Yeny A TobÃ³n

List of Publications by Year
in descending order

31 papers	379 citations	687363 13 h-index	794594 19 g-index
31 all docs	31 docs citations	31 times ranked	599 citing authors

#	Article	IF	Citations
1	Impact of the particle mixing state on the hygroscopicity of internally mixed sodium chlorideâ€“ammonium sulfate single droplets: a theoretical and experimental study. Physical Chemistry Chemical Physics, 2021, 23, 14391-14403.	2.8	4
2	In Situ Observation of Efflorescence and Deliquescence Phase Transitions of Single NaCl and NaNO3 Mixture Particles in Air Using a Laser Trapping Technique. Bulletin of the Chemical Society of Japan, 2020, 93, 86-91.	3.2	6
3	Crystal structure, spectroscopic characterization and Hirshfeld surface analysis of aquadichlorido{N-[(pyridin-2-yl)methylidene]aniline}copper(II) monohydrate. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 148-154.	0.5	5
4	INSIGHT INTO THE CONFORMATIONAL SPACE OF N-BENZYL-N-(FURAN-2-YLMETHYL)ACETAMIDE BY NMR SPECTROSCOPY AND DFT CALCULATIONS. Quimica Nova, 2020, , .	0.3	0
5	Enhancing Double-Beam Laser Tweezers Raman Spectroscopy (LTRS) for the Photochemical Study of Individual Airborne Microdroplets. Molecules, 2019, 24, 3325.	3.8	7
6	Deliquescence behavior of photo-irradiated single NaNO3 droplets. Atmospheric Environment, 2018, 183, 33-39.	4.1	11
7	Photodegradation of methyl thioglycolate particles as a proxy for organosulphur containing droplets. Physical Chemistry Chemical Physics, 2018, 20, 19416-19423.	2.8	2
8	Experimental and theoretical investigation on conformational and spectroscopic properties of dimethyl dithiodiglycolate, [CH 3 OC(O)CH 2 S] 2. Journal of Molecular Structure, 2017, 1137, 524-529.	3.6	1
9	Experimental and theoretical IR study of methyl thioglycolate, CH 3 OC(O)CH 2 SH, in different phases: Evidence of a dimer formation. Journal of Molecular Structure, 2017, 1139, 160-165.	3.6	4
10	Gas-phase and matrix-isolation photochemistry of methyl thioglycolate, CH 3 OC(O)CH 2 SH: Influence of the presence of molecular oxygen in the photochemical mechanisms. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 344, 101-107.	3.9	2
11	Photochemistry of single particles using acoustic levitation coupled with Raman microspectrometry. Journal of Raman Spectroscopy, 2017, 48, 1135-1137.	2.5	14
12	Bonding, Luminescence, Metallophilicity in Linear Au₃ and Au₂Ag Chains Stabilized by Rigid Diphosphanyl NHC Ligands. Inorganic Chemistry, 2016, 55, 8527-8542.	4.0	47
13	Influence of stearic acid coating of the NaCl surface on the reactivity with NO2 under humidity. Physical Chemistry Chemical Physics, 2015, 17, 10963-10977.	2.8	16
14	Auâ€“Au chemical bonding induced by UV irradiation of dinuclear gold(<scp>i</scp>) complexes: a computational study with experimental evidence. Physical Chemistry Chemical Physics, 2014, 16, 25840-25845.	2.8	21
15	Structural, spectroscopic and theoretical studies on dixanthogens: (ROC(S)S)₂, with R = n-propyl and isopropyl. New Journal of Chemistry, 2014, 38, 3708-3716.	2.8	14
16	Photoswitching of the spin crossover polymeric material [Fe(Htrz)2(trz)](BF4) under continuous laser irradiation in a Raman scattering experiment. Chemical Physics Letters, 2014, 604, 105-109.	2.6	34
17	Spin crossover complexes [Fe(NH2trz)3](X)2Â·nH2O investigated by means of polarized Raman scattering and DFT calculations. Physical Chemistry Chemical Physics, 2013, 15, 18128.	2.8	18
18	Resonance Raman Study of Spinâ€Crossover [Fe(Htrz)₂(trz)](BF₄)Â·H₂O Particles Coated with Gold. European Journal of Inorganic Chemistry, 2012, 2012, 5837-5842.	2.0	19

#	ARTICLE	IF	CITATIONS
19	In situ Raman monitoring of materials under irradiation: study of uranium dioxide alteration by water radiolysis. Journal of Raman Spectroscopy, 2012, 43, 1492-1497.	2.5	37
20	Vibrational and Valence Photoelectron Spectroscopies, Matrix Photochemistry, and Conformational Studies of ClC(O)SSCl. Journal of Physical Chemistry A, 2011, 115, 10203-10210.	2.5	3
21	Timeâ€resolved Raman studies on Al₂O₃: Cr³⁺: lifetime measurements of the excitedâ€state transition Ä’ â†’ 2Ä€. Journal of Raman Spectroscopy, 2011, 42, 1109-1113.	2.5	5
22	In-Situ Raman Observation of the First Step of Uranium Dioxide Weathering Exposed to Water Radiolysis. Spectroscopy Letters, 2011, 44, 570-573.	1.0	21
23	Time-Resolved Raman Spectroscopy Through ICCD Detection: Examples On Al[sub 2]O[sub 3] : Cr[sup 3+]. , 2010, , .		0
24	In-Situ Raman Monitoring Of UO[sub 2]âˆ•H[sub 2]O Interfaces Under He[sup 2+] Irradiation. , 2010, , .		0
25	Experimental and theoretical studies on bis(chlorocarbonyl)trisulfane, ClC(O)SSSC(O)Cl. Journal of Molecular Structure, 2009, 930, 37-42.	3.6	2
26	Spectroscopic and structural studies of bis[isopropoxy(thiocarbonyl)]sulfide, [(CH3)2CHOC(S)]2S. Journal of Molecular Structure, 2009, 930, 43-48.	3.6	3
27	A comprehensive study of (CH₃)₂CHOC(S)SC(O)OCH₃using matrix isolation technique, Xâ€ray analysis, spectroscopic studies and theoretical calculations. Journal of Physical Organic Chemistry, 2009, 22, 815-822.	1.9	10
28	Matrix isolation study of ethyl chloroformate, ClC(O)OCH2CH3. Journal of Molecular Structure, 2008, 881, 139-145.	3.6	9
29	Formation of New Halogenothiocarbonylsulfenyl Halides, XC(S)SY, through Photochemical Matrix Reactions Starting from CS2and a Dihalogen Molecule XY (XY = Cl2, Br2, or BrCl). Inorganic Chemistry, 2007, 46, 4692-4703.	4.0	21
30	Photochemical Reaction Channels of OCS with Cl2, ICl, or IBr Isolated Together in an Argon Matrix:Â Isolation ofsyn-Iodocarbonylsulfenyl Bromide. Journal of Physical Chemistry A, 2006, 110, 2674-2681.	2.5	27
31	New Members of an Old Family:Â Isolation of IC(O)Cl and IC(O)Br and Evidence for the Formation of Weakly Bound Brâ€¢Â·Â·Â·CO. Inorganic Chemistry, 2005, 44, 3241-3248.	4.0	16