

# Manuel Alejandro Treto Suarez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4762667/publications.pdf>

Version: 2024-02-01

9  
papers

181  
citations

1163117

8  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

156  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel fluorescent Schiff bases as Al <sup>3+</sup> sensors with high selectivity and sensitivity, and their bioimaging applications. <i>Materials Chemistry and Physics</i> , 2019, 233, 89-101.	4.0	37
2	Understanding the Selective-Sensing Mechanism of Al <sup>3+</sup> Cation by a Chemical Sensor Based on Schiff Base: A Theoretical Approach. <i>Journal of Physical Chemistry A</i> , 2019, 123, 6970-6977.	2.5	31
3	Quantum chemical elucidation of the turn-on luminescence mechanism in two new Schiff bases as selective chemosensors of Zn <sup>2+</sup> : synthesis, theory and bioimaging applications. <i>RSC Advances</i> , 2019, 9, 30778-30789.	3.6	28
4	Sensing mechanism elucidation of a europium(III) metal-organic framework selective to aniline: A theoretical insight by means of multiconfigurational calculations. <i>Journal of Computational Chemistry</i> , 2020, 41, 1956-1964.	3.3	24
5	Kinetic study of removal heavy metal from aqueous solution using the synthetic aluminum silicate. <i>Scientific Reports</i> , 2020, 10, 10836.	3.3	19
6	Radiative decay channel assessment to understand the sensing mechanism of a fluorescent turn-on Al <sup>3+</sup> chemosensor. <i>International Journal of Quantum Chemistry</i> , 2020, 120, e26083.	2.0	16
7	Fluorescence turn-on and turn-off mechanisms of a dual-selective chemosensor of Bi <sup>3+</sup> and pH changes: Insights from a theoretical perspective. <i>Dyes and Pigments</i> , 2021, 185, 108934.	3.7	11
8	New Sensitive and Selective Chemical Sensors for Ni <sup>2+</sup> and Cu <sup>2+</sup> Ions: Insights into the Sensing Mechanism through DFT Methods. <i>Journal of Physical Chemistry A</i> , 2020, 124, 6493-6503.	2.5	9
9	Exploring the QSAR's predictive truthfulness of the novel <i>N</i> -tuple discrete derivative indices on benchmark datasets. <i>SAR and QSAR in Environmental Research</i> , 2017, 28, 367-389.	2.2	6