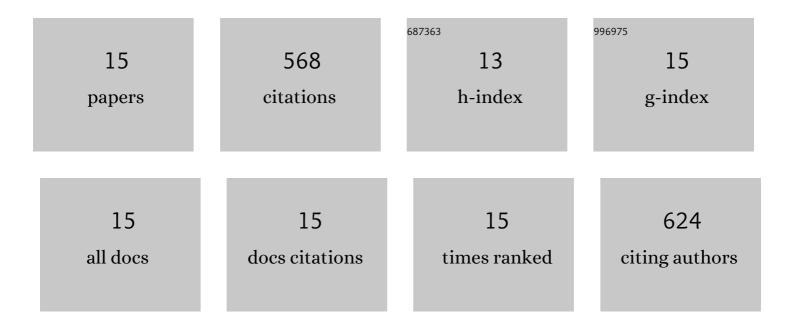
Rabia Riaz

List of Publications by Year in descending order

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RARIA RIA

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Optimizing the Auxetic Geometry Parameters in Few Yarns Based Auxetic Woven Fabrics for Enhanced Mechanical Properties Using Grey Relational Analysis. Journal of Natural Fibers, 2022, 19, 4594-4605. | 3.1 | 6 |
| 2 | Microwave-assisted ultrafast in-situ growth of N-doped carbon quantum dots on multiwalled carbon nanotubes as an efficient electrocatalyst for photovoltaics. Journal of Colloid and Interface Science, 2021, 586, 349-361. | 9.4 | 32 |
| 3 | Unraveling the surface states related Stokes shift dependent electrocatalytic activity of N-doped carbon quantum dots for photovoltaic applications. Carbon, 2021, 181, 155-168. | 10.3 | 23 |
| 4 | Graphene quantum dots induced porous orientation of holey graphene nanosheets for improved electrocatalytic activity. Carbon, 2021, 171, 493-506. | 10.3 | 28 |
| 5 | Activated charcoal and reduced graphene sheets composite structure for highly electro-catalytically active counter electrode material and water treatment. International Journal of Hydrogen Energy, 2020, 45, 7751-7763. | 7.1 | 33 |
| 6 | Self-assembled nanomanipulation of silica nanoparticles enable mechanochemically robust super hydrophobic and oleophilic textile. Journal of Colloid and Interface Science, 2020, 563, 62-73. | 9.4 | 35 |
| 7 | Fabrication of coral-reef structured nano silica for self-cleaning and super-hydrophobic textile applications. Chemical Engineering Journal, 2020, 401, 125859. | 12.7 | 84 |
| 8 | Layer-by-Layer Self-Assembly of Hollow Nitrogen-Doped Carbon Quantum Dots on Cationized Textured Crystalline Silicon Solar Cells for an Efficient Energy Down-Shift. ACS Applied Materials & Interfaces, 2020, 12, 10369-10381. | 8.0 | 21 |
| 9 | Highly porous self-assembly of nitrogen-doped graphene quantum dots over reduced graphene sheets for photo-electrocatalytic electrode. Journal of Colloid and Interface Science, 2019, 557, 174-184. | 9.4 | 29 |
| 10 | Dye-sensitized solar cell (DSSC) coated with energy down shift layer of nitrogen-doped carbon quantum dots (N-CQDs) for enhanced current density and stability. Applied Surface Science, 2019, 483, 425-431. | 6.1 | 79 |
| 11 | Self-assembled nitrogen-doped graphene quantum dots (N-GQDs) over graphene sheets for superb electro-photocatalytic activity. Applied Surface Science, 2019, 480, 1035-1046. | 6.1 | 52 |
| 12 | Silverâ€Adapted Diffusive Memristor Based on Organic Nitrogenâ€Doped Graphene Oxide Quantum Dots (Nâ€GOQDs) for Artificial Biosynapse Applications. Advanced Functional Materials, 2019, 29, 1807504. | 14.9 | 84 |
| 13 | Novel derivatives of 3D woven T-shaped composites with improved performance. Journal of the Textile Institute, 2019, 110, 267-273. | 1.9 | 10 |
| 14 | Development and Comfort Characterization of 2D-Woven Auxetic Fabric for Wearable and Medical Textile Applications. Clothing and Textiles Research Journal, 2018, 36, 199-214. | 3.4 | 26 |
| 15 | Development and Mechanical Characterization of Weave Design Based 2D Woven Auxetic Fabrics for Protective Textiles. Fibers and Polymers, 2018, 19, 2431-2438. | 2.1 | 26 |