2	19
13	Creating Ruddlesden-Popper phases by hybrid molecular beam epitaxy. Applied Physics Letters, 2016, 109, .	3.3	18
14	Aberration Corrected STEM Imaging of Domain Walls in Congruent $\text{LiNbO}_3$ . Microscopy and Microanalysis, 2016, 22, 914-915.	0.4	5
15	Overlapping growth windows to build complex oxide superlattices. APL Materials, 2018, 6, 111104.	5.1	3
16	Statistical Measurement of Polar Displacements in Complex Oxides. Microscopy and Microanalysis, 2017, 23, 1660-1661.	0.4	0