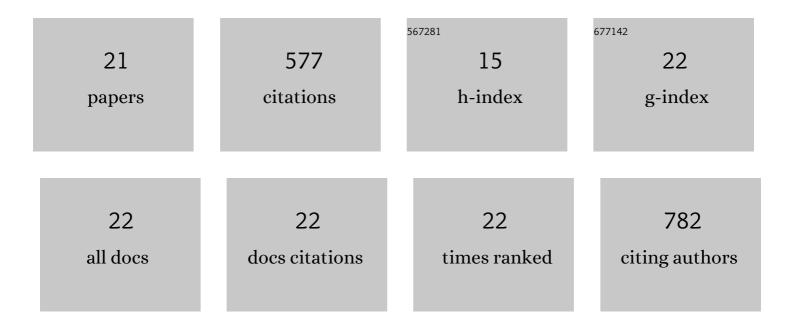
Maryam Kiani

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Twoâ€Dimensional Nanomaterials for the Development of Efficient Gas Sensors: Recent Advances, Challenges, and Future Perspectives. Advanced Materials Technologies, 2022, 7, 2101252.	5.8	20
2	Critical behavior and phase diagram of layered ferromagnetic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>FeTa</mml:mi>< mathvariant="normal">S<mml:mn>6</mml:mn></mml:msub></mml:mrow> single crystals. Physical Review B, 2022, 105, .</mml:math 	mml:۳۶3 <td>nml:mn></td>	nml:mn>
3	Electronic and Magnetic Diversity of Graphone/Graphene Superlattices. Chemistry of Materials, 2021, 33, 2090-2098.	6.7	5
4	A first principle study: Effect of tin substitution on magnetic properties of bismuth ferrite nanoparticles prepared by sol-gel synthesis method. Inorganic Chemistry Communication, 2021, 127, 108483.	3.9	16
5	Single atom based electrocatalysts for oxygen reduction reaction in polymer electrolyte membrane fuel cell: Recent advances, challenges and future perspectives. Journal of Physics and Chemistry of Solids, 2021, 153, 109989.	4.0	14
6	Non-precious metal electrocatalysts design for oxygen reduction reaction in polymer electrolyte membrane fuel cells: Recent advances, challenges and future perspectives. Coordination Chemistry Reviews, 2021, 441, 213954.	18.8	63
7	Hexagonal layered group IV–VI semiconductors and derivatives: fresh blood of the 2D family. Nanoscale, 2020, 12, 13450-13459.	5.6	20
8	Facile synthesis of magnesium ferrite nanoparticles supported on nitrogen and sulfur co-doped carbon black as an efficient electrocatalyst for oxygen reduction reaction. Journal of Nanoparticle Research, 2019, 21, 1.	1.9	15
9	Structural and Magnetoresistance Properties of Transfer-Free Amorphous Carbon Thin Films. Crystals, 2019, 9, 124.	2.2	10
10	Facile synthesis of Gd and Sn co-doped BiFeO3 supported on nitrogen doped graphene for enhanced photocatalytic activity. Journal of Physics and Chemistry of Solids, 2019, 130, 222-229.	4.0	22
11	Fe-doped mayenite electride composite with 2D reduced Graphene Oxide: As a non-platinum based, highly durable electrocatalyst for Oxygen Reduction Reaction. Scientific Reports, 2019, 9, 19809.	3.3	38
12	Facile synthesis and enhanced catalytic activity of electrochemically dealloyed platinum–nickel nanoparticles towards formic acid electro-oxidation. Journal of Energy Chemistry, 2019, 35, 9-16.	12.9	21
13	Recent developments in electrocatalysts and future prospects for oxygen reduction reaction in polymer electrolyte membrane fuel cells. Journal of Energy Chemistry, 2018, 27, 1124-1139.	12.9	89
14	Controllable synthesis of two-dimensional tungsten nitride nanosheets as electrocatalysts for oxygen reduction reaction. Science China Materials, 2018, 61, 1567-1574.	6.3	16
15	Optimization of process on electrodeposition of 4N tellurium from alkaline leaching solutions. Hydrometallurgy, 2018, 176, 17-25.	4.3	15
16	Facile synthesis of a BiFeO3/nitrogen-doped graphene nanocomposite system with enhanced photocatalytic activity. Journal of Physics and Chemistry of Solids, 2018, 121, 8-16.	4.0	27
17	Synthesis of MOF-Derived Nonprecious Catalyst with High Electrocatalytic Activity for Oxygen Reduction Reaction. Industrial & Engineering Chemistry Research, 2018, 57, 12087-12095.	3.7	45
18	Controlled decoration of Pd on Ni(OH) 2 nanoparticles by atomic layer deposition for high ethanol oxidation activity. Applied Surface Science, 2017, 420, 214-221.	6.1	19

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#	Article	IF	CITATIONS
19	Spinel nickel ferrite nanoparticles supported on nitrogen doped graphene as efficient electrocatalyst for oxygen reduction in fuel cells. Materials Express, 2017, 7, 261-272.	0.5	17
20	Fabrication of high-activity hybrid NiTiO3/g-C3N4 heterostructured photocatalysts for water splitting to enhanced hydrogen production. Ceramics International, 2016, 42, 12297-12305.	4.8	73
21	Facile synthesis of flower-like platinum nanostructures as an efficient electrocatalyst for methanol electro-oxidation. Journal of Colloid and Interface Science, 2016, 479, 64-70.	9.4	26