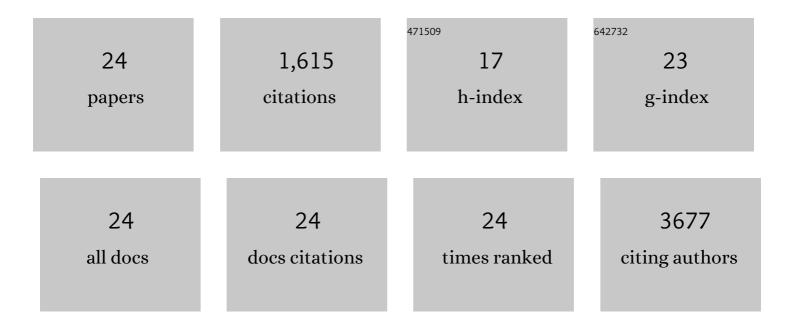
Tiva Sharifi

List of Publications by Year in descending order

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TIVA SHADIFI

#	Article	IF	CITATIONS
1	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
2	Emerging Carbonâ€Based Heterogeneous Catalysts for Electrochemical Reduction of Carbon Dioxide into Valueâ€Added Chemicals. Advanced Materials, 2019, 31, e1804257.	21.0	218
3	Formation of nitrogen-doped graphene nanoscrolls by adsorption of magnetic Î ³ -Fe2O3 nanoparticles. Nature Communications, 2013, 4, 2319.	12.8	135
4	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
5	Oxygen Reduction Reactions on Single―or Fewâ€Atom Discrete Active Sites for Heterogeneous Catalysis. Advanced Energy Materials, 2020, 10, 1902084.	19.5	82
6	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
7	Small palladium islands embedded in palladium–tungsten bimetallic nanoparticles form catalytic hotspots for oxygen reduction. Nature Communications, 2014, 5, 5253.	12.8	77
8	Photocatalytic reduction of CO2 with H2O over modified TiO2 nanofibers: Understanding the reduction pathway. Nano Research, 2016, 9, 1956-1968.	10.4	62
9	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
10	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
11	Atomic Layered Titanium Sulfide Quantum Dots as Electrocatalysts for Enhanced Hydrogen Evolution Reaction. Advanced Materials Interfaces, 2018, 5, 1700895.	3.7	30
12	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
13	Robust hierarchical 3D carbon foam electrode for efficient water electrolysis. Scientific Reports, 2017, 7, 6112.	3.3	27
14	Liquid Exfoliation of Icosahedral Quasicrystals. Advanced Functional Materials, 2018, 28, 1801181.	14.9	21
15	Tuning the Electrocatalytic Activity of Co ₃ O ₄ through Discrete Elemental Doping. ACS Applied Materials & Interfaces, 2019, 11, 39706-39714.	8.0	21
16	Extraction of Two-Dimensional Aluminum Alloys from Decagonal Quasicrystals. ACS Nano, 2020, 14, 7435-7443.	14.6	19
17	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
18	Thermoelectricity Enhanced Electrocatalysis. Nano Letters, 2017, 17, 7908-7913.	9.1	17

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#	Article	IF	CITATIONS
19	Graphene as an electrochemical transfer layer. Carbon, 2019, 141, 266-273.	10.3	17
20	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
21	Impurity-Controlled Crystal Growth in Low-Dimensional Bismuth Telluride. Chemistry of Materials, 2018, 30, 6108-6115.	6.7	10
22	Nanoscale Mapping and Defectâ€Assisted Manipulation of Surface Plasmon Resonances in 2D Bi ₂ Te ₃ /Sb ₂ Te ₃ Inâ€Plane Heterostructures. Advanced Optical Materials, 2022, 10, .	7.3	4
23	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
24	Photovoltaics: Toward a Low ost 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