

# Marisol Bermudez-Montaña

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2902490/publications.pdf>

Version: 2024-02-01

6  
papers

55  
citations

1684188

5  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

22  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | Fidelity, entropy, and Poincaré sections as tools to study the polyad breaking phenomenon. <i>Europhysics Letters</i> , 2016, 116, 13001.   | 2.0 | 16        |
| 2 | Polyad breaking phenomenon associated with a local-to-normal mode transition and suitability to estimate force constants. <i>Molecular Physics</i> , 2017, 115, 3076-3103.                | 1.7 | 13        |
| 3 | A study of vibrational excitations of ozone in the framework of a polyad preserving model of interacting Morse oscillators. <i>Journal of Molecular Spectroscopy</i> , 2017, 331, 89-105. | 1.2 | 9         |
| 4 | Algebraic DVR Approaches Applied to Describe the Stark Effect. <i>Symmetry</i> , 2020, 12, 1719.  | 2.2 | 7         |
| 5 | Comprehensive vibrational analysis of CO <sub>2</sub> based on a polyad-preserving model. <i>European Physical Journal D</i> , 2017, 71, 1.   | 1.3 | 6         |
| 6 | Time-dependent local-to-normal mode transition in triatomic molecules. <i>Molecular Physics</i> , 2018, 116, 77-92.   | 1.7 | 4         |