

# Sadia Sagar Iqbal

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

365  
citations

1040056

9  
h-index

794594

19  
g-index

24  
all docs

24  
docs citations

24  
times ranked

352  
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser irradiation effects on structural, morphological and mechanical characteristics of iron. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2022, 77, 87-92.	1.5	1
2	Novel antibacterial polyurethane and cellulose acetate mixed matrix membrane modified with functionalized TiO <sub>2</sub> nanoparticles for water treatment applications. <i>Chemosphere</i> , 2022, 301, 134711.	8.2	18
3	Idiosyncratic cellulose acetate nanocomposite membranes: synthesis and performance control study for desalination. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 1336-1352.	2.2	8
4	Synergistic effect of silane cross-linker (APTEOS) on PVA/gelatin blend films for packaging applications. <i>High Performance Polymers</i> , 2021, 33, 815-824.	1.8	14
5	Development and characterization of chitosan and acrylic acid-based novel biodegradable polymeric films for soil conditioning. <i>International Journal of Biological Macromolecules</i> , 2021, 182, 950-958.	7.5	7
6	Synergetic influence of F-MWCNTS on polyvinylpyrrolidone sodium alginate composite membrane for reverse osmosis. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106085.	6.7	9
7	Fabrication & characterization of novel conductive nanomaterial, $C_xCr_{0.5}Mg_{0.5}Fe_2O_4$ . <i>Korean Journal of Chemical Engineering</i> , 2021, 38, 2536-2540.	2.7	2
8	Synthesis and characterization of chitosan and guar gum based ternary blends with polyvinyl alcohol. <i>International Journal of Biological Macromolecules</i> , 2020, 143, 546-554.	7.5	85
9	Carbon Nanotube Reinforced High Density Polyethylene Materials for Offshore Sheathing Applications. <i>Molecules</i> , 2020, 25, 2960.	3.8	12
10	Impact of Soft Segment Size on Structural and Permeation Properties of Polyurethane Membranes. <i>Journal of Polymers and the Environment</i> , 2020, 28, 1944-1953.	5.0	7
11	Customizable Ceramic Nanocomposites Using Carbon Nanotubes. <i>Molecules</i> , 2019, 24, 3176.	3.8	5
12	Controlled release of cephadrine by biopolymers based target specific crosslinked hydrogels. <i>International Journal of Biological Macromolecules</i> , 2019, 121, 104-112.	7.5	39
13	Ablation, thermal stability/transport/phase transition study of carbon nanofiber-reinforced elastomeric nanocomposites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 2637-2646.	3.6	5
14	Co-concentration effect of silane with natural extract on biodegradable polymeric films for food packaging. <i>International Journal of Biological Macromolecules</i> , 2018, 106, 351-359.	7.5	49
15	Effect of Graphene for Ablation Study of Advanced Composite Materials for Aerospace Applications. <i>Key Engineering Materials</i> , 2018, 778, 118-125.	0.4	2
16	Tuning the interlaminar shear strength and thermo-mechanical properties of glass fiber composites by incorporation of (3-mercaptopropyl) trimethoxysilane-functionalized carbon black. <i>Iranian Polymer Journal (English Edition)</i> , 2017, 26, 913-927.	2.4	6
17	Novel Polyurethane/Polyvinyl chloride-co-vinyl acetate crosslinked membrane for reverse osmosis (RO). <i>Desalination</i> , 2017, 420, 136-144.	8.2	26
18	Synergistic Effect of Functionalized Nanokaolin Decorated MWCNTs on the Performance of Cellulose Acetate (CA) Membranes Spectacular. <i>Nanomaterials</i> , 2016, 6, 79.	4.1	12

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19	Tailoring in thermomechanical properties of ethylene propylene diene monomer elastomer with silane functionalized multiwalled carbon nanotubes. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	9
20	Thermogravimetric, differential scanning calorimetric, and experimental thermal transport study of functionalized nanokaolinite-doped elastomeric nanocomposites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 125, 871-880.	3.6	6
21	Ablation and thermo-mechanical tailoring of EPDM rubber using carbon fibers. <i>Journal of Polymer Engineering</i> , 2016, 36, 713-722.	1.4	8
22	Ablation and thermo-mechanical investigation of short carbon fiber impregnated elastomeric ablatives for ultrahigh temperature applications. <i>Polymer Degradation and Stability</i> , 2014, 110, 195-202.	5.8	32
23	Tuning of Thermo-Mechanical Performance: Modified Multiwalled Carbon Nanotubes Reinforced SBR/NBR/SR Nanocomposites. <i>Key Engineering Materials</i> , 0, 778, 71-78.	0.4	2
24	Impact of Mg Ion Doping on the Structural, Morphological, Thermal, Electrical and Dielectric Properties of Bismuth Cobalt Nanoferrites. <i>Arabian Journal for Science and Engineering</i> , 0, , 1.	3.0	1