

# Juan Manuel Manriquez

## List of Publications by Year in descending order

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25  
papers

357  
citations

933410

10  
h-index

839512

18  
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27  
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27  
docs citations

27  
times ranked

362  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence iron-iron distance on the thermal decomposition of ammonium perchlorate. New catalysts for the highly efficient combustion of solid rocket propellant. <i>Journal of Organometallic Chemistry</i> , 2020, 905, 121020.	1.8	34
2	Catalytic effects of p-phenylene-bridged methylated binuclear ferrocenes on thermal decomposition of the main component of composite solid propellants. <i>Thermochimica Acta</i> , 2018, 666, 181-189.	2.7	32
3	Effect of the homo- and heterobimetallic compounds derived from s-indacene on the thermal decomposition of ammonium perchlorate. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 131, 353-361.	3.6	28
4	DFT studies on coordination models for adsorption essays of Cu(II) and Ni(II) solutions in modified silica gel with iminodiacetic groups. <i>Chemical Papers</i> , 2017, 71, 1019-1030.	2.2	7
5	Theoretical study of aromatic-antiaromatic pairs as material in organic solar cells of double light harvesting. <i>Chemical Physics Letters</i> , 2016, 659, 31-35.	2.6	3
6	Experimental and theoretical studies of the ancillary ligand (E)-2-((3-amino-pyridin-4-ylimino)-methyl)-4,6-di-tert-butylphenol in the rhenium( $\kappa^2$ ) core. <i>New Journal of Chemistry</i> , 2015, 39, 5725-5734.	2.8	19
7	A new series of zirconium metallocenes derived from partially alkylated s-indacene with potential applications in the polymerization of ethylene. <i>Inorganica Chimica Acta</i> , 2015, 434, 121-126.	2.4	3
8	A theoretical study of substituted indeno[1,2-b]fluorene compounds and their possible applications in solar cells. <i>Chemical Physics Letters</i> , 2015, 636, 31-34.	2.6	11
9	New mono and bimetallic iron complexes derived from partially methylated s-indacene. Evidence of a trinuclear iron s-indacene complex. <i>Polyhedron</i> , 2014, 69, 15-24.	2.2	9
10	Novel mono- and heterobimetallic chromium-nickel s-indacene complexes: synthesis, characterization, and DFT studies. <i>Canadian Journal of Chemistry</i> , 2014, 92, 677-683.	1.1	7
11	Synthesis and structure of some heterobimetallic complexes having a polyalkyl-s-indacenyl spacer. <i>Inorganica Chimica Acta</i> , 2013, 394, 752-756.	2.4	15
12	A new heterobimetallic manganese-rhodium carbonyl complex derived from partially alkylated s-indacene. <i>Inorganica Chimica Acta</i> , 2013, 394, 132-139.	2.4	14
13	Novel titanocene derived from a partially alkylated s-indacene: Synthesis, characterization and comparative study with its zirconium analog. <i>Inorganica Chimica Acta</i> , 2013, 396, 35-39.	2.4	2
14	1,1,4,4-Tetra-tert-butyl-2,2,5,5-tetraphenyl-2,5-dicarboxylic acid dimethyl sulfoxide-d <sub>6</sub> disolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o1192-o1192.	0.2	0
15	Organogermanium polymers prepared from s-indacene and carbodiimide compounds. <i>Applied Organometallic Chemistry</i> , 2012, 26, 410-416.	3.5	5
16	Electronic structure and metal-metal communication in (CpM) <sub>2</sub> (s-indacene) and (CpM) <sub>2</sub> (as-indacene) (M = Mn, Fe, Co, Ni) complexes: a DFT investigation. <i>New Journal of Chemistry</i> , 2011, 35, 2136.	2.8	6
17	Chronoamperometric study and X-ray analysis of Ru(II)-pdtO (1,8-bis-(2-pyridyl)-3,6-dithiaoctane) complexes with substituted 1,10-phenanthrolines. <i>Polyhedron</i> , 2010, 29, 328-332.	2.2	7
18	Phenyl 3,5-di-tert-butyl-2-hydroxybenzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o3290-o3290.	0.2	2

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19	Role of the Solvent Employed for the Cathodic Electrophoretic Deposition (EPD) of ITO/TiO <sub>2</sub> Films, over its Morphology, Electronic Properties and Photoelectrochemical Behavior. ECS Transactions, 2010, 29, 183-192.	0.5	3
20	Toward the Synthetic Control of the HOMO~LUMO Gap in Binuclear Systems: Insights from Density Functional Calculations. Inorganic Chemistry, 2010, 49, 4175-4178.	4.0	9
21	Dye-sensitized Solar Cells Based on Perpendicularly-oriented Porphyrin Monolayers Obtained by Electrophoretic Deposition on Nanocrystalline TiO <sub>2</sub> Electrodes. ECS Transactions, 2009, 20, 425-430.	0.5	0
22	Heterobinuclears-Indacene Rhodium Complexes: Synthesis and Characterization. European Journal of Inorganic Chemistry, 2009, 2009, 784-791.	2.0	28
23	Preparation, characterization and photoelectrochemical study of mixed C60~Starburst~PAMAM G0.0 dendrimer films anchored on the surface of nanocrystalline TiO <sub>2</sub> semiconductor electrodes. Chemical Communications, 2005, , 1613-1615.	4.1	12
24	Design, self-assembly, and photophysical properties of pentameric metallomacrocycles: [M5(N-hexyl[1,2-bis(2,2~6~2~2~3-terpyridin-4-yl)]carbazole)5] [M = Fe(ii), Ru(ii), and Zn(ii)]. Chemical Communications, 2005, , 4672.	4.1	81
25	A convenient synthesis of C5(CD3)5H. Synthesis and characterisation of Fe{[1-5-C5(CD3)5]2}. Journal of the Chemical Society Chemical Communications, 1988, , 491-493.	2.0	11