

Jean Claude Guillemin

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351
papers

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h-index

51
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383
ext. papers

5,652
ext. citations

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L-index

#	Paper	IF	Citations
351	An ionic liquid-supported ruthenium carbene complex: a robust and recyclable catalyst for ring-closing olefin metathesis in ionic liquids. <i>Journal of the American Chemical Society</i> , 2003 , 125, 9248-9	16.4	262
350	Design and synthesis of new bidentate alkoxy-NHC ligands for enantioselective copper-catalyzed conjugate addition. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 5237-5254	2.3	129
349	New bidentate alkoxy-NHC ligands for enantioselective copper-catalysed conjugate addition. <i>Tetrahedron: Asymmetry</i> , 2005 , 16, 921-924		99
348	Design and synthesis of imidazolium salts derived from (L)-valine. Investigation of their potential in chiral molecular recognition. <i>Chemical Communications</i> , 2004 , 1224-1225	5.8	98
347	Olefin metathesis in room temperature ionic liquids using imidazolium-tagged ruthenium complexes. <i>Journal of Organometallic Chemistry</i> , 2005 , 690, 3585-3599	2.3	87
346	Hydrogenation of solid hydrogen cyanide HCN and methanimine CH ₂ NH at low temperature. <i>Astronomy and Astrophysics</i> , 2011 , 534, A64	5.1	86
345	Ring-closing metathesis in biphasic BMI.PF ₆ ionic liquid/toluene medium: a powerful recyclable and environmentally friendly process. <i>Chemical Communications</i> , 2004 , 2282-3	5.8	73
344	Organic chemistry in Titan's atmosphere: new data from laboratory simulations at low temperature. <i>Advances in Space Research</i> , 1995 , 16, 93-103	2.4	73
343	Experimental simulation of Titan's organic chemistry at low temperature. <i>Planetary and Space Science</i> , 1995 , 43, 25-31	2	71
342	Experimental investigation of aminoacetonitrile formation through the Strecker synthesis in astrophysical-like conditions: reactivity of methanimine (CH ₂ NH), ammonia (NH ₃), and hydrogen cyanide (HCN). <i>Astronomy and Astrophysics</i> , 2011 , 535, A47	5.1	59
341	Rotational spectrum of ¹³ C ₂ -methyl formate (HCOO ¹³ CH ₃) and detection of the two ¹³ C-methyl formate in Orion. <i>Astronomy and Astrophysics</i> , 2009 , 500, 1109-1118	5.1	53
340	Conformational composition of cyclopentadienylphosphine investigated by microwave spectroscopy and quantum chemical calculations. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 921-5	2.8	52
339	Synthese d'imines lineaires non-stabilisees par reactions gaz-solide sous vide(1). <i>Tetrahedron</i> , 1988 , 44, 4431-4446	2.4	52
338	ALMA Detection of Interstellar Methoxymethanol (CH ₃ OCH ₂ OH). <i>Astrophysical Journal Letters</i> , 2017 , 851, L46	7.9	51
337	A simple route to kinetically unstabilized phosphalkynes. <i>Journal of Organic Chemistry</i> , 2001 , 66, 7864-8	4.2	48
336	Synthesis and Characterization of Allylic and Propargylic Selenols. <i>Organometallics</i> , 2002 , 21, 68-73	3.8	47
335	The ever-surprising chemistry of boron: enhanced acidity of phosphine.boranes. <i>Chemistry - A European Journal</i> , 2009 , 15, 4622-9	4.8	46

334	Primary alkynylphosphines and allenylphosphines. <i>Inorganic Chemistry</i> , 1991 , 30, 2170-2173	5.1	46
333	Gas-Phase Basicity and Acidity Trends in π -Unsaturated Amines, Phosphines, and Arsines. <i>Journal of the American Chemical Society</i> , 1999 , 121, 4653-4663	16.4	45
332	Synthesis and Spectroscopic Characterization of Ethylidynesarsine. <i>Journal of the American Chemical Society</i> , 1994 , 116, 8930-8936	16.4	44
331	Microwave and submillimeter spectroscopy and first ISM detection of 18O-methyl formate. <i>Astronomy and Astrophysics</i> , 2012 , 538, A119	5.1	42
330	Experimentally Determined Structure of H ₂ SiO by Rotational Spectroscopy and Isotopic Substitution. <i>Journal of Molecular Spectroscopy</i> , 1996 , 175, 421-428	1.3	42
329	Acidity trends in alpha,beta-unsaturated alkanes, silanes, germanes, and stannanes. <i>Journal of the American Chemical Society</i> , 2001 , 123, 6353-9	16.4	41
328	Synthesis of Nonstabilized Phosphaalkynes by Vacuum Gas-Solid HCl Elimination. <i>Angewandte Chemie International Edition in English</i> , 1991 , 30, 196-198		39
327	1-Azetine: thermal ring opening to 2-azabutadiene. <i>Journal of the American Chemical Society</i> , 1981 , 103, 468-469	16.4	39
326	NHC-containing chiral bidentate ligands: synthesis and evaluation in enantioselective copper-catalyzed conjugate addition. <i>Chirality</i> , 2007 , 19, 471-6	2.1	38
325	High-yield formation of substituted tetracyanobutadienes from reaction of ynamides with tetracyanoethylene. <i>Chemistry - A European Journal</i> , 2014 , 20, 9553-7	4.8	37
324	Synthese d'imines cycliques non-stabilisees par reactions gaz-solide sous vide et thermolyse-eclair (1,2). <i>Tetrahedron</i> , 1988 , 44, 4447-4455	2.4	36
323	Dihydrogen generation from amine/boranes: synthesis, FT-ICR, and computational studies. <i>Chemistry - A European Journal</i> , 2012 , 18, 3981-91	4.8	35
322	A simple explanation of the enhancement or depletion of the enantiomeric excess in the partial sublimation of enantiomerically enriched amino acids. <i>Chemical Communications</i> , 2010 , 46, 1482-4	5.8	35
321	Synthesis and characterization of 2,4-pentadienenitrile--a key compound in space science. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 7224-6	16.4	35
320	Centrifugal distortion analysis of the rotational spectrum of aziridine: Comparison of different Hamiltonians. <i>Journal of Molecular Spectroscopy</i> , 2010 , 264, 94-99	1.3	33
319	IR Spectrum of C ₈ H ₂ : Integrated Band Intensities and Some Observational Implications. <i>Journal of Molecular Spectroscopy</i> , 2001 , 210, 191-195	1.3	33
318	Report and implications of the first observation of C ₄ N ₂ in laboratory simulations of Titan's atmosphere. <i>Planetary and Space Science</i> , 1999 , 47, 1433-1440	2	33
317	Ultraviolet and infrared spectrum of C ₆ H ₂ revisited and vapor pressure curve in Titan's atmosphere. <i>Planetary and Space Science</i> , 2003 , 51, 9-17	2	32

316	Photochemical cycloaddition reactions of cyanoacetylene and dicyanoacetylene. <i>Journal of Organic Chemistry</i> , 1990 , 55, 5601-6	4.2	32
315	Attempts to explain the self-disproportionation observed in the partial sublimation of enantiomerically enriched carboxylic acids. <i>Journal of Fluorine Chemistry</i> , 2010 , 131, 545-548	2.1	31
314	Gas phase dicyanoacetylene (C ₄ N ₂) on Titan: New experimental and theoretical spectroscopy results applied to Cassini CIRS data. <i>Icarus</i> , 2015 , 248, 340-346	3.8	30
313	Absolute IR Band Intensities of CH ₂ N ₂ , CH ₃ N ₃ , and CH ₃ NC in the 250–300 cm ⁻¹ Region and Upper Limits of Abundance in Titan's Stratosphere. <i>Icarus</i> , 1996 , 124, 318-328	3.8	30
312	Gas-Phase Basicities and Acidities of Ethyl-, Vinyl-, and Ethynylarsine. An Experimental and Theoretical Study. <i>Journal of Physical Chemistry A</i> , 1997 , 101, 9525-9530	2.8	28
311	Intramolecular coupling of acetylenic groups of bis(alkynyl)phosphanes and silanes mediated by benzyne-zirconocene: a route to new mono- and tricyclic heterocycles. <i>Tetrahedron</i> , 2004 , 60, 1317-1327	2.4	28
310	Lewis base-induced rearrangement of primary ethyn-1-ylphosphines, a new and efficient route to phosphalkynes. <i>Journal of the Chemical Society Chemical Communications</i> , 1992 , 415		28
309	Synthesis and Characterization of Allylic Dihaloboranes. <i>Organometallics</i> , 1997 , 16, 5844-5848	3.8	27
308	Alkenyl selenols and selenocyanates: synthesis, spectroscopic characterization by photoelectron spectroscopy, and quantum chemical study. <i>Chemistry - A European Journal</i> , 2004 , 10, 3649-56	4.8	27
307	The gas-phase acidity of HCP, CH ₃ CP, HCAs, and CH ₃ CAs: an unexpected enhanced acidity of the methyl group. <i>Chemistry - A European Journal</i> , 2002 , 8, 4919-24	4.8	27
306	First synthesis and characterization of vinylselenols and vinyltellurols. <i>Chemical Communications</i> , 2000 , 1163-1164	5.8	27
305	Vacuum Gas/Solid-N-Chlorination: Preparative Scale Synthesis of Volatile-N-Chloramines. <i>Synthesis</i> , 1985 , 1985, 1131-1133	2.9	27
304	Low temperature reaction kinetics of CN ⁻ + HC ₃ N and implications for the growth of anions in Titan's atmosphere. <i>Icarus</i> , 2014 , 227, 123-131	3.8	26
303	Differences between amine- and phosphine-boranes: synthesis, photoelectron spectroscopy, and quantum chemical study of the cyclopropylic derivatives. <i>Inorganic Chemistry</i> , 2010 , 49, 4854-64	5.1	26
302	Microwave spectrum of 3-butyne-1-thiol: evidence for intramolecular S-H...π hydrogen bonding. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 9370-6	2.8	26
301	Synthesis and characterization of (E)- and (Z)-3-mercapto-2-propenenitrile. Microwave spectrum of the Z-isomer. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 1259-64	2.8	25
300	Allenyl and Alkynyl Selenols and Selenocyanates. Synthesis, Spectroscopic Characterization, and Quantum Chemical Study. <i>Organometallics</i> , 2007 , 26, 2507-2518	3.8	25
299	Allylation of Phosphorus, Arsenic, and Antimony Trihalides by Allylic Stannanes. Synthesis, Spectroscopic Characterization, and Quantum Chemical Investigations of Allylic Phosphines, Arsines, and Stibines. <i>Journal of Organic Chemistry</i> , 1998 , 63, 59-68	4.2	25

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- 297 Vacuum Dynamic Gas Phase/Solid-Phase Reactions: N-Chlorination of Primary Amines and Elimination of the Resulting Chloramines; Synthesis of Reactive (E)- and (Z)-Aldimines. *Angewandte Chemie International Edition in English*, **1982**, 21, 690-690 25
- 296 THE FIRST ASTROPHYSICAL DETECTION, TERAHERTZ SPECTRUM, AND DATABASE FOR THE MONODEUTERATED SPECIES OF METHYL FORMATE HCOOCH_2D . *Astrophysical Journal*, **2013**, 779, 119 4.7 23
- 295 Acidity trends in alpha,beta-unsaturated sulfur, selenium, and tellurium derivatives: comparison with C-, Si-, Ge-, Sn-, N-, P-, As-, and Sb-containing analogues. *Chemistry - A European Journal*, **2005**, 11, 2145-53 4.8 23
- 294 Structural and conformational properties of 2-propynylphosphine (propargylphosphine) as studied by microwave spectroscopy supplemented by quantum chemical calculations. *Inorganic Chemistry*, **2001**, 40, 3719-24 5.1 23
- 293 Fourier-transform microwave spectroscopy of a halogen substituted Criegee intermediate ClCHOO . *Journal of Chemical Physics*, **2016**, 145, 184304 3.9 23
- 292 Are unsaturated isocyanides so different from the corresponding nitriles?. *ChemPhysChem*, **2012**, 13, 226-36 3.2 22
- 291 The microwave spectrum of the mono deuterated species of methyl formate. *Journal of Molecular Spectroscopy*, **2009**, 254, 55-68 1.3 22
- 290 Microwave spectrum, structure, and quantum chemical studies of a compound of potential astrochemical and astrobiological interest: Z-3-amino-2-propenenitrile. *Journal of Physical Chemistry A*, **2006**, 110, 12572-84 2.8 22
- 289 Primary Vinyl- and Alkynylstibines: Preparation and Characterization. *Inorganic Chemistry*, **1995**, 34, 1466-1471 2.2
- 288 Formation under high-dilution conditions of transient phosphalkenes by Lewis-base-induced rearrangement of vinylphosphines, a useful entry to cyclic phosphines. *Journal of the Chemical Society Chemical Communications*, **1994**, 945 22
- 287 Primary and Secondary Vinylarsines: Synthesis, Stability and Characterization. *Organometallics*, **1994**, 13, 1525-1527 3.8 22
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- 284 Regioselectivity of the Photochemical Addition of Ammonia, Phosphine, and Silane to Olefinic and Acetylenic Nitriles. *Chemistry - A European Journal*, **1998**, 4, 1074-1082 4.8 21
- 283 Spectroscopic and quantum chemical study of cyclopropylmethylphosphine, a candidate for intramolecular hydrogen bonding. *Journal of Physical Chemistry A*, **2005**, 109, 7134-9 2.8 21
- 282 Infrared spectra of a species of astrochemical interest: aminoacrylonitrile (3-amino-2-propenenitrile). *Journal of Physical Chemistry A*, **2005**, 109, 4705-12 2.8 21
- 281 3-Buteneselenol The First Example of a Selenol with an Intramolecular Hydrogen Bond as Studied by Microwave Spectroscopy and Quantum Chemical Calculations. *Journal of Physical Chemistry A*, **2004**, 108, 1403-1408 2.8 21

280	Structural and Conformational Properties of 2-Propenylphosphine (Allylphosphine) as Studied by Microwave Spectroscopy Supplemented by Quantum Chemical Calculations. <i>Journal of Physical Chemistry A</i> , 2002 , 106, 11481-11487	2.8	21
279	Photolysis of phosphine in the presence of acetylene and propyne, gas mixtures of planetary interest. <i>Advances in Space Research</i> , 1995 , 16, 85-92	2.4	21
278	Gas-Phase Characterization by Photoelectron Spectroscopy of Unstabilized α -Unsaturated Arsines, Ethylidene- and Ethylidynearsines. <i>Organometallics</i> , 1995 , 14, 4732-4735	3.8	21
277	Electronic absorption and phosphorescence of cyanodiacetylene. <i>Journal of Chemical Physics</i> , 2010 , 133, 074310	3.9	20
276	Submillimeterwave spectrum of CH ₂ PH and equilibrium structures of CH ₂ PH and CH ₂ NH. <i>Journal of Molecular Spectroscopy</i> , 2006 , 238, 234-240	1.3	20
275	Reactions of Allenyltri-n-butylstannane with Halides of Phosphorus, Arsenic, Antimony, Germanium, Tin, and Boron. Preparation of Propargylic and/or Allenic Derivatives. <i>Organometallics</i> , 1999 , 18, 5259-5263	3.8	20
274	The millimeter wave rotational spectrum of 2H-azirine, NCH ₂ CH. <i>Journal of Molecular Spectroscopy</i> , 1986 , 115, 1-14	1.3	20
273	Straightforward synthesis of 5-bromopenta-2,4-diyne nitrile and its reactivity towards terminal alkynes: a direct access to diene and benzofulvene scaffolds. <i>Chemistry - A European Journal</i> , 2015 , 21, 6042-7	4.8	19
272	Can an amine be a stronger acid than a carboxylic acid? The surprisingly high acidity of amine-borane complexes. <i>Chemistry - A European Journal</i> , 2012 , 18, 15699-705	4.8	19
271	Beta-heterosubstituted acrylonitriles--electronic structure study by UV-photoelectron spectroscopy and quantum chemical calculations. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 2387-96	2.8	19
270	Regio- and stereoselective allylic fluorination using chiral rhenium complexes. <i>Journal of Fluorine Chemistry</i> , 1999 , 93, 171-173	2.1	19
269	Mid-UV spectroscopy of propynenitrile at low temperature: Consequences on expected results from observations of Titan's atmosphere. <i>Journal of Geophysical Research</i> , 1994 , 99, 17069		19
268	Submillimeter spectra of 2-hydroxyacetonitrile (glycolonitrile; HOCH ₂ CN) and its searches in GBT PRIMOS observations of Sgr B2(N). <i>Astronomy and Astrophysics</i> , 2017 , 601, A50	5.1	18
267	Laboratory spectroscopy of methoxymethanol in the millimeter-wave range. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 5509-5516	3.6	18
266	Partial sublimation of enantioenriched amino acids at low temperature. Is it coming from the formation of a euatmotic composition of the gaseous phase?. <i>Journal of Organic Chemistry</i> , 2013 , 78, 10530-3	4.2	18
265	A quantum chemical study of the generation of a potential prebiotic compound, cyanoacetaldehyde, and related sulfur containing species. <i>Journal of Physical Chemistry A</i> , 2008 , 112, 11009-16	2.8	18
264	Infrared band intensities of cyanobutadiyne (HC ₅ N) between 400 and 4000cm ⁻¹ . <i>Journal of Molecular Spectroscopy</i> , 2007 , 245, 109-114	1.3	18
263	Spectroscopic and quantum chemical study of the novel compound cyclopropylmethylselenol. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 2134-8	2.8	18

262	Prebiotic, planetary and interstellar chemistry starting from compounds detected in the interstellar medium. <i>Advances in Space Research</i> , 2004 , 33, 81-87	2.4	18
261	Absolute absorption coefficient of C ₆ H ₂ in the mid-UV range at low temperature; implications for the interpretation of Titan atmospheric spectra. <i>Planetary and Space Science</i> , 1995 , 43, 83-9	2	18
260	Metastable isomers of acetonitrile: syntheses of vinylideneamine and η -azirine. <i>Journal of the Chemical Society Chemical Communications</i> , 1983 , 238-239		18
259	Microwave spectrum and conformational properties of 4-isocyano-1-butene (H ₂ C=CCH ₂ CH ₂ N=C). <i>Journal of Physical Chemistry A</i> , 2014 , 118, 1413-9	2.8	17
258	THz spectroscopy and first ISM detection of excited torsional states of ¹³ C-methyl formate. <i>Astronomy and Astrophysics</i> , 2014 , 568, A58	5.1	17
257	Low temperature rate coefficients for the reaction CN + HC ₃ N. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 12155-64	2.8	17
256	Methyldiynearsine (HC≡CAs): synthesis and direct characterization by UV-photoelectron spectroscopy and mass spectrometry. <i>Chemical Communications</i> , 2008 , 4204-6	5.8	17
255	Gas-phase protonation and deprotonation of acrylonitrile derivatives N≡C-CH=CH-X (X=CH ₃), NH ₂), PH ₂), SiH ₃). <i>Chemistry - A European Journal</i> , 2006 , 12, 9254-61	4.8	17
254	Germane photochemistry. Photolysis of gas mixtures of planetary interest. <i>Planetary and Space Science</i> , 1995 , 43, 75-81	2	17
253	Synthesis and Characterization of Primary and Secondary Allenyl- and Alkynylarsines. <i>Inorganic Chemistry</i> , 1995 , 34, 5694-5697	5.1	17
252	Unstabilized 1-phosphaallenes : synthesis and characterization. <i>Tetrahedron Letters</i> , 1994 , 35, 245-248	2	17
251	Synthese von nicht stabilisierten Phosphaalkinen durch HCl-Eliminierung in einer Vakuum-Gas-Feststoff-Reaktion. <i>Angewandte Chemie</i> , 1991 , 103, 191-193	3.6	17
250	Rotational spectrum of a chiral amino acid precursor, 2-aminopropionitrile, and searches for it in Sagittarius B2(N). <i>Astronomy and Astrophysics</i> , 2012 , 538, A51	5.1	16
249	Acetaldehyde solid state reactivity at low temperature: formation of the acetaldehyde ammonia trimer. <i>Journal of Physical Chemistry A</i> , 2012 , 116, 2225-33	2.8	16
248	Organic Selenocyanates: Synthesis, Characterization and Uses in Chemistry and Biology. <i>Current Organic Chemistry</i> , 2011 , 15, 1670-1687	1.7	16
247	Functionalized tellurols: synthesis, spectroscopic characterization by photoelectron spectroscopy, and quantum chemical study. <i>Inorganic Chemistry</i> , 2008 , 47, 1502-11	5.1	16
246	Cyano substituent effects on enol and enethiol acidity and basicity: The protonation and deprotonation of 3-hydroxy-2-propenenitrile and its thio analogue. <i>International Journal of Mass Spectrometry</i> , 2007 , 267, 125-133	1.9	16
245	Structural and conformational properties of 1,2-propadienylphosphine (allenylphosphine) studied by microwave spectroscopy and quantum chemical calculations. <i>Journal of Physical Chemistry A</i> , 2005 , 109, 115-21	2.8	16

- 244 Preparation of Soluble Polymeric Supports with a Functional Group for Liquid-Phase Organic Synthesis. *Synlett*, **2002**, 2002, 0316-0318 2.2 16
- 243 Thermally unstable polyynes and N-organics of planetological interest: New laboratory data and implications for their detection by in situ and remote sensing techniques. *Advances in Space Research*, **1995**, 15, 5-11 2.4 16
- 242 The millimeter-wave spectrum of aminoacetonitrile. *Journal of Molecular Spectroscopy*, **1990**, 143, 180-182 16
- 241 Probing the conformational behavior of the doubly substituted methyl-ethyl Criegee intermediate by FTMW spectroscopy. *Journal of Chemical Physics*, **2017**, 146, 174304 3.9 15
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- 239 Vinylmercury Hydrides: Synthesis and Spectroscopic Characterization. *Inorganic Chemistry*, **1996**, 35, 6586-6591 15
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- 237 The photolysis of NH₃ in the presence of substituted acetylenes: a possible source of oligomers and HCN on Jupiter. *Icarus*, **1992**, 95, 54-9 3.8 15
- 236 Millimeter-wave spectrum of cyclopropenone, C₃H₂O. *Journal of Molecular Spectroscopy*, **1990**, 140, 190-192 1.3 15
- 235 Formation of fulvene in the reaction of C₂H with 1,3-butadiene. *International Journal of Mass Spectrometry*, **2015**, 378, 232-245 1.9 14
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- 233 High temperature sublimation of β amino acids: a realistic prebiotic process leading to large enantiomeric excess. *Chemical Communications*, **2015**, 51, 7054-7 5.8 14
- 232 Extension of the millimeter- and submillimeter-wave spectral databases of deuterated methyl cyanides (CH₂DCN and CHD₂CN). *Astronomy and Astrophysics*, **2013**, 553, A84 5.1 14
- 231 Microwave spectrum and intramolecular hydrogen bonding of propargyl selenol (HC[triple bond]CCH₂SeH). *Journal of Physical Chemistry A*, **2010**, 114, 5537-43 2.8 14
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- 228 Structures of Vinylstannane (Ethenylstannane) and Allylstannane (2-Propenylstannane) Determined by Gas-Phase Electron Diffraction and Quantum Chemical Calculations. *Organometallics*, **2006**, 25, 2626-2633 3.8 14
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225	A Convenient Method for the Synthesis of β -Functionalized Chlorophosphonic Esters. <i>Synthetic Communications</i> , 1991 , 21, 793-798	1.7	14
224	Application of photoelectron spectroscopy to molecular properties. Part 40. Synthesis of P-chlorophosphaethene and N-chloromethanimine: estimation of chlorine substitution on the electronic structure of heteroatomic double bonds. <i>Journal of Organic Chemistry</i> , 1989 , 54, 5958-5963	4.2	14
223	Conformational analysis of ethyl-substituted Criegee intermediate by FTMW spectroscopy. <i>Journal of Chemical Physics</i> , 2016 , 145, 224314	3.9	14
222	Reduction of unsaturated compounds under interstellar conditions: chemoselective reduction of C-C and C=C bonds over C=O functional group. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017 , 468, 4592-4600	4.3	13
221	Synthesis and spectroscopy of cyanotriacetylene (HC ₇ N) in solid argon. <i>Journal of Chemical Physics</i> , 2014 , 140, 044329	3.9	13
220	THE CM-, MM-, AND SUB-MM-WAVE SPECTRUM OF ALLYL ISOCYANIDE AND RADIOASTRONOMICAL OBSERVATIONS IN ORION KL AND THE SgrB2 LINE SURVEYS. <i>Astrophysical Journal</i> , 2013 , 777, 120	4.7	13
219	Primary phosphines studied by gas-phase electron diffraction and quantum chemical calculations. Are they different from amines?. <i>Inorganic Chemistry</i> , 2009 , 48, 8603-12	5.1	13
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217	Synthesis of allenyl- and alkynyl-stannanes by reduction of allenyl- and alkynyl-chlorostannanes. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 699		13
216	Allenyl and Divinyl Phosphines, Arsines, and Stibines as Potential Precursors of the Corresponding 1- and 2-Phospha, 1- and 2-Arsa, and 1- and 2-Stiba Dienes. <i>Organometallics</i> , 1996 , 15, 3466-3469	3.8	13
215	Formation of reactive thioaldehydes by vacuum gas-phase dehydrocyanation of thiocyanohydrins; characterization by MS/MS spectrometry.. <i>Tetrahedron Letters</i> , 1988 , 29, 5899-5900	2	13
214	Internal Rotation of OH Group in 4-Hydroxy-2-butyne nitrile Studied by Millimeter-Wave Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 3163-3169	2.8	12
213	Accurate semiexperimental structure of 1,3,4-oxadiazole by the mixed estimation method. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 2278-84	2.8	12
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