Erwan AndrÃ©

List of Publications by Year
in descending order

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Version: 2024-02-01

		759233	677142
22	509	12	22
papers	citations	h-index	g-index

24	24	24	857
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thin Films of SiP Lamellar Alloys: A First Step toward 2D SiP. Journal of Physical Chemistry C, 2021, 125, 3235-3241.	3.1	6
2	Formation of SiP₂ Nanocrystals Embedded in SiO₂ from Phosphorus-Rich SiO_{1.5} Thin Films. Journal of Physical Chemistry C, 2020, 124, 7973-7978.	3.1	4
3	Experimental and Theoretical Infrared Signatures of REMO₃ (RE = La, Pr, Nd, Sm, and M =) Tj ETQq1 1 0.784314 rgBT /Ov	3.1	8
4	Carbonateâ€“Hydrogenocarbonate Coexistence and Dynamics in Layered Double Hydroxides. Journal of Physical Chemistry C, 2017, 121, 6104-6112.	3.1	23
5	Enhanced photocatalytic ability of Cu, Co doped ZnAl based mixed metal oxides derived from layered double hydroxides. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 524, 43-52.	4.7	28
6	Probing the Dynamics of Layered Double Hydroxides by Solid-State ²⁷Al NMR Spectroscopy. Journal of Physical Chemistry C, 2017, 121, 7276-7281.	3.1	8
7	Ternary Layered Double Hydroxides (LDHs) Based on Co-, Cu-Substituted ZnAl for the Design of Efficient Photocatalysts. European Journal of Inorganic Chemistry, 2017, 2017, 669-678.	2.0	43
8	Enhanced catalytic oxidation ability of ternary layered double hydroxides for organic pollutants degradation. Dalton Transactions, 2016, 45, 8224-8235.	3.3	32
9	Molecular Sieving with Vertically Aligned Mesoporous Silica Films and Electronic Wiring through Isolating Nanochannels. Chemistry of Materials, 2016, 28, 2511-2514.	6.7	58
10	Remarkable Structure and Elasticity Relaxation Dynamics of Poly(diallyldimethylammonium) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T	3.1	12
11	Properties of rare-earth orthoferrites perovskite driven by steric hindrance. Journal of Alloys and Compounds, 2016, 657, 631-638.	5.5	32
12	Tuning and Investigating the Structure of M^{II}-Fe^{III} Layered Double Hydroxides (M^{II} = Ni^{II}, Co^{II}) Tj ETQq0 0 0 rgBT /Overlock 1 Properties. Current Inorganic Chemistry, 2015, 5, 169-183.	0.2	12
13	Modelling the Structure and Vibrational Properties of Layered Double Hydroxides. , 2015, , 317-323.		1
14	The Raman spectrum of CaCO3 polymorphs calcite and aragonite: A combined experimental and computational study. Journal of Chemical Physics, 2014, 140, 164509.	3.0	131
15	Versatile Reactivity of Phosphagermaallene Tip(t-Bu)Geâ•Câ•PMes* with Î±-Ethylenic Esters. Organometallics, 2013, 32, 1085-1093.	2.3	5
16	pH influence on the complexation site of Al(III) with protocatechuic acid. A spectroscopic and theoretical approach. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 108, 280-287.	3.9	9
17	Versatile Stereoselective Cycloadditions between Heterocumulenes and Phosphagermaallene Tip(tBu)Geï£¾Cï£¾PMes*: Experimental and Theoretical Investigations. Chemistry - A European Journal, 2011, 17, 12763-12772.	3.3	14
18	1,3â€Dipole Behavior of Phosphagermaallene Tip(tBu)Geï£¾Cï£¾PMes* Leading to a Phosphagermaheterocyclic Carbene. Angewandte Chemie - International Edition, 2010, 49, 8704-8707.	13.8	20

#	Article	IF	Citations
19	The Reactivity of Phosphagermaallene Mes*Pâ•Câ•Ge(t-Bu)Tip toward Aldehydes and Ketones: an Experimental and Theoretical Study. Organometallics, 2010, 29, 2566-2578.	2.3	26
20	Toward a Better Understanding of the Regioselectivity of the Al(III)â^'Protocatechuic Acid Complexation Reaction. Journal of Physical Chemistry A, 2008, 112, 9829-9834.	2.5	10
21	Metal complexation of protocatechuic acid and its derivatives: Determination of the optimal computational conditions for the simulation of electronic spectra. Computational and Theoretical Chemistry, 2007, 806, 131-140.	1.5	12
22	Characterization of the Al(III) binding site of protocatechuic acid by electronic spectroscopy and quantum chemical calculations. Chemical Physics Letters, 2007, 434, 155-159.	2.6	12