

# Listă de Lucrări

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## 1. Open Access. Open Science.

- Scholar profile: <https://scholar.google.com/citations?user=1dPWQgsAAAAJ&hl=en>
- arXiv articles: [https://arxiv.org/a/buliga\\_m\\_1.html](https://arxiv.org/a/buliga_m_1.html)
- GitHub repositories:
  - chemlambda  
<https://github.com/chorasimilarity/chemlambda-gui>
  - needs  
<https://github.com/chorasimilarity/needs>
  - EM  
<https://github.com/mbuliga/em>
- Figshare articles and data repositories:  
[http://figshare.com/authors/Marius\\_Buliga/475484](http://figshare.com/authors/Marius_Buliga/475484)

## 2. Articles.

1. M. Buliga (2018): Chemlambda strings. figshare. Paper.  
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11. M. Buliga, Chemical concrete machine,  
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13. M. Buliga, Graphic lambda calculus, Complex Systems 22, 4 (2013), 311-360,  
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15. M. Buliga, A priori inequalities between energy release rate and energy concentration for 3D quasistatic brittle fracture propagation, Mathematics and Mechanics of Solids, **16** (2011), no. 3, 265-282 ,  
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16. M. Buliga, A characterization of sub-riemannian spaces as length dilation structures constructed via coherent projections, Commun. Math. Anal. **11** (2011), No. 2, 70-111,  
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17. M. Buliga, Infinitesimal affine geometry of metric spaces endowed with a dilatation structure, Houston Journal of Mathematics, **36** 1 (2010), 91-136,  
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18. M. Buliga, Braided spaces with dilations and sub-riemannian symmetric spaces. in: Geometry. Exploratory workshop on differential geometry and its applications, eds. D. Andrica, S. Moroianu, Cluj-Napoca (2011), 21-35,  
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49. M. Buliga, Local and global moves on locally planar trivalent graphs, lambda calculus and -Scale ,  
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