

# Aaryan Oberoi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7660487/publications.pdf>

Version: 2024-02-01

6  
papers

480  
citations

1478505

6  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

385  
citing authors

| # | ARTICLE   | IF   | CITATIONS |
|---|---|------|-----------|
| 1 | A biomimetic neural encoder for spiking neural network. Nature Communications, 2021, 12, 2143.  | 12.8 | 71        |
| 2 | Secure Electronics Enabled by Atomically Thin and Photosensitive Two-Dimensional Memtransistors. ACS Nano, 2021, 15, 19815-19827.         | 14.6 | 44        |
| 3 | Low-Power and Ultra-Thin MoS <sub>2</sub> Photodetectors on Glass. ACS Nano, 2020, 14, 15440-15449.                                       | 14.6 | 53        |
| 4 | Graphene memristive synapses for high precision neuromorphic computing. Nature Communications, 2020, 11, 5474.                            | 12.8 | 97        |
| 5 | Stochastic resonance in MoS <sub>2</sub> photodetector. Nature Communications, 2020, 11, 4406.  | 12.8 | 75        |
| 6 | A low-power biomimetic collision detector based on an in-memory molybdenum disulfide photodetector. Nature Electronics, 2020, 3, 646-655. | 26.0 | 140       |