

# László Nemes

## List of Publications by Year in descending order

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19  
papers

428  
citations

840776

11  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

447  
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ chemical analysis of geology samples by a rapid simultaneous ultraviolet/visible/near-infrared (UVN) + longwave-infrared laser induced breakdown spectroscopy detection system at standoff distance. <i>Optics Express</i> , 2019, 27, 19596.	3.4	11
2	Mid infrared emission spectroscopy of carbon plasma. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 170, 145-149.	3.9	6
3	Carbon Vapor and Carbon Plasma Infrared Emission. <i>Journal of Astrophysics &amp; Aerospace Technology</i> , 2017, 05, .	0.1	1
4	Spectroscopy of Carbon Containing Diatomic Molecules. , 2011, , 113-165.		8
5	Variational quantum mechanical and active database approaches to the rotational-vibrational spectroscopy of ketene, H <sub>2</sub> CCO. <i>Journal of Chemical Physics</i> , 2011, 135, 094307.	3.0	57
6	Spontaneous emission from C <sub>2</sub> (d <sup>3</sup> g) and C <sub>3</sub> (A <sup>1</sup> u) during laser irradiation of soot particles. <i>Molecular Physics</i> , 2010, 108, 1013-1025.	1.7	34
7	Photochemical interferences for laser-induced incandescence of flame-generated soot. <i>Proceedings of the Combustion Institute</i> , 2009, 32, 963-970.	3.9	45
8	Spontaneous emission from the C <sub>3</sub> radical in carbon plasma. <i>Applied Optics</i> , 2007, 46, 4032.	2.1	28
9	Laser-induced carbon plasma emission spectroscopic measurements on solid targets and in gas-phase optical breakdown. <i>Applied Optics</i> , 2005, 44, 3661.	2.1	22
10	Time averaged emission spectra of Nd:YAG laser induced carbon plasmas. <i>Journal of Molecular Structure</i> , 2004, 695-696, 211-218.	3.6	28
11	The CH stretching first overtone triad of ketene. <i>Journal of Molecular Spectroscopy</i> , 2003, 219, 335-341.	1.2	3
12	Measurement and analysis of atomic and diatomic carbon spectra from laser ablation of graphite. <i>Applied Optics</i> , 2003, 42, 6192.	2.1	36
13	Anharmonicity in the Vibrational Spectra of C <sub>60</sub> and its Implications in Laboratory Spectroscopy and Astrophysics. , 2001, , 301-316.		1
14	Observation of the $\hat{1}/26 + \hat{1}/29$ Band of Ketene via Resonant Coriolis Interaction with $\hat{1}/28$ . <i>Journal of Molecular Spectroscopy</i> , 1999, 198, 376-380.	1.2	11
15	Computed low-temperature infrared band contours of C <sub>70</sub> . <i>Journal of Molecular Structure</i> , 1997, 436-437, 25-34.	3.6	4
16	Electronic states of ketene. <i>Journal of Chemical Physics</i> , 1996, 105, 1034-1045.	3.0	35
17	The numbers of anharmonic potential constants of the fullerenes and. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1996, 29, 5043-5048.	1.5	4
18	Gas-phase infrared emission spectra of C <sub>60</sub> and C <sub>70</sub> . Temperature-dependent studies. <i>Chemical Physics Letters</i> , 1994, 218, 295-303.	2.6	59

#	ARTICLE	IF	CITATIONS
19	The ground state constants of ketene. Journal of Molecular Spectroscopy, 1992, 156, 501-503.	1.2	35