

Greg Stone

List of Publications by Year in descending order

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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	Atomic and electronic structure of domain walls in a polar metal. <i>Physical Review B</i> , 2019, 99, .	3.2	19
2	Light-Activated Gigahertz Ferroelectric Domain Dynamics. <i>Physical Review Letters</i> , 2018, 120, 096101.	7.8	39
3	Overlapping growth windows to build complex oxide superlattices. <i>APL Materials</i> , 2018, 6, 111104.	5.1	3
4	Three-dimensional atomic scale electron density reconstruction of octahedral tilt epitaxy in functional perovskites. <i>Nature Communications</i> , 2018, 9, 5220.	12.8	32
5	Polar Oxides without Inversion Symmetry through Vacancy and Chemical Order. <i>Journal of the American Chemical Society</i> , 2017, 139, 2833-2841.	13.7	34
6	Defect Coupling and Sub-Angstrom Structural Distortions in $W_{1-x}Mo_xS_2$ Monolayers. <i>Nano Letters</i> , 2017, 17, 2802-2808.	9.1	42
7	Statistical Measurement of Polar Displacements in Complex Oxides. <i>Microscopy and Microanalysis</i> , 2017, 23, 1660-1661.	0.4	0
8	Aberration Corrected STEM Imaging of Domain Walls in Congruent $LiNbO_3$. <i>Microscopy and Microanalysis</i> , 2016, 22, 914-915.	0.4	5
9	Atomic scale imaging of competing polar states in a Ruddlesden-Popper layered oxide. <i>Nature Communications</i> , 2016, 7, 12572.	12.8	26
10	Creating Ruddlesden-Popper phases by hybrid molecular beam epitaxy. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	18
11	Two-dimensional gallium nitride realized via graphene encapsulation. <i>Nature Materials</i> , 2016, 15, 1166-1171.	27.5	626
12	Imprinting of Local Metallic States into VO_2 with Ultraviolet Light. <i>Advanced Functional Materials</i> , 2016, 26, 6612-6618.	14.9	43
13	Inversion Symmetry Breaking by Oxygen Octahedral Rotations in the Ruddlesden-Popper $Na_xR_{1-x}TiO_{2x}$. <i>Physical Review Letters</i> , 2014, 112, 187602.	7.8	60
14	Dislocation motion and grain boundary migration in two-dimensional tungsten disulphide. <i>Nature Communications</i> , 2014, 5, 4867.	12.8	192
15	Synchronized charge oscillations in correlated electron systems. <i>Scientific Reports</i> , 2014, 4, .	3.3	155
16	Nanoscale structural evolution of electrically driven insulator to metal transition in vanadium dioxide. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	31