

Talin Avanesian

List of Publications by Year in descending order

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6
papers

1,356
citations

1478458

6
h-index

1872665

6
g-index

6
all docs

6
docs citations

6
times ranked

2563
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative and Atomic-Scale View of CO-Induced Pt Nanoparticle Surface Reconstruction at Saturation Coverage via DFT Calculations Coupled with <i>in Situ</i> TEM and IR. <i>Journal of the American Chemical Society</i> , 2017, 139, 4551-4558.	13.7	186
2	Mechanism of CO ₂ reduction by H ₂ on Ru(0 0 0 1) and general selectivity descriptors for late-transition metal catalysts. <i>Journal of Catalysis</i> , 2016, 343, 86-96.	6.2	104
3	Scaled Degree of Rate Control: Identifying Elementary Steps That Control Differences in Performance of Transition-Metal Catalysts. <i>ACS Catalysis</i> , 2016, 6, 5268-5272.	11.2	23
4	Adsorbate Specificity in Hot Electron Driven Photochemistry on Catalytic Metal Surfaces. <i>Journal of Physical Chemistry C</i> , 2014, 118, 28017-28031.	3.1	53
5	Direct Photocatalysis by Plasmonic Nanostructures. <i>ACS Catalysis</i> , 2014, 4, 116-128.	11.2	773
6	Controlling Catalytic Selectivity on Metal Nanoparticles by Direct Photoexcitation of Adsorbate-Metal Bonds. <i>Nano Letters</i> , 2014, 14, 5405-5412.	9.1	217