

# Laszlo Mihaly

## List of Publications by Year in descending order

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19  
papers

1,671  
citations

840776

11  
h-index

996975

15  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1172  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of single-phase superconducting K <sub>3</sub> C <sub>60</sub> . Nature, 1991, 351, 632-634.	27.8	730
2	Lattice structure of the fullerene ferromagnet TDAE@C <sub>60</sub> . Nature, 1992, 355, 331-332.	27.8	311
3	Electronic properties of doped fullerenes. Reports on Progress in Physics, 2001, 64, 649-699.	20.1	217
4	Structure of Rb:C <sub>60</sub> compounds. Physical Review B, 1992, 45, 543-546.	3.2	113
5	Vibrational Assignment of All 46 Fundamentals of C <sub>60</sub> and C <sub>60</sub> : A Scaled Quantum Mechanical Results Performed in Redundant Internal Coordinates and Compared to Experiments. Journal of Physical Chemistry A, 2000, 104, 102-112.	2.5	86
6	Insulating and conducting phases of RbC <sub>60</sub> . Physical Review B, 1994, 49, 10818-10821.	3.2	63
7	Spin-Lattice Interaction in the Quasi-One-Dimensional Helimagnet LiCu <sub>2</sub> O <sub>2</sub> . Physical Review Letters, 2006, 97, 067206.	7.8	44
8	Energy Gap in Superconducting Fullerenes: Optical and Tunneling Studies. Physical Review Letters, 1996, 77, 4082-4085.	7.8	33
9	Polymeric alkali fullerenes are stable in air. Applied Physics Letters, 1995, 66, 1015-1017.	3.3	26
10	Crystal cages for clean coolers. Nature, 1998, 395, 839-841.	27.8	13
11	Infrared Spectroscopic Study of Phase Transitions in A <sub>1</sub> C <sub>60</sub> Compounds (A = Tl, Pb, Bi, K, Rb, Cs). Journal of Physical Chemistry B, 2001, 5, 1111-1118.	1.0	11
12	Photodiode Response in a CH <sub>3</sub> NH <sub>3</sub> Pb <sub>3</sub> CH <sub>3</sub> NH <sub>3</sub> Sn <sub>3</sub> Heterojunction. ACS Applied Materials & Interfaces, 2017, 9, 10198-10202.	8.0	10
13	INFRARED MEASUREMENTS OF POSSIBLE IR FILTER MATERIALS. Journal of Infrared, Millimeter and Terahertz Waves, 2007, 27, 835-846.	0.6	8
14	Motional diminishing of optical activity: a novel method for studying molecular dynamics in liquids and plastic crystals. Chemical Physics Letters, 1996, 255, 309-314.	2.6	3
15	Search for stripes in antiferromagnetic lightly hole-doped YBa <sub>2</sub> Cu <sub>3</sub> O <sub>6</sub> : An electron spin resonance and infrared transmission study. Physical Review B, 2007, 75, .	3.2	3
16	The Superconducting Energy Gap of Rb <sub>3</sub> C <sub>60</sub> as measured by IR Transmission in Thin Films. Materials Research Society Symposia Proceedings, 1994, 359, 295.	0.1	0
17	Low Energy Electrodynamics in Solids (LEES @ <sup>2</sup> ). Synchrotron Radiation News, 2003, 16, 20-23.	0.8	0
18	Fullerenes and Carbon Nanotubes. , 2008, , 1322-1330.		0

#	ARTICLE	IF	CITATIONS
19	Fullerenes and Carbon Nanotubes. , 2014, , 1493-1501.		0