

Prof.dr.habil.ing. HARJA MARIA

24 books

- 13 courses in CNCSIS recognized publishing
- 2 book chapters in Environmental Chemistry
- 3 chapter of the book in the international publisher
- 1 course for students
- 2 laboratory guides (both first author) published in CNCSIS recognized publishing
- 1 laboratory guides published locally
- 2 laboratory guides published on the web

194 articles published

- 71 articles published in ISI journals
- 66 articles published in journals indexed in databases
- 36 articles published in journals indexed in databases (including 6 first author or author of correspondence)
- 49 articles published in proceedings of scientific meetings indexed in databases
- 145 works communicated or poster at national and international conferences
- 556 citations without self-citation in Scopus and 513 in Web of science

Hirsch index 17

25 Grants and Research contract, from which 6 as Director

- International Grant Programme Capacities 2 - Module III, bilateral cooperation and Leonardo daVinci "Launcing of Sector Alliance for Taining & Apprenticeship of Health Care and Food Supplements salespersons' H-CARE , 2014-2016; Erasmus+ project; 2019-2021 Horizon 2020 project
- National Grants 9
- 7 research contracts with companies (6 as director)

Scopus Author ID: 23004906900

<http://www.ch.tuiasi.ro/cv/ic/harjamarca/>

<https://www.mendeley.com/profiles/maria-harja/>

<http://orcid.org/0000-0003-0152-0748>

<https://publons.com/author/1212743/harja-maria#profile>

<http://www.researcherid.com/rid/P-3293-2017>

<https://sciprofiles.com/profile/391732>

Books

Harja M., Istrati L. and Smocot R., Technology of Inorganic Binder, CERMI Scientific Technique and Didactic Publishing House, Iasi, 2003, ISBN 973-667-004-x, 280 pages.

Harja M., Ciobanu M. G.; Inorganic Composite Materials; MATRIX ROM Publishing House, Bucharest, 2004, ISBN 973-685-701-8, 194 pages.

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Harja M, Balasanian I., Chemical Thermoenergetic, Ecozone Publishing House, Iasi, 2006, ISBN 973-7645-29-4, 269 pages.

Petrescu St., Harja M., Chemical Reactor for Eterogen Systems, Venus Publishing House, 2006, ISBN: 973-756-044-2; ISBN: 978-973-756-044-5, 294 pages.

Ciobanu M. G., Ghenghea L.D., Carja G., Harja M.; Advanced Materials – SAPO-n crystalline microporous zeolites; CERMI Publishing House, Iasi, 2006, ISBN-10 973-667-192-5; ISBN-13 978-973-667-192-0; 220 pages.

Rusu L., Harja M., Chemical and Biochemical Processes, I. Chemical Processes, Ed. PIM, Iași, 2007, p 321, ISBN 978-973-716-744-6 și ISBN 973-716-745-7.

Barbuta M., Harja M., Polymer concrete, Ed. Politehniun, Iași, 2009, p.186, ISBN 978-973-621-268-0.

Barbuta M., Gavrioloaie C, Harja M. Elements from polymeric concrete, Ed. Politehniun, Iași, 2009, p. 120, ISBN978-973-621-267-3

Harja M., Ciocîntă R.C, Synthesis and characterization of calcium carbonate used as filler in paper industry, Ed.Performantica, Iași, 2010, 175 p, ISBN 978-973-730-783-5

Harja M., Tataru Farmus R.-E., Modeling and Design of Chemical Reactors, Performantica, Iași, 2012, 126 p.

Harja M., Szep Al., Solid-fluid necatalitic process, Editura Ecozone, Iasi, ISBN 978-973-7645-95-1, 269 p, 2013

Barbuta M. and Harja M., Current topics, concepts and research priorities in environmental chemistry, Chapter 5 - Environmental changes caused by the building materials industry, Ed. Univ. Al. I. Cuza Iași, 2012, 109-124, ISBN 978-973-703-797-8 and 978-973-703-798-5 vol. I, p

Harja M. and Barbuta M., Current topics, concepts and research priorities in environmental chemistry, Chapter 3- Pollutants from power plants and its effect, Ed. Univ Al. I Cuza Iași, ISBN 978-973-703-797-8 (general) and 978-973-703-798-5 vol. II, 45-59, 2013

Harja M., Szep A., Lazar L. Apostolescu N. Engineering of Inorganic Products – Inorganic salts, Editura Ecozone, Iași, 2013, 209 p, ISBN 978-973-7645-93-7

Harja M., Cimpeanu S. M., Dirja M. and Bucur D., Materials Science » Metals and Nonmetals » "Zeolites - Useful Minerals", book edited by Claudia Belviso, Published: August 24, 2016 under CC BY 3.0 license. © Chapter 3 Synthesis of Zeolite from Fly Ash and their Use as Soil Amendment, DOI: 10.5772/64126

Tataru-Fărnuș R.-E., Harja M., Lazăr L., Apostolescu N., Engineering of Inorganic fertilizer – hand book, Iași, Ecozone, 2017, ISBN 978-606-8625-13-3, 263 p

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Kotova O., Ignatiev G., Shushkov A., Harja M., Broekmans M., Chapter • Jan 2020, Minerals: Structure, Properties, Methods of Investigation pp 101-107, Springer Proceedings in Earth and Environmental Sciences book series, DOI: 10.1007/978-3-030-00925-0_16, book: Complexity in Polish Phonotactics

Favier L, and Harja M., TiO₂/fly ash nanocomposite for photodegradation of persistent organic pollutant, , Handbook of Nanomaterials and Nanocomposites for Energy and Environmental Applications, Editors: Oxana Vasilievna Kharissova, Leticia Myriam Torres Martínez, Boris I. Kharisov, Springer International Publishing, Switzerland ISBN - 978-3-030-36269-0; eReference ISBN 978-3-030-36268-3; Print ISBN: 978-3-030-36267-6, pp. 1-24http://doi-org-443.webvpn.fjmu.edu.cn/10.1007/978-3-030-11155-7_11-2

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Articles – over 210

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