

LISTA DE LUCRARI STIINTIFICE

ANA-LOREDANA AGORE

0.1. Articole publicate in reviste cotate ISI.

[1] A.L. Agore, G. Militaru, **Jacobi and Poisson algebras**, 40 de pagini, va aparea in *J. Noncommutative Geom.*

<http://www.ems-ph.org/journals/forthcoming.php?jrn=jncg>

(**IF** 2014: 0.94; **AI**S 2014: 1.22)

[2] A.L. Agore, G. Militaru, **Classifying complements for groups. Applications**, 17 pagini, va aparea in *Ann. Inst. Fourier*.

http://aif.cedram.org/aif-bin/toappear/AIF_0__0_0_A25_0

(**IF** 2014: 0.66; **AI**S 2014: 1.3)

[3] A.L. Agore, G. Militaru, **Itô's theorem and metabelian Leibniz algebras**, 12 pagini, va aparea in *Linear Multilinear Algebra*, DOI:10.1080/03081087.2014.992771.

(**IF** 2014: 0.73; **AI**S 2014: 0.46)

[4] A.L. Agore, G. Militaru, **The global extension problem, crossed products and co-flag non-commutative Poisson algebras**, *J. Algebra* **426** (2015), 1–31.

(**IF** 2014: 0.59; **AI**S 2014: 0.78)

[5] A.L. Agore, **Free Poisson Hopf algebras generated by coalgebras**, *J. Math. Phys.* **10** (2014), 083502.

(**IF** 2014: 1.24; **AI**S 2014: 0.66)

[6] A.L. Agore, G. Militaru, **Bicrossed products, matched pair deformations and the factorization index for Lie algebras**, *Symmetry Integrability Geom. Methods Appl.* **10** (2014), 065, 16 pages.

(**IF** 2014: 1.24; **AI**S 2014: 0.73)

[7] A.L. Agore, G. Militaru, **Extending structures for Lie algebras**, *Monatsh. für Mathematik* **174** (2014), 169–193.

(**IF** 2014: 0.64; **AI**S 2014: 0.69)

⁰Articolele [1] si [2] sunt publicate in reviste situate in prima treime a listei domeniului Matematica ordonata dupa scorul AIS.

⁰Articolele [4], [7], [8], [10], [12], [14], [20], [21], [25] sunt publicate in reviste aflate in prima jumatate a listei domeniului Matematica ordonata dupa scorul AIS.

⁰Articolele [6] si [11] sunt publicate in reviste aflate in prima jumatate a listei domeniului Fizica Matematica ordonata dupa scorul AIS.

⁰IF = Impact Factor, AIS = Article Influence Scor

[8] A.L. Agore, G. Militaru, **Extending structures I: the level of groups**, *Algebr. Represent. Theory* **17** (2014), 831–848.

(**IF** 2014: 0.53; **AIS** 2014: 0.71)

[9] A.L. Agore, **Classifying complements for associative algebras**, *Linear Algebra Appl.* **446** (2014), 345–355.

(**IF** 2014: 0.93; **AIS** 2014: 0.59)

[10] A.L. Agore, S. Caenepeel, G. Militaru, **Braidings on the category of bimodules, Azumaya algebras and epimorphisms of rings**, *Appl. Cat. Structures* **22** (2014), 29–42.

(**IF** 2014: 0.68; **AIS** 2014: 0.75)

[11] A.L. Agore, G. Bontea, G. Militaru, **The classification of all crossed products $H_4\#k[C_n]$** , *Symmetry Integrability Geom. Methods Appl.* **10** (2014), 049, 12 pages.

(**IF** 2014: 1.24; **AIS** 2014: 0.73)

[12] A.L. Agore, G. Bontea, G. Militaru, **Classifying bicrossed products of Hopf algebras**, *Algebr. Represent. Theory* **17** (2014), 227–264.

(**IF** 2014: 0.53; **AIS** 2014: 0.71)

[13] A.L. Agore, G. Militaru, **Unified products for Leibniz algebras. Applications**, *Linear Algebra Appl.* **439** (2013), 2609–2633.

(**IF** 2014: 0.93; **AIS** 2014: 0.59)

[14] A.L. Agore, G. Militaru, **Classifying complements for Hopf algebras and Lie algebras**, *J. Algebra* **391** (2013), 193–208.

(**IF** 2014: 0.59; **AIS** 2014: 0.78)

[15] A.L. Agore, **Crossed product of Hopf algebras**, *Comm. Algebra* **40** (2013), 2519 – 2542.

(**IF** 2014: 0.38; **AIS** 2014: 0.41)

[16] A.L. Agore, G. Bontea, G. Militaru, **Classifying coalgebra split extensions of Hopf algebras**, *J. Algebra Appl.* **12** (2013), 1250227, 24 pages.

(**IF** 2014: 0.44; **AIS** 2014: 0.46)

[17] A.L. Agore, **Coquasitriangular structures for extensions of Hopf algebras. Applications**, *Glasgow Math. J.* **55** (2013), 201 – 215.

(**IF** 2014: 0.33; **AIS** 2014: 0.42)

[18] A.L. Agore, S. Caenepeel, G. Militaru, **The center of the category of bimodules and descent data for non-commutative rings**, *J. Algebra Appl.* **11** (2012), 1250102, 17 pages.

(**IF** 2014: 0.44; **AIS** 2014: 0.46)

[19] A.L. Agore, G. Militaru, **Schreier type theorems for bicrossed products**, *Cent. Eur. J. Math.* **2** (2012), 722–739.

(**IF** 2014: 0.57; **AIS** 2014: 0.46)

- [20] A.L. Agore, G. Militaru, **Extending structures II: The quantum version**, *J. Algebra* **336** (2011), 321–341.
(**IF** 2014: 0.59; **AIS** 2014: 0.78)
- [21] A.L. Agore, **Limits of coalgebras, bialgebras and Hopf algebras**, *Proc. Amer. Math. Soc.* **139** (2011), 855–863.
(**IF** 2014: 0.68; **AIS** 2014: 0.85)
- [22] A.L. Agore, **Categorical constructions for Hopf algebras**, *Comm. Algebra* **39** (2011), 1476–1481.
(**IF** 2014: 0.38; **AIS** 2014: 0.41)
- [23] A.L. Agore, D. Fratila, **Crossed product of cyclic groups**, *Czechoslovak Math. J.* **60** (2010), 889–901.
(**IF** 2014: 0.28; **AIS** 2014: 0.28)
- [24] A.L. Agore, **Monomorphisms of coalgebras**, *Colloq. Math.* **120** (2010), 149–155.
(**IF** 2014: 0.45; **AIS** 2014: 0.39)
- [25] A.L. Agore, A. Chirvasitu, B. Ion, G. Militaru **Bicrossed products for finite groups**, *Algebr. Represent. Theory* **12** (2009), 481–488.
(**IF** 2014: 0.53; **AIS** 2014: 0.71)
- [26] A.L. Agore, G. Militaru, **Crossed product of groups. Applications**, *Arab. J. Sci. Eng.* **33** (2008), 1–18.
(**IF** 2014: 0.36; **AIS** 2014: 0.12)

0.2. Articole publicate in proceedings-uri ale unor conferinte.

- [27] A.L. Agore, G. Militaru, **Unified products and split extensions of Hopf algebras**, *Contemporary Math. AMS* **585** (2013), 1 – 15.

0.3. Articole trimise spre publicare.

- [28] A.L. Agore, S. Caenepeel, G. Militaru, **The uniqueness of braidings on the monoidal category of non-commutative descent data**, 9 pages, preprint 2012, submitted.
- [29] A.L. Agore, G. Militaru, **The extending structures problem for algebras**, 34 pages, preprint 2013, submitted.
- [30] A.L. Agore, **Parabolic subalgebras of matrix algebras**, 6 pages, preprint 2014, submitted.
- [31] A.L. Agore, G. Militaru, **Hochschild products and global non-abelian cohomology for algebras. Applications**, 31 pages, preprint 2015, submitted.
- [32] A.L. Agore, G. Militaru, **Commutative Lie algebras I**, 24 pages, preprint 2015, submitted.
- [33] A.L. Agore, G. Militaru, **Galois groups and group actions on Lie algebras**, 22 pages, preprint 2015, submitted.

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ANA-LOREDANA AGORE

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Ana-Loredana Agore