

List of published work – Dan Chicea

Articles published in ISI rated journals with impact factor

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 - 4 **PROCESE FIZICE NEOBIȘNUTE ÎN SISTEME METAL-IZOTOPI AI HIDROGENULUI**, Dan Chicea, Editura Universității "Lucian Blaga" din Sibiu, Aprilie 2000, ISBN 973-651-085-9, 130 pg.
 - 5 **APA – RESURSA FUNDAMENTALĂ A DEZVOLTĂRII DURABILE – VOLUMUL III – METODE ȘI TEHNICI NECONVENȚIONALE DE EPURARE ȘI TRATARE A APEI**, coordonator Letiția Oprean, EDITURA ACADEMIEI ROMÂNE, BUCUREȘTI, 2012, ISBN: 978-973-27-2269-5, CAPITOLUL 34 – CHICEA DAN, pg: 258-263
 - 6 **PROCESE NUCLEARE ÎN HIDRURI ȘI DEUTERURI METALICE**, Dan Chicea, Editura Universității "Lucian Blaga" din Sibiu, Decembrie 2017, ISBN 978-606-12-1506-5, 212 pg.
 - 7 **ÎNREGISTRAREA ȘI PRELUCRAREA SERIILOR TEMPORALE DE ÎMPRĂȘTIERIE DINAMICĂ A LUMINII**, Silviu Mihai Rei, Dan Chicea, Editura Universității "Lucian Blaga" din Sibiu, Decembrie 2018, ISBN 978-606-12-1580-5, 156 pg.
 - 8 **ÎMPRĂȘTIEREA LUMINII PE SISTEME DEZORDONATE CU APLICAȚII**, Dan Chicea, Editura Universității "Lucian Blaga" din Sibiu, 2019, ISBN 978-606-12-1715-1, 201 pg.

Books and Chapters in books published by International printing houses

- 1 **THE "KIT PROJECT" REPORT**, George H. Miley, (P.I.), Dan Chicea, Mike Williams, Andy Tate, Giovana Selvaggi, Maria Okuniewski, University of Illinois at Urbana-Champaign Press, November 1999, 99 pg.
- 2 **In: CONDENSED MATTER NUCLEAR SCIENCE**, Peter I. Hagelstein, Scott R. Chubb editors, Dash J. And Chicea D. Authors, pages: 463-474, WORLD SCIENTIFIC, 2004, ISBN 981-256-564-7, pg. 563-474 (chapter name: **EFFECTS OF HYDROGEN LOADING BY AQUEOUS ELECTROLYSIS ON RADIOACTIVITY OF URANIUM**)
- 3 **In: CONDENSED MATTER NUCLEAR SCIENCE**, Peter I. Hagelstein, Scott R. Chubb editors, Chicea D. Author, WORLD SCIENTIFIC, 2004, ISBN 981-256-564-7, pg. 475-482.
- 4 **IN: ENGINEERING MATERIALS** Volume 0, Part 6, 2010, Victor Bârsan and Alexandru Aldea editors, D. Chicea author, pages 331 – 350, DOI:10.1007/978-3-642-12070-1.
- 5 **SIMPLE TECHNIQUES FOR NANOPARTICLE SYNTHESIS AND CHARACTERIZATION**, Dan Chicea, Lambert Academic Publishing, ISBN 978-3-659-97709-1, 2016
- 6 **ARTIFICIAL NEURAL NETWORK ASSISTED DYNAMIC LIGHT SCATTERING**, Silviu Rei, Dan Chicea, Lambert Academic Publishing, ISBN 978-613-9-98054-3, 2018

Experience in Projects (Research and Educational)

NO.	Project name	Participated as:	Time
1	<i>AN IMPROVED ALGORITHM FOR EVENT TIMING</i> , NIKHEF Amsterdam, The Netherlands, TEMPUS mobility	Director	June 1-st 1993- August 31-st, 1993
2	<i>STUDII ASUPRA RADONULUI SI THORONULUI SIN SOL, AER, APA SI MATERIALE DE CONSTRUCȚIE: DOZIMETRE PERSONALE ȘI MĂSURĂTORI RETROSPECTIVE</i> , grant CNCSIS.	Team member	January 1-st, 1999- December 31-st, 2000
3	<i>THE "KIT" PROJECT</i> , Nuclear Engineering Dept., University of Illinois at Urbana Champaign, U.S.A.	Team member	July 15-th, 1999 – January 31-st, 2000
4	<i>STUDII ASUPRA CONCENTRAȚIEI DE METALE GRELE ȘI DE ELEMENTE RADIOACTIVE ÎN SOL ȘI APĂ FREATICĂ ȘI A ACUMULĂRII LOR ÎN PLANTE</i> , grant CNCSIS, Nr.18/2000.	Director	January 1-st, 2001 – December 31-st, 2003
5	<i>STUDIES ON NATURAL METALLIC URANIUM CHANGES PRODUCED BY HYDROGEN</i> , Portland State University, U.S.A.	Team member, responsible with nuclear radiation measurements	February 15-th 2003 –August 31- st, 2003
6	<i>TEHNOLOGII MODERNE NECONVENȚIONALE, CONFORME CU REGLEMENTĂRILE EUROPENE, DE EPURARE A APELOR UZATE ȘI TRATARE A NĂMOLULUI REZIDUAL ÎN SCOPUL REUTILIZĂRII ACESTUIA</i> , CEEEX, 2006-2008.	Team member	January 1-st, 2006- December 31-st, 2008
7	Armonizarea valențelor românești cu cele ale comunității europene, program POSDRU/CPP107/DML5/S/76851	Long time expert	January 1-st, 2010 – 30 Octombrie 2013
8	Proiectul POSDRU 159/1.5/S/133255, titlul Proiectului „Burse Universitare în România prin Sprijin European pentru doctoranzi și post-doctoranzi (BURSE DOC-POSTDOC)”	Responsible (for moitoring PhD students)	April 8-th, 2014 - October 30-th, 2015
9	H2020-2014-MSCA-NIGHT (Researchers' night 2014- 2015)	Key person	2014 - present
10	POSDRU/155/1.2/S/141894 - Dezvoltarea și consolidarea culturii calității la nivelul sistemului de învățământ superior românesc - QUALITAS” POSDRU/155/1.2/141894	Short time expert	2014-2015
11	SIDPOP “Instrument suport pentru luarea deciziilor în domeniul managementului poluanților organici persistenți – studiu de caz: Bazinul hidrografic Mureș”- ID 66243, finanțat prin EEA Grants, Programul RO04.	Responsible (for equipment selection)	2015-2016
12	JINR-RO 2018 04-4-1121-2015/2020 (JINR Dubna) Advanced structural and magnetic investigations on FeCo/Al ₂ O ₃ nanocomposites for novel soft magnetic materials for high frequency applications	Responsible for the Lucian Blaga University of Sibiu group	2018-2019
13	JINR-RO 2018 04-4-1121-2015/2020 (JINR Dubna)	Responsible for	2018-2019

	Co-based magnetic nanostructured material with potential space applications – synthesis and complex characterisation for novel soft magnetic materials for high frequency applications	the Lucian Blaga University of Sibiu group	
14	Lucian Blaga University of Sibiu Internal Research Grant LBUS-IRG-2015-1	Director	2015-2016
15	Lucian Blaga University of Sibiu Internal Research Grant LBUS-IRG-2016-2	Director	2016-2018
16	Lucian Blaga University of Sibiu Internal Research Grant LBUS-IRG-2017-3	Director	2017-2019
17	Lucian Blaga University of Sibiu Internal Research Grant LBUS-IRG-2018-4	Director	2018-2020
18	Lucian Blaga University of Sibiu Internal Research Grant LBUS-IRG-2019-5	Director	2019-2021

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