

Laboratory confirmation of C₆₀⁺ as the carrier of two d

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Citation Report

#	ARTICLE	IF	CITATIONS
1	LABORATORY OPTICAL SPECTROSCOPY OF THE PHENOXY RADICAL AS A CANDIDATE FOR DIFFUSE INTERSTELLAR BANDS. <i>Astronomical Journal</i> , 2015, 150, 113.	1.9	3
2	IDENTIFICATION OF MORE INTERSTELLAR C_{60}^+ BANDS. <i>Astrophysical Journal Letters</i> , 2015, 812, L8.	3.0	131
3	THE DIFFUSE INTERSTELLAR BANDS AND ANOMALOUS MICROWAVE EMISSION MAY ORIGINATE FROM THE SAME CARRIERS. <i>Astrophysical Journal</i> , 2015, 813, 122.	1.6	6
4	ELECTRONIC SPECTRUM OF $C_7H_3^+$ IN THE GAS PHASE AT 10 K. <i>Astrophysical Journal Letters</i> , 2015, 812, L4.	3.0	5
5	Failure of hydrogenation in protecting polycyclic aromatic hydrocarbons from fragmentation. <i>Physical Review A</i> , 2015, 92, .	1.0	40
6	On observing C_{60}^+ and C_{60}^{2+} in laboratory and space. <i>Astronomy and Astrophysics</i> , 2015, 584, A55.	2.1	40
7	The molecular universe: from observations to laboratory and back. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 299-304.	0.0	0
8	C_{60}^+ and C_{60}^{2+} in laboratory and space. <i>Nature Digest</i> , 2015, 12, 7-8.	0.0	0
9	Mapping atomic and diffuse interstellar band absorption across the Magellanic Clouds and the Milky Way. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 4013-4026.	1.6	18
10	Electronic and rovibrational quantum chemical analysis of C_3P^+ : the next interstellar anion?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 2825-2830.	1.6	13
11	Threshold Energies for Single-Carbon Knockout from Polycyclic Aromatic Hydrocarbons. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 4504-4509.	2.1	26
12	Diffuse Interstellar Bands in Emission. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, .	0.0	0
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14	Dust and molecules in extra-galactic planetary nebulae. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, .	0.0	1
15	Search for water and life's building blocks in the Universe: An Introduction. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 376-379.	0.0	0
16	The $\lambda 6614$ diffuse interstellar absorption band: evidence for internal excitation of the carrier. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 3913-3918.	1.6	11
17	Electronically Excited States of Anisotropically Extended Singly-Deprotonated PAH Anions. <i>Journal of Physical Chemistry A</i> , 2015, 119, 13048-13054.	1.1	13
18	Fullerene solves an interstellar puzzle. <i>Nature</i> , 2015, 523, 296-297.	13.7	13

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20	One rule for the electron-rich.... <i>Nature Chemistry</i> , 2015, 7, 857-858.	6.6	2
21	Interstellar Anions: The Role of Quantum Chemistry. <i>Journal of Physical Chemistry A</i> , 2015, 119, 9941-9953.	1.1	47
22	On the nature of absorption features toward nearby stars. <i>Astronomy and Astrophysics</i> , 2016, 591, A20.	2.1	1
23	Molecular studies of Planetary Nebulae. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 141-149.	0.0	1
24	Fullerenes and fullerenes in circumstellar envelopes. <i>Journal of Physics: Conference Series</i> , 2016, 728, 052004.	0.3	5
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29	Infrared spectra of two isomers of protonated carbonyl sulfide (HOCS ⁺ and HSCO ⁺) and <i>trans</i> -HOCS in solid <i>para</i> -hydrogen. <i>Journal of Chemical Physics</i> , 2016, 145, 164308.	1.2	4
30	The diffuse interstellar bands - a brief review. <i>Journal of Physics: Conference Series</i> , 2016, 728, 062005.	0.3	16
31	Following the Interstellar History of Carbon: From the Interiors of Stars to the Surfaces of Planets. <i>Astrobiology</i> , 2016, 16, 997-1012.	1.5	7
32	COLLISIONAL DESTRUCTION OF (<i>n</i> = 1 TO 4, 6) ANIONS OF ASTROPHYSICAL RELEVANCE. <i>Astrophysical Journal</i> , 2016, 833, 269.	1.6	5
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38	Analysis of a bicyclic, triple disulphide molecular nanopropeller. <i>RSC Advances</i> , 2016, 6, 43509-43517.	1.7	3
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40	An optical spectrum of a large isolated gas-phase PAH cation: C ₇₈ H ₁₂ ⁺ . <i>Molecular Astrophysics</i> , 2016, 2, 12-17.	1.7	4
41	The electronic spectroscopy of resonance-stabilised hydrocarbon radicals. <i>International Reviews in Physical Chemistry</i> , 2016, 35, 209-242.	0.9	29
42	Collisions of FeO ⁺ with H ₂ and He in a Cryogenic Ion Trap. <i>ChemPhysChem</i> , 2016, 17, 3723-3739.	1.0	17
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52	GAS PHASE ABSORPTION SPECTROSCOPY OF AND IN A CRYOGENIC ION TRAP: COMPARISON WITH ASTRONOMICAL MEASUREMENTS*. <i>Astrophysical Journal</i> , 2016, 822, 17.	1.6	101
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117	Tunneling Isomerizations on the Potential Energy Surfaces of Formaldehyde and Methanol Radical Cations. <i>ACS Earth and Space Chemistry</i> , 2017, 1, 361-367.	1.2	11
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