Manuel Alejandro Treto Suarez

List of Publications by Year
in descending order

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	Fluorescence turn-on and turn-off mechanisms of a dual-selective chemosensor of Bi3+ and pH changes: Insights from a theoretical perspective. Dyes and Pigments, 2021, 185, 108934.	3.7	11
2	Radiative decay channel assessment to understand the sensing mechanism of a fluorescent turnâ€on Al³⁺ chemosensor. International Journal of Quantum Chemistry, 2020, 120, e26083.	2.0	16
3	Sensing mechanism elucidation of a europium(<scp>III</scp>) <scp>metalâ€“organic</scp> framework selective to aniline: A theoretical insight by means of multiconfigurational calculations. Journal of Computational Chemistry, 2020, 41, 1956-1964.	3.3	24
4	New Sensitive and Selective Chemical Sensors for Ni²⁺ and Cu²⁺ Ions: Insights into the Sensing Mechanism through DFT Methods. Journal of Physical Chemistry A, 2020, 124, 6493-6503.	2.5	9
5	Kinetic study of removal heavy metal from aqueous solution using the synthetic aluminum silicate. Scientific Reports, 2020, 10, 10836.	3.3	19
6	Understanding the Selective-Sensing Mechanism of Al³⁺ Cation by a Chemical Sensor Based on Schiff Base: A Theoretical Approach. Journal of Physical Chemistry A, 2019, 123, 6970-6977.	2.5	31
7	Novel fluorescent Schiff bases as Al3+ sensors with high selectivity and sensitivity, and their bioimaging applications. Materials Chemistry and Physics, 2019, 233, 89-101.	4.0	37
8	Quantum chemical elucidation of the turn-on luminescence mechanism in two new Schiff bases as selective chemosensors of Zn²⁺: synthesis, theory and bioimaging applications. RSC Advances, 2019, 9, 30778-30789.	3.6	28
9	Exploring the QSARâ€™s predictive truthfulness of the novel N-tuple discrete derivative indices on benchmark datasets. SAR and QSAR in Environmental Research, 2017, 28, 367-389.	2.2	6