

Prof. Dr. Istvan Hargittai

Prof. Dr. Magdolna Hargittai

Department of Inorganic and Analytical Chemistry
Budapest University of Technology and Economics
P.O.Box 91
H-1521 Budapest
Hungary

Telephone: (+36) 1 463-4051 (IH)
-3407 (MH)

Telefax: (+36) 1 463-4052
E-Mail: istvan.hargittai@gmail.com
hargittaim@mail.bme.hu

Homepage:

AlCl₃ AlCl₃	Aluminum trichloride monomer and dimer Comprehensive study of the structure of aluminum trihalides from electron diffraction and computation <i>Z. Varga, M. Kolonits, and M. Hargittai</i> Struct. Chem., 23 (2012), 879
C₈H₄N₂ p-C ₆ H ₄ (NC) ₂	p-Diisocyanobenzene Molecular structure from gas-phase electron diffraction and theoretical calculations and effects of intermolecular interactions in the crystal on the benzene ring geometry <i>A. R. Campanelli, A. Domenicano, F. Ramondo, and I. Hargittai</i> Struct. Chem., 23 (2012), 287
	Nobel Prize and structural chemistry II <i>B. Hargittai and I. Hargittai</i> Struct. Chem., 23 (2012), 1
	Quasicrystal Discovery—from NBS/NIST to Stockholm <i>B. Hargittai and I. Hargittai</i> Struct. Chem., 23 (2012), 301
	Book chapter "Martian Chemists and Characters" In: Characters in Chemistry, Edited by Gary D. Patterson <i>B. Hargittai and I. Hargittai</i> Washington, DC: American Chemical Society, in production
	Alkali halide/dysprosium halide complexes Molecular structure and vibrational spectra of mixed MDyX4 (M = Li, Na, K, Rb, Cs; X = F, Cl, Br, I) vapor complexes: A computational and matrix-isolation infrared spectroscopic study <i>C. P. Groen, A. Kovács, Z. Varga, and M. Hargittai</i> Inorg. Chem., 51 (2012), 543
	Book chapter Tivadar Huzella: Scientist and Humanitarian, In: E.A. Balazs, Gen. Ed., Hyaluronan: From Basic Sciencie to Clinical Applications, Volume 4 <i>E. A. Balazs and M. Hargittai</i> Edgewater, New Jersey: Matrix Biology Institute, 2012
	Book Huzella Tivadar: A humanista tudós <i>E. A. Balazs, M. Hargittai, and I. Hargittai eds.</i> Budapest: Typotex, 2012
	Ulf Lagerkvist and his Nobel histories <i>I. Hargittai</i> Struct. Chem., 23 (2012), 1663
	Review A Cold War Puzzle Persists

	<p><i>I. Hargittai</i> Physics World August, (2012), 44</p>
	<p>Aldo Domenicano and the structural chemistry of substituent effects: a personal tribute <i>I. Hargittai</i> Struct. Chem., 24 (2013), in press</p>
	<p>Book review E. Thomas Strom and Seth C. Rasmussen, Eds, 100+ Years of Plastics. Leo Baekeland and Beyond. ACS Symposium Series Volume 1080</p> <p><i>I. Hargittai</i> Struct. Chem., 23 (2012), 1659</p>
	<p>Comments Dreaming of the Bomb <i>I. Hargittai</i> Nature, 491 (2012), 670</p>
	<p>Book Ambíció és kiváncsiság <i>I. Hargittai</i> Budapest: Akadémiai Kiadó, 2012</p>
	<p>Book chapter Models–Experiment–Computation: A History of Ideas in Structural Chemistry, In: Practical Aspects of Computational Chemistry I: An Overview of the Last Two Decades and Current Trends. J. Leszczynski, M. K. Shukla, eds. <i>I. Hargittai</i> Springer, 2012, Chapter 1, pp 1-31</p>
	<p>Book chapter "Pioneering Quantum Chemistry in Concert with Experiment" In: Pioneers of Quantum Chemistry, Edited by E. Thomas Strom and Angela Wilson <i>I. Hargittai</i> Washington, DC: American Chemical Society, 2013, in production</p>
	<p>Book chapter "Nobel Prize." In: Encyclopedia of Global Studies, Eds. H. K. Anheier and M. Juergensmeyer. <i>I. Hargittai</i> Thousand Oaks, California, SAGE Publications, 3 (2012), 1245</p>
	<p>Book Buried Glory: Portraits of Soviet Scientists--Makers of a Superpower <i>I. Hargittai</i> New York: Oxford University Press, 2013, in production</p>
	<p>Professors Hargittai <i>M. Geethanjali, M. Hargittai, and I. Hargittai</i> Current Science, 102 (2012), 1626</p>
	<p>Credit where credit's due? <i>M. Hargittai</i> Physics World September, (2012), 38</p>
	<p>Tudós pálya női szemmel Indiában <i>M. Hargittai</i> Természet Világa, 143 (2012), 172</p>
	<p>Book chapter Polyhedral molecular geometries, In: Shaping Space: A Polyhedral Approach. 2nd Edition, M. Senechal, G. Fleck, eds. <i>M. Hargittai and I. Hargittai</i> Birkhäuser, 2013, Chapter 10., in press</p>
	<p>Book</p>

The VSEPR Model of Molecular Geometry (reprint edition, paperback)
R. J. Gillespie and I. Hargittai
Minola, New York: Dover Publications, 2012

Dimers of carbon group dihalides

Group 14 structural variations: perhalo derivatives of the “dimetallenes”: dicarbenes, disilenes, digermenes, distannenes, and diplumbenes

Z. Varga and M. Hargittai

Struct. Chem., **24** (2013) dx.doi.org/10.1007/s11224-012-0194-9