

# Ravi K Misra

## List of Publications by Year in descending order

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12  
papers

746  
citations

1163117

8  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

2038  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Temperature- and Component-Dependent Degradation of Perovskite Photovoltaic Materials under Concentrated Sunlight. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 326-330.                             | 4.6  | 472       |
| 2  | Low-Dimensional Organic-Inorganic Halide Perovskite: Structure, Properties, and Applications. <i>ChemSusChem</i> , 2017, 10, 3712-3721.   | 6.8  | 100       |
| 3  | Effect of Halide Composition on the Photochemical Stability of Perovskite Photovoltaic Materials. <i>ChemSusChem</i> , 2016, 9, 2572-2577.  | 6.8  | 62        |
| 4  | Aqueous heavy metals removal by adsorption on $\beta$ -diketone-functionalized styrene-divinylbenzene copolymeric resin. <i>International Journal of Environmental Science and Technology</i> , 2012, 9, 79-84. | 3.5  | 24        |
| 5  | Worldwide outdoor round robin study of organic photovoltaic devices and modules. <i>Solar Energy Materials and Solar Cells</i> , 2014, 130, 281-290.  | 6.2  | 23        |
| 6  | Poly(vinyl alcohol)-based MWCNT hydrogel for lead ion removal from contaminated water. <i>Journal of Applied Polymer Science</i> , 2012, 125, E670.   | 2.6  | 20        |
| 7  | Charge transportation and photo generation process in polythiophene functionalized with tin (II) phthalocyanine (SnPc-PT) thin film. <i>Solar Energy Materials and Solar Cells</i> , 2008, 92, 1516-1525.       | 6.2  | 18        |
| 8  | A mesoporous-planar hybrid architecture of methylammonium lead iodide perovskite based solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 14423-14429.   | 10.3 | 17        |
| 9  | AMIDE FUNCTIONALIZATION OF MULTIWALLED CARBON NANOTUBES AND THEIR EVALUATION FOR Hg(II) REMOVAL FROM WATER. <i>International Journal of Nanoscience</i> , 2011, 10, 205-208.                                    | 0.7  | 5         |
| 10 | Structural and behavioral characteristics of radiolytically synthesized polyacrylic acid-polyacrylonitrile copolymeric hydrogels. <i>Radiation Physics and Chemistry</i> , 2013, 91, 180-185.                   | 2.8  | 4         |
| 11 | A Solution-Processed Tetra-Alkoxyated Zinc Phthalocyanine as Hole Transporting Material for Emerging Photovoltaic Technologies. <i>International Journal of Photoenergy</i> , 2018, 2018, 1-9.                  | 2.5  | 1         |
| 12 | Stability of organic-inorganic perovskite photovoltaic materials and devices under natural- and concentrated- sunlight. , 0, , .  |      | 0         |