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1. *Collagen's role in the cortical bone's behavior: a numerical approach*, **M. Racila,** J.M. Crolet, acceptat spre publicare in *Computer Methods in Biomechanics and Biomedical Engineering* (**ISI**)
2. *Human cortical bone: the SiNuPrOs model. Part II - a multi-scale study of permeability,* **Racila M.,** Stroe M.C., Crolet J.M., Computer Methods in Biomechanics and Biomedical Engineering, ISSN: 1025-5842, Vol. 13, Issue 1, pp. 81-89, **2010** (**ISI**) – *Premiat CNCSIS* in cadrul Programelor de Premiere (15 septembrie 2010)
   (IDS Number: 551PM; DOI: 10.1080/10255840903045037)
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3. *Decreasing of mechano transduction process with age*, J. M. Crolet, C. M. Stroe, **M. Racila**, Computer Methods in Biomechanics and Biomedical Engineering, ISSN: 1025-5842, Vol. 13, S 1, pp. 43-45, **2010** (**ISI**) (IDS Number: 646UE; DOI:10.1080/10255842.2010.491950)
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4. *Possible Explanation of Mechano-Transduction Process for Human Cortical Bone*, J.M. Crolet, M.C. Stroe, **M. Racila**, Journal of Biomechanics, ISSN: 0021-9290, Vol. 43, no. S1, pp. S59-S60, June **2010** (**ISI**)
   (http://www.jbiomech.com/issues/contents?issue_key=S0021-9290(10)X0008-2)
5. *Possible role of collagen in mechano transduction of cortical bone***,** J. M. Crolet, C. M. Stroe**, M. Racila,** Proceeding of the 4th European Conference on Computational Mechanics, Paris, France, 16-21 mai **2010** (pe CD)
6. *Rôle de la piézoélectricité du collagène dans la mécanotransduction osseuse. Approche numérique*, J.M. Crolet, M.C. Stroe, **M. Racila,** Bioreconstruction de l'os à la peau, Tome 2, ISBN 978-2-84023-705-1, pp. 43-54, Ed. Sauramp Médical**, 2010**
7. *Mechanotransduction in bone. Role of the piezoelectricity. Numerical approach***,** J.M. Crolet, M.C. Stroe**, M. Racila,** trimis spre publicare la *Journal of the Royal Society Interface*