

Yeny A TobÃ³n

List of Publications by Year in descending order

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31
papers

379
citations

687363

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794594

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citing authors

#	ARTICLE	IF	CITATIONS
1	Bonding, Luminescence, Metallophilicity in Linear Au ₃ and Au ₂ Ag Chains Stabilized by Rigid Diphosphanil NHC Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 8527-8542.	4.0	47
2	<i>In situ</i> Raman monitoring of materials under irradiation: study of uranium dioxide alteration by water radiolysis. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1492-1497.	2.5	37
3	Photoswitching of the spin crossover polymeric material [Fe(Htrz) ₂ (trz)](BF ₄) under continuous laser irradiation in a Raman scattering experiment. <i>Chemical Physics Letters</i> , 2014, 604, 105-109.	2.6	34
4	Photochemical Reaction Channels of OCS with Cl ₂ , ICl, or IBr Isolated Together in an Argon Matrix: Isolation of syn-Iodocarbonylsulfenyl Bromide. <i>Journal of Physical Chemistry A</i> , 2006, 110, 2674-2681.	2.5	27
5	Formation of New Halogenothiocarbonylsulfenyl Halides, XC(S)SY, through Photochemical Matrix Reactions Starting from CS ₂ and a Dihalogen Molecule XY (XY = Cl ₂ , Br ₂ , or BrCl). <i>Inorganic Chemistry</i> , 2007, 46, 4692-4703.	4.0	21
6	In-Situ Raman Observation of the First Step of Uranium Dioxide Weathering Exposed to Water Radiolysis. <i>Spectroscopy Letters</i> , 2011, 44, 570-573.	1.0	21
7	Au–Au chemical bonding induced by UV irradiation of dinuclear gold (Au ₂) complexes: a computational study with experimental evidence. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 25840-25845.	2.8	21
8	Resonance Raman Study of Spin Crossover [Fe(Htrz) ₂ (trz)](BF ₄)·H ₂ O Particles Coated with Gold. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5837-5842.	2.0	19
9	Spin crossover complexes [Fe(NH ₂ trz) ₃](X) ₂ ·nH ₂ O investigated by means of polarized Raman scattering and DFT calculations. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 18128.	2.8	18
10	New Members of an Old Family: Isolation of IC(O)Cl and IC(O)Br and Evidence for the Formation of Weakly Bound Br–CO. <i>Inorganic Chemistry</i> , 2005, 44, 3241-3248.	4.0	16
11	Influence of stearic acid coating of the NaCl surface on the reactivity with NO ₂ under humidity. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 10963-10977.	2.8	16
12	Structural, spectroscopic and theoretical studies on dixanthogens: (ROC(S) ₂), with R = n-propyl and isopropyl. <i>New Journal of Chemistry</i> , 2014, 38, 3708-3716.	2.8	14
13	Photochemistry of single particles using acoustic levitation coupled with Raman microspectrometry. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 1135-1137.	2.5	14
14	Deliquescence behavior of photo-irradiated single NaNO ₃ droplets. <i>Atmospheric Environment</i> , 2018, 183, 33-39.	4.1	11
15	A comprehensive study of (CH ₃) ₂ CHOC(S)SC(O)OCH ₃ using matrix isolation technique, X-ray analysis, spectroscopic studies and theoretical calculations. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 815-822.	1.9	10
16	Matrix isolation study of ethyl chloroformate, ClC(O)OCH ₂ CH ₃ . <i>Journal of Molecular Structure</i> , 2008, 881, 139-145.	3.6	9
17	Enhancing Double-Beam Laser Tweezers Raman Spectroscopy (LTRS) for the Photochemical Study of Individual Airborne Microdroplets. <i>Molecules</i> , 2019, 24, 3325.	3.8	7
18	In Situ Observation of Efflorescence and Deliquescence Phase Transitions of Single NaCl and NaNO ₃ Mixture Particles in Air Using a Laser Trapping Technique. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 86-91.	3.2	6

#	ARTICLE	IF	CITATIONS
19	Time-resolved Raman studies on Al ₂ O ₃ : Cr ³⁺ : lifetime measurements of the excited state transition $\tilde{A}' \rightarrow \tilde{A}''$. Journal of Raman Spectroscopy, 2011, 42, 1109-1113.	2.5	5
20	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
21	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
22	Impact of the particle mixing state on the hygroscopicity of internally mixed sodium chloride-ammonium sulfate single droplets: a theoretical and experimental study. Physical Chemistry Chemical Physics, 2021, 23, 14391-14403.	2.8	4
23	Spectroscopic and structural studies of bis[isopropoxy(thiocarbonyl)]sulfide, [(CH ₃) ₂ CHOC(S)] ₂ S. Journal of Molecular Structure, 2009, 930, 43-48.	3.6	3
24	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
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	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
27	Photodegradation of methyl thioglycolate particles as a proxy for organosulphur containing droplets. Physical Chemistry Chemical Physics, 2018, 20, 19416-19423.	2.8	2
28	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
29	Time-Resolved Raman Spectroscopy Through ICCD Detection: Examples On Al ₂ O ₃ : Cr ³⁺ . , 2010, , .		0
30	In-Situ Raman Monitoring Of UO ₂ •H ₂ O Interfaces Under He ²⁺ Irradiation. , 2010, , .		0
31	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