

Lista Publicații **ROXANA-MARIANA BEIU**

Web of Science ResearcherID: **H-4034-2016**

Publicații	2 cărți		
	12 articole de jurnal	3 ISI (IF = 1.637, IF = 3.307)	9 BDI
	25 conferințe	16 ISI	9 BDI
Prezentări	4		
Alte Conferințe	13		
Citări	45		
Cursuri	1	WSU: ME220	Mechanics of Materials
	6	UAV: EIM	Elemente de Inginerie Mecanica
		APTB	Automatizarea Proceselor Tehnologice si Biotehnologice
		APIA	Automatizarea Proceselor din Industria Alimentară
		MF	Mecanica Fluidelor
		IA	Informatica Aplicata
		GAC	Grafica Asistata de Calculator

WSU – Washington University, Pullman, WA, USA

UAV – Universitatea “Aurel Vlaicu” din Arad, Arad, Romania

Observație Pandelescu este numele de fată.

Teza de Doctorat

R.M. Beiu, *Contribuții teoretice și experimentale privind realizarea unei noi clase de senzori pentru evaluarea deformațiilor mecanice*, Universitatea „Politehnica” București, Noiembrie 2007.

2 Cărți

- B1 M.D. Pirzada, R.M. Beiu (eds.)
Proceedings of the Third Annual Mechanical Engineering Graduate Symposium
School of Mechanical and Materials Engineering, Washington State University
Pullman, WA, USA, Apr. 2003
- B2 R.M. Beiu
Inginerie Mecanică, Pas cu Pas (Statica: Analiza Sistemelor în Echilibru)
Ed. UAV Arad, ISBN, 978-973-752-816-2, June 2019

12 Articole în jurnale (6 ISI și 6 BDI)

- J1 R.M. Pandelescu
Fiber Optics Communication Systems
Journal of the Military Technical Academy, 7 pp., 1999 BDI
- J2 A.J. Foust, R.M. Beiu, D.M. Rector
Optimized Birefringence Changes During Isolated Nerve Activation
Applied Optics, vol. 44, no. 11, pp. 2008-2012, Apr. 2005 WOS:000228457800003
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- J3 C.D. Stănescu, R.M. Beiu
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- J4 R.M. Beiu, and C.D. Stănescu
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- J5 R.M. Beiu, and C.D. Stănescu
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- J6 R.M. Beiu, and C.D. Stănescu
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- J7 R.M. Beiu, C.D. Stănescu, and A. Cârstoiu
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http://www.scientificbulletin.upb.ro/rev_docs_arhiva/full83596.pdf
- J8 R.M. Beiu, V. Beiu, and V.-F. Duma
Fiber Optic Mechanical Deformation Sensors Employing Perpendicular Photonic Crystals
Optics Express, vol. 25, issue 19, pp. 23388-23398, 18 Sep. 2017 WOS:000411584600108
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- J9 M. Balas, J. Nikolic, R. Lile, M. Popa, R.M. Beiu,
Intelligent Rooftop Greenhouses and Green Skyline Cities
SWS Journal of EARTH & PLANETARY SCIENCES, vol. 1, issue 2, pp. 15-28, 2019.
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- J10 R.M. Beiu, D. G. Radu
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- J11 N. Pop, R.M. Beiu, P. Svera, C. Mnerie, G. Hutiu, V.-F. Duma
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- J12 M. Jianu, L. Daus, M. Nagy, R.-M. Beiu
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- C7 R.M. Beiu, C. Mnerie, V.-F. Duma,
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- C8 R.M. Beiu, V.-F. Duma, V. Beiu
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- C10 C. Marcauteanu, E.T. Stoica, F.E. Mitroi, C. Sinescu, M.L. Negrutiu, Gh. Hutiu, **R.-M. Beiu**, V.-F. Duma
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- C15. **R.-M. Beiu**, V. Beiu, V.-F. Duma
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- C16. M. Balas, J. Nikolic, R. Lile, M. Popa, **R.-M. Beiu**
Intelligent rooftop greenhouses and green skyline cities
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- C17. V. Beiu, V.-F. Dragoi, and **R.-M. Beiu**
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- C19. L. Daus, M. Jianu, **R.M. Beiu**, V. Beiu,
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- C20. **R.M. Beiu**, V.F. Dragoi, V. Beiu,
Hammocks and consecutive – Biology fine balancing,
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- C21. **R.M. Beiu**, S. Hoara, V. Beiu,
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- C22. **R. M. Beiu**, C. Mnerie, V. F. Duma, G. Dobre, A. Bradu, and A. Podoleanu,
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- C23. N. Pop, C. Mnerie, **R.M. Beiu**, V.F. Duma
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- C24. V. Beiu, S. Hoara, and R.-M. Beiu
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- C25. A.-C. Beiu, R.-M. Beiu, and V. Beiu
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4 Prezentări

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- P2 A.J. Foust, R.M. Beiu, D.M. Rector
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- P3 R.M. Beiu, M. Balas, V. Beiu
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- P4 R.-M. Beiu
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13 Alte Conferințe

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- O2 A. Vasile, R.M. Pandelescu
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- O3 M. Varga, R.M. Pandelescu
Using Fiber Optics for Transferring Images
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- O4 A. Vasile, R.M. Pandelescu
Infrared Detection Applied to Thermovision
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- O5 R.M. Pandelescu, A. Vâsc, C. Vasile
On Using Photographic and Video Equipment in Surveillance Activities
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- O6 R.M. Beiu
Embedded Sensor Enabled by Photonic Crystals
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- O7 R.M. Beiu, C.D. Richards, R.F. Richards, M.D. Fueller, D.F. Bahr, and D.M. Rector
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- O9 [R.-M. Beiu](#), C. Mnerie, N. Pop, V.-F. Duma
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J8 (ISI) R.M. Beiu, V. Beiu, V.-F. Duma
Fiber optic mechanical deformation sensors employing perpendicular photonic crystals
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C10 (ISI) R.M. Beiu, V. Beiu
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