

Tanja Graf

List of Publications by Year in descending order

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17
papers

3,520
citations

623734

14
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

4955
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving intrinsic oxygen reduction activity and stability: Atomic layer deposition preparation of platinum-titanium alloy catalysts. Applied Catalysis B: Environmental, 2022, 300, 120741.	20.2	14
2	Extending the limits of Pt/C catalysts with passivation-gas-incorporated atomic layer deposition. Nature Catalysis, 2018, 1, 624-630.	34.4	63
3	Heusler Compounds: Applications in Spintronics. , 2016, , 335-364.		11
4	Heusler Compounds: Applications in Spintronics. , 2015, , 1-24.		2
5	Suppression of Metal-Insulator Transition in VO ₂ by Electric Field-Induced Oxygen Vacancy Formation. Science, 2013, 339, 1402-1405.	12.6	924
6	Magnetic Heusler Compounds. Handbook of Magnetic Materials, 2013, , 1-75.	0.6	25
7	Crystal-Facet-Dependent Metallization in Electrolyte-Gated Rutile TiO ₂ Single Crystals. ACS Nano, 2013, 7, 8074-8081.	14.6	61
8	Synthesis and Magnetic Properties of FePt@MnO Nano-heteroparticles. Chemistry of Materials, 2012, 24, 525-535.	6.7	36
9	Simple rules for the understanding of Heusler compounds. Progress in Solid State Chemistry, 2011, 39, 1-50.	7.2	1,742
10	Tuning the carrier concentration for thermoelectrical application in the quaternary Heusler compound Co ₂ TiAl(1-x)Six. Scripta Materialia, 2010, 63, 925-928.	5.2	22
11	Phase separation in the quaternary Heusler compound CoTi(1-x)MnxSb - A reduction in the thermal conductivity for thermoelectric applications. Scripta Materialia, 2010, 63, 1216-1219.	5.2	51
12	Seebeck coefficients of half-metallic ferromagnets. Solid State Communications, 2010, 150, 529-532.	1.9	82
13	Phase-separation-induced changes in the magnetic and transport properties of the quaternary Heusler alloy $Co_2TiAl_{1-x}Si_x$. Physical Review B, 2010, 82.		
14	Itinerant half-metallic ferromagnets $Co_2TiAl_{1-x}Si_x$. Physical Review B, 2010, 82.		