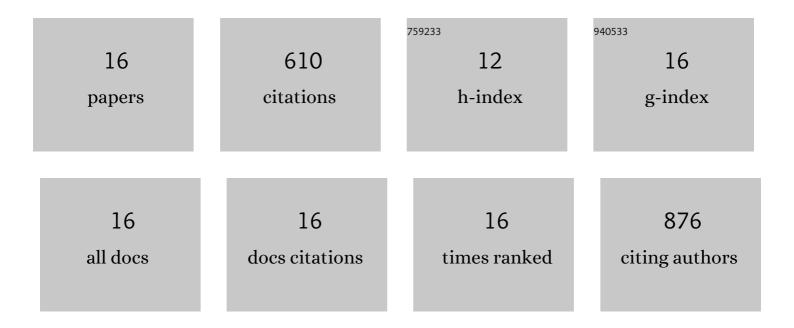
## Muhammad Waqas

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Fe <sub>2</sub> TiO <sub>5</sub> /Fe <sub>2</sub> O <sub>3</sub> (Shell/Shell) and (Shell/Core) Heterostructured for Efficient Oxygen Evolution. Inorganic Chemistry, 2021, 60, 13461-13470.	4.0	7
2	Enhanced photocatalytic hydrogen evolution under visible light irradiation by p-type MoS2/n-type Ni2P doped g-C3N4. Applied Surface Science, 2020, 504, 144448.	6.1	42
3	Convenient one-step fabrication and morphology evolution of thin-shelled honeycomb-like structured g-C3N4 to significantly enhance photocatalytic hydrogen evolution. Applied Surface Science, 2020, 506, 145004.	6.1	22
4	Design of a p–n heterojunction in 0D/3D MoS <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> composite for boosting the efficient separation of photogenerated carriers with enhanced visible-light-driven H <sub>2</sub> evolution. RSC Advances, 2020, 10, 19169-19177.	3.6	18
5	Tuning the N-bonded cerium( <scp>iii</scp> ) fraction/g-C <sub>3</sub> N <sub>4</sub> interface in hollow structures using an <i>in situ</i> reduction treatment for superior photochemical hydrogen evolution. Catalysis Science and Technology, 2019, 9, 5322-5332.	4.1	16
6	Cu-Promoted Cobalt Oxide Film Catalyst for Efficient Gas Emissions Abatement. Journal of Thermal Science, 2019, 28, 225-231.	1.9	11
7	Gaseous bubble-assisted in-situ construction of worm-like porous g-C3N4 with superior visible light photocatalytic performance. Applied Catalysis A: General, 2019, 573, 13-21.	4.3	24
8	Effective degradation of refractory nitrobenzene in water by the natural 4-hydroxycoumarin under solar illumination. Chemosphere, 2019, 215, 199-205.	8.2	10
9	Particle size-band gap energy-catalytic properties relationship of PSE-CVD-derived Fe3O4 thin films. Journal of the Taiwan Institute of Chemical Engineers, 2018, 93, 427-435.	5.3	42
10	Controllable synthesis of graphitic carbon nitride nanomaterials for solar energy conversion and environmental remediation: the road travelled and the way forward. Catalysis Science and Technology, 2018, 8, 4576-4599.	4.1	99
11	Green synthesis of ultrafine super-paramagnetic magnetite nano-fluid: a magnetic and dielectric study. Chemical Papers, 2017, 71, 1445-1451.	2.2	22
12	Electrochemical performance of 2D polyaniline anchored CuS/Graphene nano-active composite as anode material for lithium-ion battery. Journal of Colloid and Interface Science, 2017, 502, 16-23.	9.4	65
13	Eco-friendly synthesis of magnetite (Fe 3 O 4 ) nanoparticles with tunable size: Dielectric, magnetic, thermal and optical studies. Materials Chemistry and Physics, 2017, 198, 229-235.	4.0	78
14	Designing of a spatially separated hetero-junction pseudobrookite (Fe2TiO5-TiO2) yolk-shell hollow spheres as efficient photocatalyst for water oxidation reaction. Applied Catalysis B: Environmental, 2017, 219, 30-35.	20.2	48
15	Multi-shelled TiO2/Fe2TiO5 heterostructured hollow microspheres for enhanced solar water oxidation. Nano Research, 2017, 10, 3920-3928.	10.4	94
16	Influence of Fe2+ and Ni2+ contents on the optical and electrical properties of ZnS quantum dots. Journal of Materials Science: Materials in Electronics, 2017, 28, 4449-4457.	2.2	12