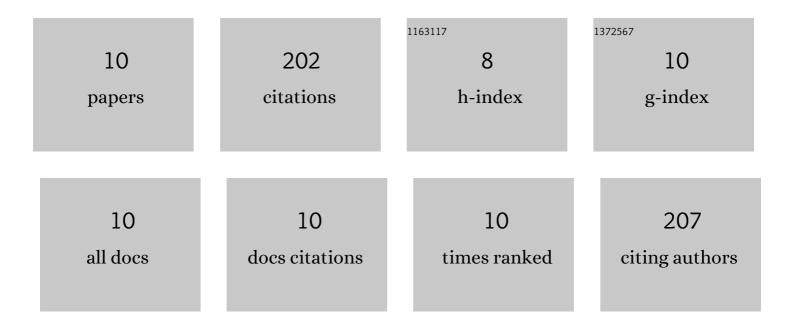
Zhiqing Gu

List of Publications by Year in descending order

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