

Publications

Mura S, Stagi L, Malfatti L, Carbonaro C.M, **Ludmerczki R**, Plinio Innocenzi P,
Modulating the Optical Properties of Citrazinic Acid through the Monomer-to-Dimer
Transformation

Journal of Physical Chemistry A, **2020**, *124*, 197-203

DOI: 10.1021/acs.jpca.9b10884

Ludmerczki R, Mura S, Carbonaro C.M, Mandity I.M, Carraro M, Senes N, Garroni S,
Granozzi G, Calvillo L, Marras S, Malfatti L, Innocenzi P,

Carbon Dots from Citric Acid and its Intermediates Formed by Thermal Decomposition
Chemistry–A European Journal, **2019**, *25*, 11963-11974

DOI: 10.1002/chem.201902497

Szabó Z.I, **Ludmerczki R**, Fiser B, Noszál B, Tóth G,

Chiral separation of rasagiline using sulfobutylether- β -cyclodextrin: capillary electrophoresis,
NMR and molecular modeling study

Electrophoresis, **2019**, *40*, 1897–1903

DOI 10.1002/elps.201800482

Szabó Z.I, Gál R, Szócs L, **Ludmerczki R**, Muntean D. L, Noszál B, Tóth G,

Validated capillary electrophoretic method for the enantiomeric quality control of *R*-
praziquantel,

Electrophoresis, **2017**, *38*, 1886-1894

DOI: 10.1002/elps.201600492

Payrits M, Sággy É, Mátyus P, Czompa A, **Ludmerczki R**, Deme R, Sándor Z, Helyes Z,
Szóke É,

A novel 3-(4,5-diphenyl-1,3-oxazol-2-yl)propanal oxime compound is a potent Transient
Receptor Potential Ankyrin 1 and Vanilloid 1 (TRPA1 and V1) receptor antagonist

Neuroscience, **2016**, *324*, 151-162.

DOI: 10.1016/j.neuroscience.2016.02.049

Conferences and summer schools

International Summer School on Hybrid (bio) Nanostructures (HyNano)

3-7 September 2019

Alghero, Italy

20th International Sol-Gel Conference

25-30 August, 2019

Saint Petersburg, Russia

Silica-coated carbon dots in titania-based photocatalysts for water decontamination (poster)

47th World Chemistry Congress of IUPAC

7-12 July 2019

Paris, France

Evolution of carbon dots from citric acid in a simple pyrolysis process (poster)

La Parola ai Giovani 2018

5 December 2018

Sassari, Italy

Synthesis of strongly fluorescent carbon dots (oral)

6th ISGS Summer School

16-19 September 2018

Alghero, Italy

Synthesis of strongly fluorescent carbon dots (poster)

Advanced School in Nanomedicine

25-28 September 2017

Pula, Italy

Materials for Industry International Summer School

18-22 September 2017

Brescia, Italy

Brescia, 20th January 2018