

Zhiqing Gu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6742786/publications.pdf>

Version: 2024-02-01

10
papers

202
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

207
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical coatings of durability based on transition metal nitrides. <i>Thin Solid Films</i> , 2019, 688, 137339.	1.8	27
2	New design for highly durable infrared-reflective coatings. <i>Light: Science and Applications</i> , 2018, 7, 17175-17175.	16.6	37
3	Improving electrical conductivity and wear resistance of hafnium nitride films via tantalum incorporation. <i>Ceramics International</i> , 2017, 43, 8517-8524.	4.8	12
4	Optical reflectivity and hardness improvement of hafnium nitride films via tantalum alloying. <i>Applied Physics Letters</i> , 2016, 109, 232102.	3.3	8
5	Ion-bombardment-induced reduction in vacancies and its enhanced effect on conductivity and reflectivity in hafnium nitride films. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	3
6	Identification and thermodynamic mechanism of the phase transition in hafnium nitride films. <i>Acta Materialia</i> , 2015, 90, 59-68.	7.9	31
7	Hardness and optical gap enhancement of germanium carbon films by nitrogen incorporation. <i>Thin Solid Films</i> , 2015, 584, 208-213.	1.8	5
8	Negative effect of vacancies on cubic symmetry, hardness and conductivity in hafnium nitride films. <i>Scripta Materialia</i> , 2015, 108, 141-146.	5.2	25
9	Nature of Tunable Optical Reflectivity of Rocksalt Hafnium Nitride Films. <i>Journal of Physical Chemistry C</i> , 2014, 118, 20511-20520.	3.1	23
10	On the nature of point defect and its effect on electronic structure of rocksalt hafnium nitride films. <i>Acta Materialia</i> , 2014, 81, 315-325.	7.9	31