

# Hernani T Yee-Madeira

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

513  
citations

759233

12  
h-index

642732

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

699  
citing authors

#	ARTICLE	IF	CITATIONS
1	An atypical coordination in hexacyanometallates: Structure and properties of hexagonal zinc phases. <i>Journal of Physics and Chemistry of Solids</i> , 2007, 68, 1630-1642.	4.0	91
2	Removal of Reactive Black 5 from aqueous solution by ozone for water reuse in textile dyeing processes. <i>Desalination</i> , 2010, 258, 154-158.	8.2	83
3	Structure of Porous Copper Prussian Blue Analogues: Nature of Their High $H_2$ Storage Capacity. <i>Journal of Physical Chemistry C</i> , 2010, 114, 5043-5048.	3.1	46
4	Characterization of mechanochemically synthesized imidazolates of $Ag^{+1}$ , $Zn^{+2}$ , $Cd^{+2}$ , and $Hg^{+2}$ : Solid state reactivity of $nd_{10}$ cations. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 1612-1617.	4.0	45
5	Proton Transfer in Solid State: Mechanochemical Reactions of Imidazole with Metallic Oxides. <i>Journal of Solid State Chemistry</i> , 1999, 147, 561-564.	2.9	34
6	Behavior of Prussian blue-based materials in presence of ammonia. <i>Journal of Physics and Chemistry of Solids</i> , 2003, 64, 685-693.	4.0	31
7	Petroleum solid adherence on tubing surface. <i>Fuel</i> , 2001, 80, 1963-1968.	6.4	25
8	Mixed valence states in cobalt iron cyanide. <i>Journal of Physics and Chemistry of Solids</i> , 2007, 68, 290-298.	4.0	23
9	Mechanochemical synthesis of hemin-imidazole complexes. <i>Transition Metal Chemistry</i> , 2001, 26, 76-80.	1.4	19
10	On the crystal structures of some nickel hexacyanoferrates (II,III). <i>Powder Diffraction</i> , 2004, 19, 284-291.	0.2	16
11	Huaya ( <i>Melicoccus bijugatus</i> ) seed flour as a new source of starch: physicochemical, morphological, thermal and functional characterization. <i>Journal of Food Measurement and Characterization</i> , 2020, 14, 3299-3309.	3.2	13
12	Mössbauer spectra of ferrous salts of transition metal cyano complexes. A survey. <i>Transition Metal Chemistry</i> , 1999, 24, 163-167.	1.4	12
13	Nature of the Observed Asymmetry in Mössbauer Spectra of Iron (2+) Hexacyanometallates (III). <i>Zeitschrift Fur Physikalische Chemie</i> , 2009, 223, 701-711.	2.8	12
14	On a Probable Catalytic Interaction between Magnetite ( $Fe_3O_4$ ) and Petroleum. <i>Energy &amp; Fuels</i> , 2006, 20, 1281-1286.	5.1	11
15	Structural transformation with milling on sol-gel precursor for BaM hexaferrite. <i>Journal Physics D: Applied Physics</i> , 2000, 33, 2708-2715.	2.8	10
16	Behavior of Microporous Nitroprussides in Presence of Ammonia. <i>Journal of Porous Materials</i> , 2004, 11, 219-228.	2.6	10
17	Mechanochemical reactions of fluorides with hemin. <i>Journal of Fluorine Chemistry</i> , 2002, 113, 1-5.	1.7	8
18	Mixed valences system in cobalt iron cyanide. Microporous structure stability. <i>Journal of Porous Materials</i> , 2008, 15, 719-729.	2.6	6

#	ARTICLE	IF	CITATIONS
19	Solid State Reactions of Hemin with Basic Substances: Formation of bis and Mixed Complexes. <i>Structural Chemistry</i> , 2003, 14, 551-558.	2.0	5
20	Mechanochemical Reaction Between the Probe and the Matrix: A Possible Source of Errors When IR Spectra of Alkali Acid Bifluorides Are Recorded in Alkali Halide Pressed Disks. <i>Spectroscopy Letters</i> , 2004, 37, 191-199.	1.0	5
21	Mechanochemical reactions of telluric acid with alkaline fluorides. <i>Journal of Fluorine Chemistry</i> , 2002, 113, 93-95.	1.7	4
22	Complex Formation of Ferric Protoporphyrin IX From the Reaction of Hemin with Ammonia and Small Aliphatic Amines. <i>Transition Metal Chemistry</i> , 2004, 29, 451-456.	1.4	2
23	Spectroscopic Characterization of Complexes Obtained by Mechanochemical Reactions of Hemin. <i>Spectroscopy Letters</i> , 2003, 36, 83-92.	1.0	1
24	Heat Induced Charge Transfer in the Solid Solution $\text{Co}_x\text{T}_x[\text{Fe}(\text{CN})_6]_2\text{yH}_2\text{O}$ with T = Mn, Ni, Cu, Zn and Cd. <i>Zeitschrift Fur Physikalische Chemie</i> , 2008, 222, 1661-1678.	2.8	1
25	On the interpretation of $^{57}\text{Fe}$ Mössbauer spectra from CdTe thin films with substitutions of Fe, In, and Sb. <i>Thin Solid Films</i> , 1999, 340, 301-305.	1.8	0