

# Pranab Kishore Mohapatra

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2348360/publications.pdf>

Version: 2024-02-01

15  
papers

253  
citations

1163117

8  
h-index

1125743

13  
g-index

15  
all docs

15  
docs citations

15  
times ranked

549  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Bright excitonic multiplexing mediated by dark exciton transition in two-dimensional TMDCs at room temperature. <i>Materials Horizons</i> , 2022, 9, 1089-1098.   | 12.2 | 8         |
| 2  | Selective Area Growth and Transfer of High Optical Quality MoS <sub>2</sub> Layers. <i>Advanced Materials Interfaces</i> , 2020, 7, 2001549.  | 3.7  | 19        |
| 3  | Large-Scale characterization of Two-Dimensional Monolayer MoS <sub>2</sub> Island Domains Using Spectroscopic Ellipsometry and Reflectometry. <i>Applied Surface Science</i> , 2020, 524, 146418.             | 6.1  | 18        |
| 4  | Spectroscopic monitoring of the evolution of size and structural defects in kinetic growth of CdSe quantum dots. <i>Materials Today: Proceedings</i> , 2019, 9, 237-246.                                      | 1.8  | 2         |
| 5  | MoS <sub>2</sub> cleaning by acetone and UV-ozone: Geological and synthetic material. <i>Applied Surface Science</i> , 2019, 478, 183-188.  | 6.1  | 8         |
| 6  | Self-functionalized ultrastable water suspension of luminescent carbon quantum dots. <i>Materials Chemistry and Physics</i> , 2019, 225, 23-27.   | 4.0  | 41        |
| 7  | Reduced carrier trapping in CdSe/ZnS/CdSe heterostructure quantum dots inferred from temperature dependent spectral studies. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2018, 102, 58-65. | 2.7  | 4         |
| 8  | Tailoring of defect luminescence in CVD grown monolayer MoS <sub>2</sub> . <i>Applied Surface Science</i> , 2018, 445, 542-547.   | 6.1  | 18        |
| 9  | Exciton Emission Intensity Modulation of Monolayer MoS <sub>2</sub> via Au Plasmon Coupling. <i>Scientific Reports</i> , 2017, 7, 41175.  | 3.3  | 50        |
| 10 | Improved photocatalytic degradation of organic dye using Ag <sub>3</sub> PO <sub>4</sub> /MoS <sub>2</sub> nanocomposite. <i>Frontiers of Materials Science</i> , 2017, 11, 366-374.                          | 2.2  | 20        |
| 11 | Photoluminescence characteristics of CdSe quantum dots: role of exciton-phonon coupling and defect/trap states. <i>Materials Research Express</i> , 2017, 4, 075007.  | 1.6  | 11        |
| 12 | Strictly monolayer large continuous MoS <sub>2</sub> films on diverse substrates and their luminescence properties. <i>Applied Physics Letters</i> , 2016, 108, .   | 3.3  | 52        |
| 13 | Exciton-Phonon Interaction and Role of defect/trap states in CdSe Quantum Dots. <i>Materials Today: Proceedings</i> , 2016, 3, 3992-3996.   | 1.8  | 2         |
| 14 | Spectroscopy and dynamics of charge transfer excitons in type-II band aligned quantum confined heterostructures. <i>AIP Conference Proceedings</i> , 2015, , .  | 0.4  | 0         |
| 15 | Interaction of graphene quantum dots with bulk semiconductor surfaces. <i>AIP Conference Proceedings</i> , 2015, , .  | 0.4  | 0         |