

PROF. JUAN CARLOS ANGULO

Department of Atomic, Molecular and Nuclear Physics, and
Institute *Carlos I* of Theoretical and Computational Physics

University of Granada

E-18071 Granada (Spain)

Phone nr.: 34-958243218

Fax nr.: 34-958242862

E-mail: angulo@ugr.es

**ARTICLES IN INTERNATIONAL RESEARCH JOURNALS,
PROCEEDINGS AND CHAPTERS OF BOOKS**

(Updated: March 15, 2018)

**ARTICLES IN INTERNATIONAL RESEARCH JOURNALS,
PROCEEDINGS OF INTERNATIONAL MEETINGS
AND CHAPTERS OF BOOKS
(JUAN CARLOS ANGULO)**

PUBLICATIONS of J.C. ANGULO in JOURNALS

-
1. *Improved lower bounds for the atomic charge density at the nucleus.*
F.J. Gálvez, I. Porrás, **J.C. Angulo** and J.S. Dehesa.
Journal of Physics B: At. Mol. Opt. Phys. **21**, L271-L274 (1988).

 2. *Atomic-charge convexity and the electron density at the nucleus.*
J.C. Angulo, J.S. Dehesa and F.J. Gálvez.
Physical Review A **42**, 641-644 (1990); erratum **43**, 4069-4070 (1991).

 3. *Atomic-charge log-convexity and radial expectation values.*
J.C. Angulo and J.S. Dehesa.
Journal of Physics B: At. Mol. Opt. Phys. **24**, L299-L306 (1991).

 4. *Atomic systems with a completely monotonic electron density.*
J.C. Angulo and J.S. Dehesa.
Physical Review A **44**, 1516-1522 (1991).

 5. *New bounds for the atomic charge and momentum densities at the origin.*
J.C. Angulo, J.S. Dehesa and F.J. Gálvez.
Zeitschrift für Physik D - Atoms, Molecules and Clusters **18**, 127-130 (1991).

 6. *Tight rigorous bounds to atomic information entropies.*
J.C. Angulo and J.S. Dehesa.
Journal of Chemical Physics **97**, 6485-6495 (1992); erratum **98**, 1 (1993).
-

PUBLICATIONS of J.C. ANGULO in JOURNALS

7. *The electron-pair density of atomic systems. Rigorous bounds and application to helium.*
J.S. Dehesa, **J.C. Angulo** and T. Koga.
Zeitschrift für Physik D - Atoms, Molecules and Clusters **25**, 3-8 (1992).

8. *Study of some interelectronic properties in helium-like atoms.*
J.S. Dehesa, **J.C. Angulo**, T. Koga and K. Matsui.
Zeitschrift für Physik D - Atoms, Molecules and Clusters **25**, 9-16 (1992).

9. *Uncertainty relationships in many-body systems.*
J.C. Angulo.
Journal of Physics A: Math. Gen. **26**, 6493-6497 (1993).

10. *Rigorous bounds to the atomic ionization potential.*
J.C. Angulo, J. Antolín and A. Zarzo.
Journal of Physics B: At. Mol. Opt. Phys. **26**, L431-L435 (1993).

11. *A study of the atomic momentum density by means of radial expectation values.*
A. Zarzo, **J.C. Angulo** and J. Antolín.
Journal of Physics B: At. Mol. Opt. Phys. **26**, 4663-4669 (1993).

12. *Bounds to the central electron-pair density with applications to two-electron atoms.*
J.S. Dehesa, **J.C. Angulo**, T. Koga and K. Matsui.
Physical Review A **47**, 5202-5205 (1993).

PUBLICATIONS of J.C. ANGULO in JOURNALS

13. *Interelectronic moments of atomic systems.*
J.S. Dehesa, **J.C. Angulo**, T. Koga and Y. Kasai.
Physical Review A **48**, 832-835 (1993).
-
14. *Electron-pair logarithmic convexity and interelectronic moments in atoms: application to heliumlike ions.*
T. Koga, Y. Kasai, J.S. Dehesa and **J.C. Angulo**.
Physical Review A **48**, 2457-2460 (1993).
-
15. *Upper and lower bounds on the radial electron density in atoms.*
J. Antolín, A. Zarzo and **J.C. Angulo**.
Physical Review A **48**, 4149-4155 (1993).
-
16. *Momentum unimodality effects in atomic systems.*
J.C. Angulo.
Physical Review A **48**, 4768-4770 (1993).
-
17. *Charge monotonicity of atomic systems and radial expectation values.*
J.C. Angulo and J.S. Dehesa.
Zeitschrift für Physik D - Atoms, Molecules and Clusters **25**, 287-293 (1993).
-
18. *Compton profiles and momentum space inequalities.*
J.C. Angulo, J. Antolín and A. Zarzo.
Zeitschrift für Physik D - Atoms, Molecules and Clusters **28**, 269-273 (1993).
-

PUBLICATIONS of J.C. ANGULO in JOURNALS

19. *Electron-electron coalescence and interelectronic log-moments in atomic systems.*
T. Koga, **J.C. Angulo** and J.S. Dehesa.
Proceedings of the Indian Academy of Sciences (Chemical Sciences)
106, 123-131 (1994).
-
20. *Nonconvexity of the atomic charge density and shell structure.*
J.C. Angulo, H. Schmider, R.P. Sagar and V.H. Smith, Jr.
Physical Review A **49**, 726-728 (1994).
-
21. *Maximum-entropy analysis of the electron-pair density in many-electron systems.*
J. Antolín, A. Zarzo and **J.C. Angulo**.
Physical Review A **50**, 240-246 (1994).
-
22. *Validity of the extended electron-electron cusp condition.*
K. Burke, **J.C. Angulo** and J.P. Perdew.
Physical Review A **50**, 297-304 (1994).
-
23. *Information entropy and uncertainty in D-dimensional many-body systems.*
J.C. Angulo.
Physical Review A **50**, 311-313 (1994).
-
24. *Bounds to some local electron-pair properties with application to two-electron ions.*
J.S. Dehesa, **J.C. Angulo**, T. Koga and Y. Kasai.
Physical Review A **50**, 857-860 (1994).
-

PUBLICATIONS of J.C. ANGULO in JOURNALS

25. *Information entropies of many-electron systems.*
R.J. Yáñez, **J.C. Angulo** and J.S. Dehesa.
International Journal of Quantum Chemistry **56**, 489-498 (1995).
-
26. *Maximum-entropy analysis of atomic Compton profiles.*
J.C. Angulo, R.J. Yáñez, J. Antolín and A. Zarzo.
International Journal of Quantum Chemistry **56**, 747-752 (1995).
-
27. *Monotonicity properties of the atomic charge density function.*
J.C. Angulo, R.J. Yáñez, J.S. Dehesa and E. Romera.
International Journal of Quantum Chemistry **58**, 11-21 (1996).
-
28. *Reciprocal form factors from momentum density magnitudes.*
J. Antolín, J.C. Cuchí, A. Zarzo and **J.C. Angulo**.
Journal of Physics B: At. Mol. Opt. Phys. **29**, 5629-5635 (1996).
-
29. *Maximum-entropy analysis of one-particle densities in atoms.*
A. Zarzo, **J.C. Angulo**, J. Antolín and R.J. Yáñez.
Zeitschrift für Physik D **37**, 295-299 (1996).
-
30. *Maximum-entropy analysis of momentum densities in diatomic molecules.*
J. Antolín, A. Zarzo, **J.C. Angulo** and J.C. Cuchí.
International Journal of Quantum Chemistry **61**, 77-83 (1997).
-
31. *Tight approximations to total scattering intensities from electron-pair density quantities.*
J.C. Cuchí, J. Antolín, A. Zarzo, and **J.C. Angulo**.
Physics Letters A **230**, 324-329 (1997).
-

PUBLICATIONS of J.C. ANGULO in JOURNALS

32. *Maximum-entropy and Padé-like approximations to atomic scattering factors.*
A. Zarzo, **J.C. Angulo**, J.C. Cuchí and J. Antolín.
Zeitschrift für Physik D **41**, 175-179 (1997).
-
33. *Maximum-entropy technique with logarithmic constraints: estimation of atomic radial densities.*
J.C. Angulo, J. Antolín, A. Zarzo and J.C. Cuchí.
European Physical Journal D **7**, 479-485 (1999).
-
34. *Improved upper bounds for the atomic ionization potential.*
J.C. Angulo and E. Romera.
International Journal of Quantum Chemistry **71**, 185-189 (1999); erratum **73**, 519 (1999).
-
35. *Minimum-cross-entropy estimation of atomic charge densities from scattering factors.*
J. Antolín, J.C. Cuchí and **J.C. Angulo**.
Journal of Physics B: At. Mol. Opt. Phys. **32**, 577-586 (1999).
-
36. *Minimum-cross-entropy estimation of electron-pair densities from scattering intensities.*
J. Antolín, J.C. Cuchí and **J.C. Angulo**.
Physics Letters A **260**, 247-252 (1999).
-
37. *Fisher entropy and uncertaintylike relationships in many-body systems.*
E. Romera, **J.C. Angulo** and J.S. Dehesa.
Physical Review A **59**, 4064-4067 (1999).
-

PUBLICATIONS of J.C. ANGULO in JOURNALS

38. *Upper bounds to atomic electron densities in position and momentum spaces.*
E. Romera, T. Koga, **J.C. Angulo** and J.S. Dehesa.
Journal of Mathematical Chemistry **28**, 341-351 (2000).
-
39. *Inverse atomic densities and inequalities among density functionals.*
J.C. Angulo, E. Romera and J.S. Dehesa.
Journal of Mathematical Physics **41**, 7906-7917 (2000).
-
40. *On the non-convexity of charge densities in atoms and ions.*
J.C. Angulo, T. Koga, E. Romera and J.S. Dehesa.
Journal of Molecular Structure (Theochem) **501-502**, 177-182 (2000).
-
41. *The Hausdorff entropic moment problem.*
E. Romera, **J.C. Angulo** and J.S. Dehesa.
Journal of Mathematical Physics **42**, 2309-2314 (2001); erratum **44**, 1 (2003).
-
42. *Minimum cross-entropy estimation of internally folded densities from Compton profiles.*
J. Antolín, J.C. Cuchí and **J.C. Angulo**.
International Journal of Quantum Chemistry **87**, 214-219 (2002).
-
43. *Reconstruction of atomic effective potentials from isotropic scattering factors.*
E. Romera, J.J. Torres and **J.C. Angulo**.
Physical Review A **65**, 024502(1-4) (2002).
-

PUBLICATIONS of J.C. ANGULO in JOURNALS

44. *Structural properties of reciprocal form factors in neutral atoms and singly charged ions.*
E. Romera and **J.C. Angulo**.
Journal of Chemical Physics **120**, 7369-7373 (2004).
-
45. *Bare Coulomb Field and atomic reciprocal form factor.*
J.C. Angulo and E. Romera.
International Journal of Quantum Chemistry **106**, 485-489 (2006).
-
46. *Atomic quantum similarity indices in position and momentum spaces.*
J.C. Angulo and J. Antolín.
Journal of Chemical Physics **126**, 044106(1-5) (2007).
-
47. *Fisher-Shannon analysis of ionization processes and isoelectronic series.*
K.D. Sen, J. Antolín and **J.C. Angulo**.
Physical Review A **76**, 032502(1-7) (2007).
-
48. *Quantum similarity indices for atomic ionization processes.*
J. Antolín and **J.C. Angulo**.
European Physical Journal D **46**, 21-26 (2008).
-
49. *Existence conditions and spreading properties of extreme entropy D-dimensional distributions.*
S. López-Rosa, **J.C. Angulo**, J.S. Dehesa and R.J. Yáñez.
Physica A **387**, 2243-2255 (2008); erratum **387**, 4729-4730 (2008).
-

PUBLICATIONS of J.C. ANGULO in JOURNALS

50. *Fisher-Shannon plane and statistical complexity of atoms.*
J.C. Angulo, J. Antolín and K.D. Sen.
Physics Letters A **372**, 670-674 (2008).
-
51. *Atomic complexity measures in position and momentum spaces.*
J.C. Angulo and J. Antolín.
Journal of Chemical Physics **128**, 164109(1-7) (2008).
-
52. *Complexity analysis of ionization processes and isoelectronic series.*
J. Antolín and **J.C. Angulo**.
International Journal of Quantum Chemistry **109**, 586-593 (2009).
-
53. *Spreading measures of information-extremizer distributions: applications to atomic electron densities in position and momentum spaces.*
S. López-Rosa, **J.C. Angulo** and J.S. Dehesa.
European Physical Journal D **51**, 321-329 (2009).
-
54. *Fisher and Jensen-Shannon Divergences: quantitative comparisons among distributions. Application to position and momentum atomic densities.*
J. Antolín, **J.C. Angulo** and S. López-Rosa.
Journal of Chemical Physics **130**, 074110(1-8) (2009).
-
55. *Rigorous properties and uncertainty-like relationships on product-complexity measures: application to atomic systems.*
S. López-Rosa, **J.C. Angulo** and J. Antolín.
Physica A **388**, 2081-2091 (2009).
-

PUBLICATIONS of J.C. ANGULO in JOURNALS

56. *Theoretic-information entropies analysis of nanostructures: ab initio study of PAMAM precursors and dendrimers G0 to G3.*
R.O. Esquivel, N. Flores-Gallegos, E. Carrera, J.S. Dehesa, **J.C. Angulo**, J. Antolín and C. Soriano-Correa.
Molecular Simulation **35**, 498-511 (2009).
-
57. *Renyi complexities and information planes: atomic structure in conjugated spaces.*
J. Antolín, S. López-Rosa and **J.C. Angulo**.
Chemical Physics Letters **474**, 233-237 (2009).
-
58. *Divergence analysis of atomic ionization processes and isoelectronic series.*
S. López-Rosa, J. Antolín, **J.C. Angulo** and R.O. Esquivel.
Physical Review A **80**, 012505(1-9) (2009).
-
59. *Phenomenological description of the transition state, and the bond breaking and bond forming processes of selected elementary chemical reactions: an information-theoretic study.*
R.O. Esquivel, N. Flores-Gallegos, C. Iuga, E. Carrera, **J.C. Angulo** and J. Antolín.
Theoretical Chemistry Accounts **124**, 445-460 (2009).
-
60. *Jensen-Shannon Divergence in conjugated spaces: entropy excess of atomic systems and sets with respect to their constituents.*
J.C. Angulo, J. Antolín, S. López-Rosa and R.O. Esquivel.
Physica A **389**, 899-907 (2010).
-

PUBLICATIONS of J.C. ANGULO in JOURNALS

61. *Fisher information study in position and momentum spaces for elementary chemical reactions.*
S. López-Rosa, R.O. Esquivel, **J.C. Angulo**, J. Antolín, J.S. Dehesa and N. Flores-Gallegos.
Journal of Chemical Theory and Computation **6**, 145-154 (2010).
-
62. *Phenomenological description of selected elementary chemical reaction mechanisms: an information-theoretic study.*
R.O. Esquivel, N. Flores-Gallegos, C. Iuga, E. Carrera, **J.C. Angulo** and J. Antolín.
Physics Letters A **374**, 948-951 (2010).
-
63. *Jensen-Tsallis divergence and atomic dissimilarity for position and momentum space electron densities.*
J. Antolín, S. López-Rosa, **J.C. Angulo** and R.O. Esquivel.
Journal of Chemical Physics **132**, 044105(1-7) (2010).
Selected for the Virtual Journal of Quantum Information, Vol. 10, issue 2 (February 2010).
-
64. *Phenomenological description of a three center insertion reaction: an information-theoretic study.*
R.O. Esquivel, N. Flores-Gallegos, J.S. Dehesa, **J.C. Angulo**, J. Antolín, S. López-Rosa and K.D. Sen.
Journal of Physical Chemistry A **114**, 1906-1916 (2010).
-
65. *Analysis of complexity measures and information planes of selected molecules in position and momentum spaces.*
R.O. Esquivel, **J.C. Angulo**, J. Antolín, J.S. Dehesa, S. López-Rosa and N. Flores-Gallegos.
Physical Chemistry Chemical Physics **12**, 7108-7116 (2010).
-

PUBLICATIONS of J.C. ANGULO in JOURNALS

66. *Effect of the interelectronic repulsion on the information content of position and momentum atomic densities.*
J.C. Angulo, S. López-Rosa and J. Antolín.
International Journal of Quantum Chemistry **110**, 1738-1747 (2010).
-
67. *Generalized Jensen divergence of atomic electron densities in conjugated spaces.*
J.C. Angulo, S. López-Rosa, J. Antolín and R.O. Esquivel.
International Journal of Quantum Chemistry **111**, 297-306 (2011).
-
68. *Jensen-Tsallis divergence and atomic dissimilarity for ionized systems in conjugated spaces.*
J.C. Angulo, J. Antolín, S. López-Rosa and R.O. Esquivel.
Physica A **390**, 769-780 (2011).
-
69. *Entropy and complexity analysis of Dirac-delta-like quantum potentials.*
P.A. Bouvrie, **J.C. Angulo** and J.S. Dehesa.
Physica A **390**, 2215-2228 (2011).
-
70. *Generalized quantum similarity index: applications in atoms.*
P.A. Bouvrie, J. Antolín and **J.C. Angulo**.
Chemical Physics Letters 506, 326-331 (2011).
-
71. *Fisher information and steric effect: a study of the internal rotation barrier of Ethane.*
R.O. Esquivel, S. Liu, **J.C. Angulo**, J.S. Dehesa, J. Antolín and M. Molina-Espíritu.
Journal of Physical Chemistry A **115**, 4406-4415 (2011).
-

PUBLICATIONS of J.C. ANGULO in JOURNALS

72. *Generalized position-momentum uncertainty products: inclusion of moments with negative order. Application in atoms.*
J.C. Angulo.
Physical Review A **83**, 062102 (2011).
-
73. *Information-theoretical complexity for the hydrogenic abstraction reaction.*
R.O. Esquivel, M. Molina-Espíritu. **J.C. Angulo**, J. Antolín, N. Flores-Gallegos and J.S. Dehesa.
Molecular Physics **109**, 2353-2365 (2011).
-
74. *Quantum entanglement and the dissociation process of diatomic molecules.*
R.O. Esquivel, N. Flores-Gallegos, M. Molina-Espíritu. A.R. Plastino, J.C. Angulo, J. Antolín and J.S. Dehesa.
Journal of Physics B **44**, 175101 (2011).
-
75. *Geometric Rényi divergence: A comparative measure with applications to atomic densities.*
J. Antolín, P.A. Bouvrie and J.C. Angulo.
Physical Review A **84**, 032504 (2011).
-
76. *Uncertainty inequalities among frequency moments and radial expectation values: applications to atomic systems.*
J.C. Angulo, P.A. Bouvrie and J. Antolín.
Journal of Mathematical Physics **53**, 043512 (2012).
-

PUBLICATIONS of J.C. ANGULO in JOURNALS

77. *Information-theoretical complexity for the hydrogenic abstraction reaction.*
M. Molina-Espíritu, R.O. Esquivel, J.C. Angulo, J. Antolín and J.S. Dehesa.
Journal of Mathematical Chemistry **50**, 1882-1900 (2012).
-
78. *A generalized relative complexity: application to atomic one-particle densities.*
P.A. Bouvrie, J.C. Angulo and J. Antolín.
Chemical Physics Letters **539**, 191-196 (2012).
-
79. *Concurrent phenomena at the transition region of selected elementary chemical reactions: an information-theoretical complexity analysis.*
R.O. Esquivel, M. Molina-Espíritu, J.S. Dehesa, J.C. Angulo and J. Antolín.
International Journal of Quantum Chemistry **112**, 3578-3588 (2012).
-
80. *Fisher-like atomic divergences: Mathematical grounds and physical applications.*
A.L. Martín, J.C. Angulo and J. Antolín.
Physica A **392**, 5552-5563 (2013).
-
81. *Concurrent phenomena at the reaction path of the S_N2 reaction $CH_3Cl + F^-$. Information planes and statistical complexity analysis.*
M. Molina-Espíritu, R.O. Esquivel, J.C. Angulo and J.S. Dehesa.
Entropy **15**, 4084-4104 (2013).
-

PUBLICATIONS of J.C. ANGULO in JOURNALS

82. *Information-theoretical analysis for the SN2 exchange reaction CH₃I + F⁻.*
M. Molina-Espíritu, R.O. Esquivel, J.C. Angulo, J. Antolín, C. Iuga and J.S. Dehesa.
International Journal of Quantum Chemistry **113**, 2589-2599 (2013).
-
83. *A generalized complexity measure based on Rnyi entropy.*
P. Sánchez-Moreno, J.C. Angulo and J.S. Dehesa.
European Physical Journal D **68**, 212 (2014).
-
84. *Insight into the informational-structure behavior of the Diels-Alder reaction of cyclopentadiene and maleic anhydride.*
M. Molina-Espíritu, R.O. Esquivel, M. Kohout, J.C. Angulo, J.A. Dobado, J.S. Dehesa, S. López-Rosa and C. Soriano-Correa.
Journal of Molecular Modeling **20**, 2361 (2014).
-
85. *Relativistic global and local divergences in hydrogenic systems: A study in position and momentum spaces.*
J. Antolín, J.C. Angulo, S. Mulas and S. López-Rosa.
Physical Review A **90**, 042511 (2014).
-
86. *Jensen-Shannon and Kullback-Leibler divergences as quantifiers of relativistic effects in neutral atoms.*
A.L. Martín, S. López-Rosa, J.C. Angulo and J. Antolín.
Chemical Physics Letters **635**, 75-79 (2015); erratum **642**, 43 (2015).
-

PUBLICATIONS of J.C. ANGULO in JOURNALS

87. *Information-theoretic space from simple atomic and molecular systems to biological and pharmacological molecules.*

R.O. Esquivel, S. López-Rosa, M. Molina-Espíritu, J.C. Angulo and J.S. Dehesa.

Theoretical Chemistry Accounts **135**, 253 (2016).

88. *Generalized quantum similarity in atomic systems: A quantifier of relativistic effects.*

A.L. Martín, J.C. Angulo, J. Antolín and S. López-Rosa.

Physica A **467**, 315-325 (2017).

89. *An application of information theory to stochastic classical gravitational fields.*

J. Angulo, J.C. Angulo and J.M. Angulo.

Physica A **499**, 129-141 (2018).

PUBLICATIONS of J.C. ANGULO in PROCEEDINGS and BOOKS

1. *Second order magnetic properties of many-electron systems.*
J.S. Dehesa, **J.C. Angulo**, R.J. Yáñez and E. Romera.
Proceedings of the '8th International Congress on Quantum Chemistry'
(Prague, Czech Republic, June 18-24, 1994), ISBN 0259-9791, Vol. 15.

2. *Novel atomic charge monotonicity properties.*
J.C. Angulo, J.S. Dehesa, R.J. Yáñez and E. Romera.
Proceedings of the '8th International Congress on Quantum Chemistry'
(Prague, Czech Republic, June 18-24, 1994), ISBN 0259-9791, Vol. 15.

3. *Reconstruction of a density from its entropic moments.*
E. Romera, **J.C. Angulo** and J.S. Dehesa.
Proceedings of the '21st International Workshop on Bayesian Inference
and Maximum Entropy Methods in Science and Engineering' (Balti-
more, USA, August 4-9, 2001), ISBN 0-7354-0063-6, Vol. 617, pp.
449-457 (2002).

4. *The reciprocal form factor of many-electron systems.*
J.C. Angulo.
Advances in Computational Methods in Sciences and Engineering (Pro-
ceedings of the 'International Conference of Computational Methods
in Science and Engineering', Loutraki, Greece, October 21-26, 2005),
ISBN 90-6764-443-9, Vol. 4B, pp. 1197-1200.

PUBLICATIONS of J.C. ANGULO in PROCEEDINGS and BOOKS

5. *Information planes and complexity measures for atomic systems, ionization processes and isoelectronic series.*

J.C. Angulo and J. Antolín.

Progress in Theoretical Chemistry and Physics (Proceedings of the '13th International Workshop on Quantum Systems in Chemistry and Physics', East Lansing, Michigan, USA, July 6-12, 2008), ISBN 978-90-481-2595-1, Vol. 19, pp. 417-434 (2009).

6. *Atomic and molecular complexities: their physical and chemical interpretations.*

J.C. Angulo, J. Antolín and R.O. Esquivel.

Chapter in the monograph 'Statistical Complexity: Applications in Electronic Structure', ed. K.D. Sen (Springer, London, 2011), pp. 167-213. ISBN: 978-90-481-3889-0.

7. *Quantum information-theoretical analyses of systems and processes of chemical and nanotechnological interest.*

R.O. Esquivel, E.M. Carrera, C. Iuga, M. Molina-Espíritu, J.C. Angulo, J.S. Dehesa, S. López-Rosa, J. Antolín and C. Soriano Correa. Chapter in 'Some Applications of Quantum Mechanics' (Vol. 3) (Intech, Rijeka, 2012), pp. 297-334. ISBN: 979-953-51-0059-1.

PUBLICATIONS of J.C. ANGULO in PROCEEDINGS and BOOKS

8. *Recent advances towards the nascent science of quantum information chemistry.*

R.O. Esquivel, J.C. Angulo, J.S. Dehesa, J. Antolín, S. López-Rosa, N. Flores-Gallegos, M. Molina-Espíritu and C. Iuga.

Chapter in 'Information Theory: New Research' (Nova Science Publishers, Inc., New York, 2012), pp. 1-71. ISBN: 978-1-62100-395-3.
