

# Yuxuan Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4904565/publications.pdf>

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4  
papers

192  
citations

1937685

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2272923

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all docs

4  
docs citations

4  
times ranked

213  
citing authors

| # | ARTICLE  | IF  | CITATIONS |
|---|--|-----|-----------|
| 1 | Computational study of surface orientation effect of rutile TiO <sub>2</sub> on H <sub>2</sub> S and CO sensing mechanism. Applied Surface Science, 2019, 495, 143619.                                 | 6.1 | 22        |
| 2 | NO <sub>2</sub> and H <sub>2</sub> sensing properties for urchin-like hexagonal WO <sub>3</sub> based on experimental and first-principle investigations. Ceramics International, 2019, 45, 6043-6050. | 4.8 | 67        |
| 3 | Enhanced carbon monoxide sensing properties of TiO <sub>2</sub> with exposed (0 0 1) facet: A combined first-principle and experimental study. Applied Surface Science, 2018, 442, 507-516.            | 6.1 | 85        |
| 4 | Theoretical and experimental investigations on H <sub>2</sub> sensing properties of flower-like titanium dioxide. Materials Research Bulletin, 2018, 107, 139-146.                                     | 5.2 | 18        |