Jorge L ColÃ³n

List of Publications by Year
in descending order

32 papers	1,164 citations	394421 19 h-index	434195 31 g-index
35 all docs	35 docs citations	35 times ranked	1087 citing authors

#	Article	IF	Citations
1	Zirconium phosphate nano-platelets: a novel platform for drug delivery in cancer therapy. Chemical Communications, 2012, 48, 1754.	4.1	131
2	Nanoencapsulation of Insulin into Zirconium Phosphate for Oral Delivery Applications. Biomacromolecules, 2010, 11, 2465-2470.	5.4	113
3	Direct Ion Exchange of Tris(2,2â€˜-bipyridine)ruthenium(II) into an Î±-Zirconium Phosphate Framework. Inorganic Chemistry, 2003, 42, 2830-2832.	4.0	96
4	Photophysics and photochemistry of tris(2,2'-bipyridyl)ruthenium(II) within the layered inorganic solid zirconium phosphate sulfophenylphosphonate. The Journal of Physical Chemistry, 1990, 94, 874-882.	2.9	87
5	Optical investigations of the chemical microenvironment within the layered solid zirconium phosphate sulfophenylphosphonate. The Journal of Physical Chemistry, 1988, 92, 5777-5781.	2.9	71
6	Nitrosyl Hydride (HNO) as an O2 Analogue: Long-Lived HNO Adducts of Ferrous Globins. Biochemistry, 2009, 48, 5018-5025.	2.5	56
7	Direct intercalation of cisplatin into zirconium phosphate nanoplatelets for potential cancer nanotherapy. Nanoscale, 2013, 5, 11456.	5.6	54
8	Room-Temperature Emission from Platinum(II) Complexes Intercalated into Zirconium Phosphate-Layered Materials. Inorganic Chemistry, 2007, 46, 8569-8576.	4.0	51
9	Layered Inorganic Materials as Redox Agents:â€‰ Ferrocenium-Intercalated Zirconium Phosphate. Langmuir, 2007, 23, 7810-7817.	3.5	44
10	NADH Electrooxidation Using Bis(1,10-phenanthroline-5,6-dione)(2,2â€²-bipyridine)ruthenium(II)-Exchanged Zirconium Phosphate Modified Carbon Paste Electrodes. Electroanalysis, 2006, 18, 559-572.	2.9	41
11	Photophysical Characterization of the Interactions among Tris(2,2â€²-bipyridyl)ruthenium(II) Complexes Ion-Exchanged within Zirconium Phosphate. Inorganic Chemistry, 2010, 49, 7298-7303.	4.0	38
12	Vapochromic and vapoluminescent response of materials based on platinum(ii) complexes intercalated into layered zirconium phosphate. Journal of Materials Chemistry, 2011, 21, 15899.	6.7	37
13	Intercalation and Photophysical Characterization of 1-Pyrenemethylamine in Zirconium Phosphate Layered Materials. Langmuir, 2005, 21, 890-895.	3.5	30
14	Intercalation of Re(phen)(CO)3Cl into zirconium phosphate: a water insoluble inorganic complex immobilized in a highly polar rigid matrix. Dalton Transactions, 2007, , 1713-1718.	3.3	28
15	Poly(ethylene glycol)-modified zirconium phosphate nanoplatelets for improved doxorubicin delivery. Inorganica Chimica Acta, 2017, 468, 270-279.	2.4	27
16	Transition Metal-Modified Zirconium Phosphate Electrocatalysts for the Oxygen Evolution Reaction. Catalysts, 2017, 7, 132.	3.5	27
17	Control of carbon monoxide binding states and dynamics in hemoglobin I of Lucina pectinata by nearby aromatic residues. Inorganica Chimica Acta, 1996, 243, 161-166.	2.4	22
18	Transition Metal-Modified Exfoliated Zirconium Phosphate as an Electrocatalyst for the Oxygen Evolution Reaction. ACS Applied Energy Materials, 2019, 2, 3561-3567.	5.1	21

#	Article	IF	Citations
19	Isolating the Electrocatalytic Activity of a Confined NiFe Motif within Zirconium Phosphate. Advanced Energy Materials, 2021, 11, 2003545.	19.5	21
20	Morphology control of metal-modified zirconium phosphate support structures for the oxygen evolution reaction. Dalton Transactions, 2020, 49, 3892-3900.	3.3	20
21	Photophysical characterization of methyl viologen ion-exchanged within a zirconium phosphate framework. Inorganica Chimica Acta, 2007, 360, 1535-1542.	2.4	19
22	Luminescence Rigidochromism and Redox Chemistry of Pyrazolate-Bridged Binuclear Platinum(II) Diimine Complex Intercalated into Zirconium Phosphate Layers. Inorganic Chemistry, 2012, 51, 2777-2784.	4.0	19
23	Preparation of Zirconium Phosphate Nanomaterials and Their Applications as Inorganic Supports for the Oxygen Evolution Reaction. Nanomaterials, 2020, 10, 822.	4.1	18
24	Molybdocene dichloride intercalation into zirconium phosphate nanoparticles. Journal of Organometallic Chemistry, 2015, 791, 34-40.	1.8	14
25	Cobalt porphyrin intercalation into zirconium phosphate layers for electrochemical water oxidation. Sustainable Energy and Fuels, 2021, 5, 430-437.	4.9	14
26	Modification and intercalation of layered zirconium phosphates: a solidâ€state NMR monitoring. Magnetic Resonance in Chemistry, 2017, 55, 648-654.	1.9	13
27	Zirconium Phosphate Nanoplatelet Potential for Anticancer Drug Delivery Applications. Journal of Nanoscience and Nanotechnology, 2016, 16, 117-129.	0.9	9
28	Photolysis of 1-pyrenemethylamine ion-exchanged into a zirconium phosphate framework. Journal of Photochemistry and Photobiology A: Chemistry, 2005, 175, 201-206.	3.9	8
29	New Applications of Zirconium Phosphate Nanomaterials. Accounts of Materials Research, 2021, 2, 793-803.	11.7	8
30	Direct Intercalation of Bis-2,2â€²,2â€³,6-terpyridylcobalt(III) into Zirconium Phosphate Layers for Biosensing Applications. Langmuir, 2012, 28, 4447-4452.	3.5	7
31	A life in crystallography. Dalton Transactions, 2020, 49, 3914-3916.	3.3	3
32	Water Splitting Electrocatalysis within Layered Inorganic Nanomaterials. , 2020, , .		3