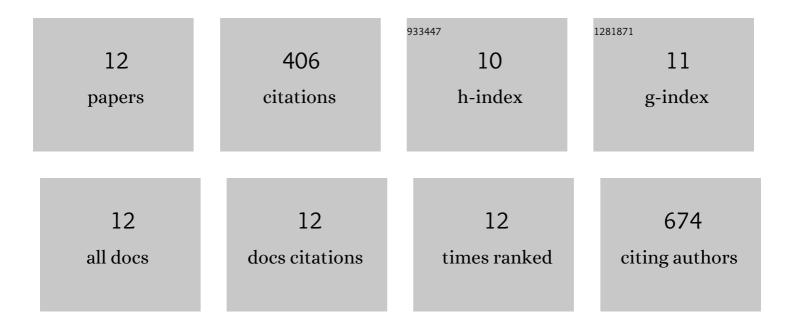
Sarvjit Shastri

List of Publications by Year in descending order

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SADVIIT SHASTDI

#	Article	IF	CITATIONS
1	Origin of High Activity and Durability of Twisty Nanowire Alloy Catalysts under Oxygen Reduction and Fuel Cell Operating Conditions. Journal of the American Chemical Society, 2020, 142, 1287-1299.	13.7	102
2	Morphing Mncore@Ptshell nanoparticles: Effects of core structure on the ORR performance of Pt shell. Applied Catalysis B: Environmental, 2020, 267, 118727.	20.2	58
3	Deviations from Vegard's law and evolution of the electrocatalytic activity and stability of Pt-based nanoalloys inside fuel cells by <i>in operando</i> X-ray spectroscopy and total scattering. Nanoscale, 2019, 11, 5512-5525.	5.6	33
4	Nanoalloy catalysts inside fuel cells: An atomic-level perspective on the functionality by combined in operando x-ray spectroscopy and total scattering. Nano Energy, 2018, 49, 209-220.	16.0	18
5	Application of differential resonant high-energy X-ray diffraction to three-dimensional structure studies of nanosized materials: A case study of Pt–Pd nanoalloy catalysts. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, 553-566.	0.1	11
6	Surface Atomic Structure and Functionality of Metallic Nanoparticles: A Case Study of Au–Pd Nanoalloy Catalysts. Journal of Physical Chemistry C, 2017, 121, 7854-7866.	3.1	20
7	Ensemble averaged structure–function relationship for nanocrystals: effective superparamagnetic Fe clusters with catalytically active Pt skin. Nanoscale, 2017, 9, 15505-15514.	5.6	14
8	3D Atomic Arrangement at Functional Interfaces Inside Nanoparticles by Resonant High-Energy X-ray Diffraction. ACS Applied Materials & Interfaces, 2015, 7, 23265-23277.	8.0	10
9	Resolving Atomic Ordering Differences in Group 11 Nanosized Metals and Binary Alloy Catalysts by Resonant High-Energy X-ray Diffraction and Computer Simulations. Journal of Physical Chemistry C, 2013, 117, 22131-22141.	3.1	25
10	Pt–Au Alloying at the Nanoscale. Nano Letters, 2012, 12, 4289-4299.	9.1	96
11	Structure of Nanocrystalline Materials with Intrinsic Disorder from Atomic Pair Distribution Function Analysis: The Intercalation Compound AgxMoS2 ChemInform, 2003, 34, no.	0.0	0
12	Structure of Nanocrystalline Materials with Intrinsic Disorder from Atomic Pair Distribution Function Analysis:Â The Intercalation Compound AgxMoS2. Journal of Physical Chemistry B, 2002, 106, 12453-12458.	2.6	19