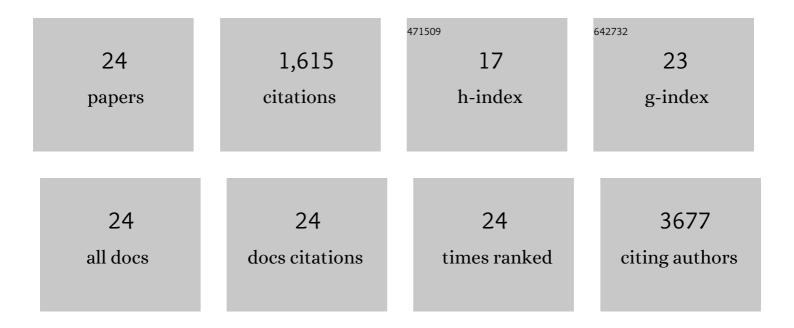
Tiva Sharifi

List of Publications by Year in descending order

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TIVA SHADIEL

#	Article	IF	CITATIONS
1	Nanoscale Mapping and Defectâ€Assisted Manipulation of Surface Plasmon Resonances in 2D Bi ₂ Te ₃ /Sb ₂ 33 Inâ€Plane Heterostructures. Advanced Optical Materials, 2022, 10, .	7.3	4
2	Oxygen Reduction Reactions on Single―or Fewâ€Atom Discrete Active Sites for Heterogeneous Catalysis. Advanced Energy Materials, 2020, 10, 1902084.	19.5	82
3	Extraction of Two-Dimensional Aluminum Alloys from Decagonal Quasicrystals. ACS Nano, 2020, 14, 7435-7443.	14.6	19
4	Tuning the Electrocatalytic Activity of Co ₃ O ₄ through Discrete Elemental Doping. ACS Applied Materials & Interfaces, 2019, 11, 39706-39714.	8.0	21
5	Structural, Optical and Thermal Behavior investigation of 2D Bi2Te3/Sb2Te3 in-plane Heterostructures via Aberration Corrected STEM and EELS. Microscopy and Microanalysis, 2019, 25, 2012-2013.	0.4	1
6	Emerging Carbonâ€Based Heterogeneous Catalysts for Electrochemical Reduction of Carbon Dioxide into Valueâ€Added Chemicals. Advanced Materials, 2019, 31, e1804257.	21.0	218
7	Graphene as an electrochemical transfer layer. Carbon, 2019, 141, 266-273.	10.3	17
8	Liquid Exfoliation of Icosahedral Quasicrystals. Advanced Functional Materials, 2018, 28, 1801181.	14.9	21
9	Atomic Layered Titanium Sulfide Quantum Dots as Electrocatalysts for Enhanced Hydrogen Evolution Reaction. Advanced Materials Interfaces, 2018, 5, 1700895.	3.7	30
10	Fabrication of microporous layer – free hierarchical gas diffusion electrode as a low Pt-loading PEMFC cathode by direct growth of helical carbon nanofibers. RSC Advances, 2018, 8, 41566-41574.	3.6	16
11	Impurity-Controlled Crystal Growth in Low-Dimensional Bismuth Telluride. Chemistry of Materials, 2018, 30, 6108-6115.	6.7	10
12	Robust hierarchical 3D carbon foam electrode for efficient water electrolysis. Scientific Reports, 2017, 7, 6112.	3.3	27
13	Thermoelectricity Enhanced Electrocatalysis. Nano Letters, 2017, 17, 7908-7913.	9.1	17
14	Photocatalytic reduction of CO2 with H2O over modified TiO2 nanofibers: Understanding the reduction pathway. Nano Research, 2016, 9, 1956-1968.	10.4	62
15	Stabilizing Active Edge Sites in Semicrystalline Molybdenum Sulfide by Anchorage on Nitrogenâ€Doped Carbon Nanotubes for Hydrogen Evolution Reaction. Advanced Functional Materials, 2016, 26, 6766-6776.	14.9	110
16	Toward a Low ost Artificial Leaf: Driving Carbonâ€Based and Bifunctional Catalyst Electrodes with Solutionâ€Processed Perovskite Photovoltaics. Advanced Energy Materials, 2016, 6, 1600738.	19.5	28
17	Photovoltaics: Toward a Lowâ€Cost Artificial Leaf: Driving Carbonâ€Based and Bifunctional Catalyst Electrodes with Solutionâ€Processed Perovskite Photovoltaics (Adv. Energy Mater. 20/2016). Advanced Energy Materials, 2016, 6, .	19.5	0
18	Atomistic understanding of the origin of high oxygen reduction electrocatalytic activity of cuboctahedral Pt ₃ Co–Pt core–shell nanoparticles. Catalysis Science and Technology, 2016, 6, 1393-1401.	4.1	17

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#	Article	IF	CITATIONS
19	Comprehensive Study of an Earth-Abundant Bifunctional 3D Electrode for Efficient Water Electrolysis in Alkaline Medium. ACS Applied Materials & Interfaces, 2015, 7, 28148-28155.	8.0	36
20	Small palladium islands embedded in palladium–tungsten bimetallic nanoparticles form catalytic hotspots for oxygen reduction. Nature Communications, 2014, 5, 5253.	12.8	77
21	Formation of nitrogen-doped graphene nanoscrolls by adsorption of magnetic Î ³ -Fe2O3 nanoparticles. Nature Communications, 2013, 4, 2319.	12.8	135
22	Nitrogen Doping Mechanism in Small Diameter Single-Walled Carbon Nanotubes: Impact on Electronic Properties and Growth Selectivity. Journal of Physical Chemistry C, 2013, 117, 25805-25816.	3.1	44
23	Formation of Active Sites for Oxygen Reduction Reactions by Transformation of Nitrogen Functionalities in Nitrogen-Doped Carbon Nanotubes. ACS Nano, 2012, 6, 8904-8912.	14.6	544
24	Self-assembled palladium nanocrystals on helical carbon nanofibers as enhanced electrocatalysts for electro-oxidation of small molecules. Journal of Materials Chemistry, 2012, 22, 8541.	6.7	79