

# Waqqar Ahmed

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8065064/publications.pdf>

Version: 2024-02-01

17  
papers

358  
citations

840776

11  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

584  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Quantitative Analysis of Gold Nanorod Alignment after Electric Field-Assisted Deposition. Nano Letters, 2009, 9, 3786-3794.   | 9.1 | 82        |
| 2  | Controlling the morphology of multi-branched gold nanoparticles. Nanotechnology, 2010, 21, 125605.  | 2.6 | 68        |
| 3  | Facile room temperature synthesis of multifunctional CTAB coated gold nanoparticles. Chemical Physics, 2018, 510, 30-36.  | 1.9 | 31        |
| 4  | Dipole directed ring assembly of Ni-coated Au-nanorods. Chemical Communications, 2010, 46, 6711.  | 4.1 | 23        |
| 5  | Tuning the oriented deposition of gold nanorods on patterned substrates. Nanotechnology, 2014, 25, 035301.  | 2.6 | 20        |
| 6  | Monolayer Assembly of MultiSpiked Gold Nanoparticles for Surface-Enhanced Raman Spectroscopy-Based Trace Detection of Dyes and Explosives. ACS Applied Nano Materials, 2020, 3, 6766-6773.  | 5.0 | 20        |
| 7  | Efficient seed-mediated method for the large-scale synthesis of Au nanorods. Journal of Nanoparticle Research, 2017, 19, 115.   | 1.9 | 19        |
| 8  | Facile synthesis of gold nanoworms with a tunable length and aspect ratio through oriented attachment of nanoparticles. Nanoscale, 2014, 6, 13222-13227.  | 5.6 | 17        |
| 9  | Gold nanoworms: Optical properties and simultaneous SERS and fluorescence enhancement. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 220, 117111.  | 3.9 | 17        |
| 10 | Fabrication of flexible, cost-effective, and scalable silver substrates for efficient surface enhanced Raman spectroscopy based trace detection. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 619, 126542.                     | 4.7 | 17        |
| 11 | Tuning the dipole-directed assembly of core-shell nickel-coated gold nanorods. Journal of Nanoparticle Research, 2012, 14, 1.   | 1.9 | 13        |
| 12 | Facile fabrication of Au-Ag alloy nanoparticles on filter paper: Application in SERS based swab detection and multiplexing. Vibrational Spectroscopy, 2022, 120, 103359.  | 2.2 | 13        |
| 13 | Facile synthesis of gold nanostars over a wide size range and their excellent surface enhanced Raman scattering and fluorescence quenching properties. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2018, 36, 03E101. | 1.2 | 8         |
| 14 | Fabrication of Highly Catalytically Active Gold Nanostructures on Filter Paper and Their Applications towards Degradation of Environmental Pollutants. ChemistrySelect, 2021, 6, 10655-10660.   | 1.5 | 7         |
| 15 | Seedless, size and shape controlled synthesis of gold mesoscopic particles and their excellent SERS applications. Materials Chemistry and Physics, 2022, 278, 125589.   | 4.0 | 3         |
| 16 | Controlling the concentration of gold nanorods during their dielectrophoresis-assisted deposition. Materials Research Express, 2020, 7, 015050.   | 1.6 | 0         |
| 17 | SERS-based trace detection by size and shape controlled noble metal particles with high benefit-cost ratio. , 2021, , .   |     | 0         |