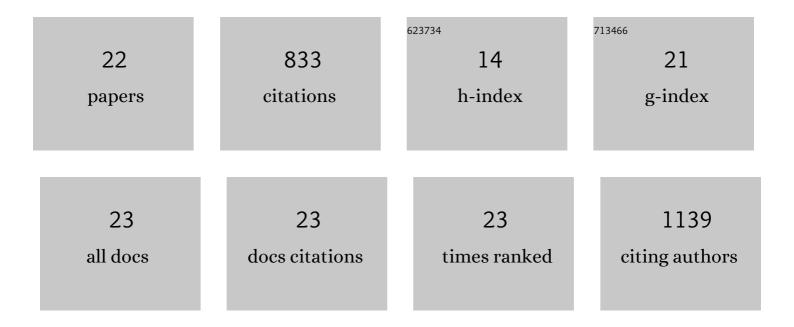
## Iftikhar Ahmed

List of Publications by Year in descending order

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#	Article	lF	CITATIONS
1	A short review on reverse osmosis pretreatment technologies. Desalination, 2014, 354, 30-38.	8.2	264
2	Experimental investigation and artificial neural networks ANNs modeling of electrically-enhanced membrane bioreactor for wastewater treatment. Journal of Water Process Engineering, 2016, 11, 88-97.	5.6	95
3	Impact of continuous and intermittent supply of electric field on the function and microbial community of wastewater treatment electro-bioreactors. Electrochimica Acta, 2015, 181, 271-279.	5.2	73
4	A molecular photovoltaic system based on Dawson type polyoxometalate and porphyrin formed by layer-by-layer self assembly. Chemical Communications, 2013, 49, 496-498.	4.1	61
5	Enhanced sludge properties and distribution study of sludge components in electrically-enhanced membrane bioreactor. Journal of Environmental Management, 2015, 159, 78-85.	7.8	53
6	Synthesis and characterization of conjugated Dawson-type polyoxometalate–porphyrin copolymers. Dalton Transactions, 2013, 42, 12688.	3.3	46
7	Easy methods for the electropolymerization of porphyrins based on the oxidation of the macrocycles. Electrochimica Acta, 2011, 56, 10454-10463.	5.2	40
8	Porphyrin–polyoxometalate hybrids connected via a Tris-alkoxo linker for the generation of photocurrent. Electrochimica Acta, 2013, 110, 726-734.	5.2	36
9	Photocatalytic synthesis of silver dendrites using electrostatic hybrid films of porphyrin–polyoxometalate. Applied Catalysis A: General, 2012, 447-448, 89-99.	4.3	24
10	Green thin film for stable electrical switching in a low-cost washable memory device: proof of concept. RSC Advances, 2021, 11, 4327-4338.	3.6	20
11	Biomaterial-Induced Stable Resistive Switching Mechanism in TiO <sub>2</sub> Thin Films: The Role of Active Interstitial Sites/Ions in Minimum Current Leakage and Superior Bioactivity. ACS Omega, 2020, 5, 19050-19060.	3.5	19
12	Electrosynthesis and electrochemical properties of porphyrin dimers with pyridinium as bridging spacer. New Journal of Chemistry, 2011, 35, 2534.	2.8	18
13	Super Hydrophilic Activated Carbon Decorated Nanopolymer Foam for Scalable, Energy Efficient Photothermal Steam Generation, as an Effective Desalination System. Nanomaterials, 2020, 10, 2510.	4.1	18
14	Spectroscopic and Electrochemical Study of the Interconversion and Decomplexation of Cobalt(II) Sandwich Polyoxometalates Based on a Dawson-Type Anion. Inorganic Chemistry, 2012, 51, 8202-8211.	4.0	16
15	Electrokinetic pretreatment of seawater to decrease the Ca2+, Mg2+, SO42â^' and bacteria contents in membrane desalination applications. Desalination, 2017, 403, 107-116.	8.2	13
16	Antioxidant, and enhanced flexible nano porous scaffolds for bone tissue engineering applications. Nano Select, 2021, 2, 1356-1367.	3.7	8
17	Membrane Technology for Microalgae Harvesting. , 2020, , 97-110.		7
18	Low-cost green recyclable biomaterial for energy-dependent electrical switching and intact biofilm with antibacterial properties. Scientific Reports, 2020, 10, 14600.	3.3	7

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#	Article	IF	CITATIONS
19	Fe2O3 Nanoparticles Deposited over Self-Floating Facial Sponge for Facile Interfacial Seawater Solar Desalination. Crystals, 2021, 11, 1509.	2.2	6
20	A Scalable Prototype by In Situ Polymerization of Biodegradables, Cross-Linked Molecular Mode of Vapor Transport, and Metal Ion Rejection for Solar-Driven Seawater Desalination. Crystals, 2021, 11, 1489.	2.2	5
21	Study of bleaching of old newsprint recycled paper: reproduction of newspaper material. Materials Research Express, 2021, 8, 085305.	1.6	2
22	Modified fiber optic sensor for highly precise identification of mercuric ion (Hg2+) concentrations in aqueous solution. Engineering Research Express, 2021, 3, 025001.	1.6	0