Julia Torres

List of Publications by Year
in descending order

37 papers	720 citations	623188 14 h-index	552369 26 g-index
38 all docs	38 docs citations	38 times ranked	686 citing authors

#	Article	IF	Citations
1	Supramolecular interaction of inositol phosphates with Cu(<scp>ii</scp>): comparative study of Ins<i>P</i>₆â€“Ins<i>P</i>₃. CrystEngComm, 2022, 24, 2126-2137.	1.3	1
2	Interactive Tools for First-Semester Undergraduate Chemistry Course in Uruguay: Student Choices and Impact on Student Performance and Dropout. Journal of Chemical Education, 2022, 99, 851-863.	1.1	0
3	Fe(III)-Complex-Imprinted Polymers for the Green Oxidative Degradation of the Methyl Orange Dye Pollutant. Polymers, 2021, 13, 3127.	2.0	2
4	Ln(<scp>iii</scp>)â€“Ni(<scp>ii</scp>) heteropolynuclear metal organic frameworks of oxydiacetate with promising proton-conductive properties. CrystEngComm, 2020, 22, 5638-5648.	1.3	4
5	myo-inositol hexakisphosphate: Coordinative versatility of a natural product. Coordination Chemistry Reviews, 2020, 419, 213403.	9.5	24
6	CuII- and CoII-Based MOFs: {[La2Cu3(Âµ-H2O)(ODA)6(H2O)3]âˆ™3H2O}n and {[La2Co3(ODA)6(H2O)6]âˆ™12H2O}n. The Relevance of Physicochemical Properties on the Catalytic Aerobic Oxidation of Cyclohexene. Catalysts, 2020, 10, 589.	1.6	7
7	Design of a white-light emitting material based on a mixed-lanthanide metal organic framework. Journal of Solid State Chemistry, 2019, 279, 120925.	1.4	13
8	Online pre-laboratory tools for first-year undergraduate chemistry course in Uruguay: student preferences and implications on student performance. Chemistry Education Research and Practice, 2019, 20, 229-245.	1.4	17
9	Influence of the channel size of isostructural 3dâ€“4f MOFs on the catalytic aerobic oxidation of cycloalkenes. New Journal of Chemistry, 2019, 43, 11057-11064.	1.4	13
10	Solution Studies and Crystal Structures of Heteropolynuclear Potassium/Copper Complexes with Phytate and Aromatic Polyamines: Selfâ€Assembly through Coordinative and Supramolecular Interactions. ChemPlusChem, 2019, 84, 540-552.	1.3	4
11	Polymorphism and luminescence properties of heteropolynuclear metalâ€“organic frameworks containing oxydiacetate as linker. CrystEngComm, 2018, 20, 4942-4953.	1.3	13
12	Polynuclear complexes in solution: An experimental and theoretical study on the interaction of nitrilotripropionate anion with metal ions. Inorganica Chimica Acta, 2018, 483, 53-60.	1.2	2
13	Sensitive method for the determination of molybdenum in natural groundwater at sub-ppb levels using DLLME coupled with ETAAS. Analytical Methods, 2017, 9, 1755-1761.	1.3	7
14	Lanthanide coordination polymers with N-methyliminodipropionic acid: Synthesis, crystal structures and luminescence. Inorganica Chimica Acta, 2017, 462, 308-314.	1.2	2
15	Selfâ€Assembly of Manganese(II)â€“Phytate Coordination Polymers: Synthesis, Crystal Structure, and Physicochemical Properties. ChemPlusChem, 2017, 82, 721-731.	1.3	12
16	Solution Chemistry of Arsenic Anions in the Presence of Metal Cations. Journal of Solution Chemistry, 2017, 46, 2231-2247.	0.6	9
17	Interactions of W(VI) and Mo(VI) Oxyanions with Metal Cations in Natural Waters. Journal of Solution Chemistry, 2016, 45, 1598-1611.	0.6	20
18	Potentiometric and spectroscopic study of the interaction of 3d transition metal ions with inositol hexakisphosphate. Journal of Molecular Structure, 2015, 1098, 55-65.	1.8	20

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19	Interaction of Molybdenum(VI) Oxyanions with +2 Metal Cations. Journal of Solution Chemistry, 2014, 43, 1687-1700.	0.6	19
20	The copper(<scp>ii</scp>)â€“phytateâ€“terpyridine ternary system: the first crystal structures showing the interaction of phytate with bivalent metal and ammonium cations. Chemical Communications, 2014, 50, 14971-14974.	2.2	19
21	Coordination, microprotonation equilibria and conformational changes of myo-inositol hexakisphosphate with pertinence to its biological function. Dalton Transactions, 2014, 43, 16238-16251.	1.6	35
22	Inframolecular acidâ€“base and coordination properties towards Na⁺and Mg²⁺of myo-inositol 1,3,4,5,6-pentakisphosphate: a structural approach to biologically relevant species. Dalton Transactions, 2013, 42, 6021-6032.	1.6	9
23	Cation effect on the crystal structure of polynuclear complexes with 2,2â€²-oxydiacetate as bridging ligand. Inorganica Chimica Acta, 2013, 394, 196-202.	1.2	8
24	The structure of cubic MOF [{Ca(H₂O)₆}{CaGd(oxydiacetate)₃}₂].4H₂O. A comparison between structural models obtained from Rietveld refinement of conventional and synchrotron X-ray powder diffraction data and standard refinement of single-crystal X-ray diffraction data. Powder Diffraction, 2012, 27, 232-242.	0.4	6
25	Comparative study of nanoporous Lnâ€“Cu coordination polymers containing iminodiacetate as bridging ligand. Journal of Molecular Structure, 2011, 1004, 215-221.	1.8	12
26	Insight into the protonation and K(I)-interaction of the inositol 1,2,3-trisphosphate as provided by 31P NMR and theoretical calculations. Journal of Molecular Structure, 2011, 986, 75-85.	1.8	7
27	Redox and structural aspects on iron inositol 1,2,3-trisphosphate interaction: An experimental and computational approach. Journal of Molecular Structure, 2011, 994, 343-349.	1.8	7
28	Modulation of the Physicochemical Properties of Heteropolynuclear Assemblies Containing Lanthanide Ions and 2,2â€²â€oxydiacetate. Macromolecular Symposia, 2011, 304, 72-79.	0.4	3
29	â€œChelatable iron poolâ€ inositol 1,2,3-trisphosphate fulfils the conditions required to be a safe cellular iron ligand. Journal of Biological Inorganic Chemistry, 2009, 14, 51-59.	1.1	31
30	The behaviour of inositol 1,3,4,5,6-pentakisphosphate in the presence of the major biological metal cations. Journal of Biological Inorganic Chemistry, 2009, 14, 1001-1013.	1.1	15
31	Interaction of myo-inositol hexakisphosphate with alkali and alkaline earth metal ions: Spectroscopic, potentiometric and theoretical studies. Journal of Molecular Structure, 2008, 874, 77-88.	1.8	38
32	Novel lanthanideâ€“iminodiacetate frameworks with hexagonal pores. Inorganic Chemistry Communication, 2008, 11, 862-864.	1.8	21
33	Lanthanide complexes with oda, ida, and nta: From discrete coordination compounds to supramolecular assemblies. Journal of Molecular Structure, 2008, 879, 130-149.	1.8	47
34	Chemical speciation of polynuclear complexes containing [Ln2M3L6] units. Pure and Applied Chemistry, 2008, 80, 1303-1316.	0.9	12
35	Mixed 3d/4f polynuclear complexes with 2,2â€²-oxydiacetate as bridging ligand: Synthesis, structure and chemical speciation of Laâ€“M compounds (M=bivalent cation). Journal of Molecular Structure, 2007, 829, 57-64.	1.8	18
36	The behaviour of myo-inositol hexakisphosphate in the presence of magnesium(II) and calcium(II): Protein-free soluble InsP6 is limited to 49Î¼M under cytosolic/nuclear conditions. Journal of Inorganic Biochemistry, 2006, 100, 1800-1810.	1.5	72

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37	Solution behaviour of myo-inositol hexakisphosphate in the presence of multivalent cations. Prediction of a neutral pentamagnesium species under cytosolic/nuclear conditions. Journal of Inorganic Biochemistry, 2005, 99, 828-840.	1.5	171