

# Khalid Askar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8224169/publications.pdf>

Version: 2024-02-01

13  
papers

329  
citations

932766

10  
h-index

1199166

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

559  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Self-assembled self-cleaning broadband anti-reflection coatings. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 439, 84-100.                              | 2.3 | 92        |
| 2  | Scalable bottom-up fabrication of colloidal photonic crystals and periodic plasmonic nanostructures. Journal of Materials Chemistry C, 2013, 1, 6031.                              | 2.7 | 50        |
| 3  | Enhanced Wear Resistance of Transparent Epoxy Composite Coatings with Vertically Aligned Halloysite Nanotubes. ACS Applied Materials & Interfaces, 2016, 8, 35552-35564.           | 4.0 | 38        |
| 4  | Spray-Coated Halloysite/Epoxy Composites: A Means To Create Mechanically Robust, Vertically Aligned Nanotube Composites. ACS Applied Materials & Interfaces, 2016, 8, 20396-20406. | 4.0 | 30        |
| 5  | Piezoresistive and Mechanical Characteristics of Graphene Foam Nanocomposites. ACS Applied Nano Materials, 2019, 2, 1402-1411.   | 2.4 | 30        |
| 6  | Self-assembled nanoparticle antiglare coatings. Optics Letters, 2012, 37, 4380.  | 1.7 | 20        |
| 7  | Rapid electrostatics-assisted layer-by-layer assembly of near-infrared-active colloidal photonic crystals. Journal of Colloid and Interface Science, 2016, 482, 89-94.             | 5.0 | 18        |
| 8  | Self-assembled nanoparticle antireflection coatings on geometrically complex optical surfaces. Optics Letters, 2018, 43, 5238.   | 1.7 | 17        |
| 9  | Freezing desalination: Heat and mass validated modeling and experimental parametric analyses. Case Studies in Thermal Engineering, 2021, 26, 101189.                               | 2.8 | 14        |
| 10 | Scalable parallel self-assembly of nanoparticle anti-reflection coatings. Thin Solid Films, 2017, 621, 156-164.  | 0.8 | 10        |
| 11 | Reversible Self-Healing for Preserving Optical Transparency and Repairing Mechanical Damage in Composites. ACS Applied Materials & Interfaces, 2019, 11, 12797-12807.              | 4.0 | 6         |
| 12 | Polymer/Halloysite Nanotubes Composites: Mechanical Robustness and Optical Transmittance. MRS Advances, 2017, 2, 27-32.  | 0.5 | 4         |
| 13 | BIOINSPIRED SELF-CLEANING ANTIREFLECTION COATINGS. World Scientific Series in Nanoscience and Nanotechnology, 2014, , 65-95.   | 0.1 | 0         |