

Lista de cărți/Books

1. ***Teste de fizică***, Marin IORDAN, Marina OLARIU, Călin OROS, Gheorghe VLAICU, Editura Domino, Târgoviște, 1996, ISBN 973-97387-0-2, 72 pagini
2. ***Fizică moleculară și căldură. Manual pentru laborator***, Marin IORDAN, Călin OROS, Gheorghe VLAICU, Gabriel DIMA, Claudia STIHI, Daniela VLĂDESCU, Oana COMAN, Editura Domino, Târgoviște, 1998, ISBN 973-98078-2-8, 82 pagini
3. ***Mecanică și fizică acustică. Manual pentru laborator***, Marin IORDAN, Călin OROS, Gheorghe VLAICU, Gabriel DIMA, Claudia STIHI, Daniela VLĂDESCU, Oana COMAN, Editura Domino, Târgoviște, 1998, ISBN 973-98078-4-4, 99 pagini
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5. ***Utilizarea laserelor în prelucrarea materialelor metalice***, volumul 1, Călin OROS, Editura Macarie, 2002, ISBN 973-8135-80-X, 222 pagini
6. ***Originile fizicii cuantice***, Călin OROS, Editura Bibliotheca, Târgoviște, 2003, ISBN 973-8413-43-7, 153 pagini
7. ***Termodinamică și fizică statistică***, Călin OROS, Editura Bibliotheca, Târgoviște, 2004, ISBN 973-8413-80-X, 266 pagini
8. ***Molecular ferromagnetism in pyrolyzed organic phase***, în ***New trends in advanced materials***, Dedicated to the 70th Aniversary of Prof. Emil Burzo (editori: N.M. Avram, V. Pop, R. Tetean), Silviu JIPA, Wilhelm KAPPEL, Radu SETNESCU, Traian ZAHARESCU, Călin OROS, Editura Universității de Vest, Timișoara, 2005, ISBN: 973-7608-41-0, 4 pagini.
9. ***Electricitate și magnetism***, Călin OROS, Editura Bibliotheca, Târgoviște, 2007, ISBN 978-973-712-270-4, 322 pagini
10. ***Mecanică analitică. Teorie și probleme***, Călin OROS, Sergiu DINU, Editura Bibliotheca, Târgoviște, 2008, ISBN 978-973-712-384-8, 208 pagini
11. ***Optică geometrică și electromagnetică***, Călin OROS, Sergiu DINU, Editura Bibliotheca & Valahia University Press, Târgoviște, 2011, ISBN 978-606-603-006-9, 978-973-712-592-7, 322 pagini

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(*FI - factor de impact al revistei în anul în care a fost publicat articolul, **SIR - scor de infuiență relativ al revistei, ***SIA - scor de infuiență absolut al revistei, *C - număr de citări, **AC - număr de autocitați)

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4. *Chemiluminescence study on HALS antioxidant activity in LPDE*, Silviu JIPA, Traian ZAHARESCU, Radu SETNESCU, Laura Monica GORGHIU, Crinela DUMITRESCU, Călin OROS, ***Polymer Bulletin***, **57**, pp. 545-552, 2006, (FI: 0,969; SIR: 0,914; SIA: 0,326; C: 1)
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12. *Theoretical and Experimental Investigations on TiO₂ Surface Temperatures Induced by Excimer Laser*, Sergiu DINU, Călin OROS, Gabriel DIMA, Claudia STIHI, **Journal of Materials Science and Technology**, **15**, 1, pp. 31-42, 2007, (FI: 0,484; SIR: -; SIA: -; C: -)
13. *Electron spectroscopy studies of the diamond like carbonic thin films*, V. ANDREI, R. CRISTESCU, Gheorghe VLAICU, E. ANDREI, Călin OROS, Claudia STIHI, Gabriel DIMA, Sergiu DINU, **Journal of Optoelectronics and Advanced Materials**, **9**, 7, pp. 2288-2290, 2007, (FI: 0,827; SIR: 0,336; SIA: 0,112; C: 3; AC: 1)
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17. *Dielectric Properties of Gamma Irradiated PP/TiO₂ Nanocomposites*, Traian ZAHARESCU, Silviu JIPA, E.D. POPESCU, Călin OROS, **Materiale plastice**, **45**, 3, pp. 285-288, 2008, (FI: 0,873; SIR: -; SIA: -; C: 2)
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22. *The influence of near IR laser annealing on the magnetic properties Fe-Si sheet*, Marinela VOICU, Călin OROS, Sergiu DINU, **Optoelectronics and Advanced Materials - Rapid Communications**, **4**, 12, pp. 2044-2047, 2010, (FI: 0,451; SIR: 0,312; SIA: 0,077; C: -)
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2. *Some experimental results of mechanoluminescence induced by laser*, Călin OROS, **Romanian Journal of Physics**, **48**, 1-4, pp. 397-401, 2003
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Contracte de cercetare/ Research Projects

Nr. Crt.	Programul / Proiectul	Funcția	Perioada: de la...până la...	Valoarea pe întreaga perioadă care revine UVT
1	PNCDI - CERES, Mecanisme de interacție ale electronilor accelerati în ținte dielectrice, metalice și câmpuri electromagnetice	Director de proiect	11.10.2001-2004	75 000 000 ROL
2	CNCIS, tip A, Studii privind interacțiunea radiațiilor laser cu suprafețele metalice pentru valori ale intensității sub pragul producerii transformărilor de fază. Mecanoluminiscența produsă laser	Director de grant	17.08.2001-2004	221 300 000 ROL
3	PNCDI - CERES 3-114, Metodă de creștere a safirului bazată pe microstructura și microchimia interfeței în alfa aluminiu dopată cu pământuri rare (de la policristal la monocrystal) DOPAL	Membru	14.11.2003-2005	50 000 RON
4	PNCDI - CERES 4-214, Procese de interacție ion atom și ion suprafață la energii joase și intermediare - PIASENI	Responsabil etapă, 2005	12.11.2004-2006	75 000 RON
5	CEEX 71, Studii avansate asupra interacțiilor atomice folosind fascicule de ioni accelerati și neutroni- INTAFIN	Responsabil etapă, 2006	12.10.2005-2007	75 000 RON
6	CEEX 718, Retea de excelență pentru controlul calității mediului și reducerea impactului unor factori poluanți din zona centrală și de sud a României - EXMED	Membru	24.07.2006-2008	2 000 000 RON
7	Tehnici de înaltă precizie și sensibilitate aplicate în rețele de biomonitorizare a poluării mediului cu factori poluanți din zonele de dezvoltare de sud, sud-est și centrală ale României - TIPSARMER	Membru	2008-2011	2 000 000 RON

8	2017/04.08.2011 Primăria Târgoviște - Analiza sistemului de transport și distribuție a energiei termice la S.C.Termica S.A.	Director de proiect	15.06.2011-15.08.2011	41 800 RON
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