Akira Takahashi

List of Publications by Year
in descending order

12 papers	556 citations	1040056 9 h-index	1199594 12 g-index
12 all docs	12 docs citations	12 times ranked	711 citing authors

#	ARTICLE	IF	CITATIONS
1	Representation of compounds for machine-learning prediction of physical properties. Physical Review B, 2017, 95, .	3.2	220
2	Sparse representation for a potential energy surface. Physical Review B, 2014, 90, .	3.2	81
3	First-principles interatomic potentials for ten elemental metals via compressed sensing. Physical Review B, 2015, 92, .	3.2	71
4	Conceptual and practical bases for the high accuracy of machine learning interatomic potentials: Application to elemental titanium. Physical Review Materials, 2017, 1, .	2.4	44
5	Electrically Benign Defect Behavior in Zinc Tin Nitride Revealed from First Principles. Physical Review Applied, 2018, 10, .	3.8	34
6	Machine learning models for predicting the dielectric constants of oxides based on high-throughput first-principles calculations. Physical Review Materials, 2020, 4, .	2.4	27
7	Insights into oxygen vacancies from high-throughput first-principles calculations. Physical Review Materials, 2021, 5, .	2.4	25
8	Theoretical exploration of mixed-anion antiperovskite semiconductors M_3 width="4pt"		