

# Tarushee Ahuja

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10895488/publications.pdf>

Version: 2024-02-01

12  
papers

1,332  
citations

933447

10  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

2103  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Recent progress in the development of nano-structured conducting polymers/nanocomposites for sensor applications. <i>Sensors and Actuators B: Chemical</i> , 2009, 136, 275-286.                          | 7.8  | 494       |
| 2  | Biomolecular immobilization on conducting polymers for biosensing applications. <i>Biomaterials</i> , 2007, 28, 791-805.  | 11.4 | 458       |
| 3  | Potentiometric urea biosensor based on BSA embedded surface modified polypyrrole film. <i>Sensors and Actuators B: Chemical</i> , 2008, 134, 140-145.   | 7.8  | 68        |
| 4  | Structure of the Thiolated Au <sub>130</sub> Cluster. <i>Journal of Physical Chemistry A</i> , 2013, 117, 10470-10476.  | 2.5  | 64        |
| 5  | Oxidation at the Core-Ligand Interface of Au Lipoic Acid Nanoclusters That Enhances the Near-IR Luminescence. <i>Journal of Physical Chemistry C</i> , 2014, 118, 20680-20687.                            | 3.1  | 53        |
| 6  | Potentiometric urea biosensor based on multi-walled carbon nanotubes (MWCNTs)/silica composite material. <i>Materials Science and Engineering C</i> , 2011, 31, 90-94.                                    | 7.3  | 45        |
| 7  | Near infrared luminescence of gold nanoclusters affected by the bonding of 1,4-dithiolate durenene and monothiolate phenylethanethiolate. <i>Nanoscale</i> , 2012, 4, 4119.                               | 5.6  | 41        |
| 8  | A process for the selective removal of arsenic from contaminated water using acetate functionalized zinc oxide nanomaterials. <i>Environmental Progress and Sustainable Energy</i> , 2013, 32, 1023-1029. | 2.3  | 36        |
| 9  | Enhancing near IR luminescence of thiolate Au nanoclusters by thermo treatments and heterogeneous subcellular distributions. <i>Nanoscale</i> , 2014, 6, 7416.  | 5.6  | 31        |
| 10 | Transitions in Discrete Absorption Bands of Au <sub>130</sub> Clusters upon Stepwise Charging by Spectroelectrochemistry. <i>ACS Nano</i> , 2015, 9, 8344-8351.   | 14.6 | 24        |
| 11 | Carrier injection from polypyrrole coated gold electrode in pentacene field effect transistors. <i>Synthetic Metals</i> , 2010, 160, 2116-2120.   | 3.9  | 9         |
| 12 | Electronic coupling between ligand and core energy states in dithiolate-monothiolate stabilized Au clusters. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 19342-19349.                          | 2.8  | 9         |