

# Dipti Jasrasaria

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1260442/publications.pdf>

Version: 2024-02-01

8  
papers

107  
citations

1306789

7  
h-index

1588620

8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

120  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Role of Atomic Structure on Exciton Dynamics and Photoluminescence in NIR Emissive InAs/InP/ZnSe Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2022, 126, 7576-7587. | 1.5 | 7         |
| 2 | Simulations of nonradiative processes in semiconductor nanocrystals. <i>Journal of Chemical Physics</i> , 2022, 157, .  | 1.2 | 12        |
| 3 | Uncovering the Role of Hole Traps in Promoting Hole Transfer from Multiexcitonic Quantum Dots to Molecular Acceptors. <i>ACS Nano</i> , 2021, 15, 2281-2291.                  | 7.3 | 21        |
| 4 | Dynamic lattice distortions driven by surface trapping in semiconductor nanocrystals. <i>Nature Communications</i> , 2021, 12, 1860.  | 5.8 | 19        |
| 5 | Crystal Structure Prediction for Benzene Using Basin-Hopping Global Optimization. <i>Journal of Physical Chemistry A</i> , 2021, 125, 3776-3784.                              | 1.1 | 11        |
| 6 | Interplay of Surface and Interior Modes in Exciton-Phonon Coupling at the Nanoscale. <i>Nano Letters</i> , 2021, 21, 8741-8748.   | 4.5 | 13        |
| 7 | Sub-Bandgap Photoinduced Transient Absorption Features in CdSe Nanostructures: The Role of Trapped Holes. <i>Journal of Physical Chemistry C</i> , 2020, 124, 17372-17378.    | 1.5 | 18        |
| 8 | Dynamic Control of Explore/Exploit Trade-Off in Bayesian Optimization. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 1-15.                                   | 0.5 | 6         |