

References

- [1] Mattia Bartoli, Luca Rosi, Giorgio Petrucci, and Marco Frediani. Catalytic performances of platinum containing p_lla macrocomplex in the hydrogenation of :alpha;-, :beta;-unsaturated carbonyl compounds. *APPLIED SCIENCES*, 9:3243, 2019.
- [2] Alberto Brandi, Gianni Cardini, Riccardo Chelli, Franca Maria Cordero, Cristina Gellini, and Marco Pagliai. Computational investigation of the selective cleavage of diastereotopic cyclopropane bonds in 5-spirocyclopropane isoxazolidines rearrangement. *JOURNAL OF ORGANIC CHEMISTRY*, 84:6757, 2019.
- [3] Gabriella Caminati, Maria Raffaella Martina, Stefano Menichetti, and Piero Procacci. Blocking the fkbp12 induced dendrimeric burst in aberrant aggregation of :alpha;-synuclein by using the elten378 synthetic inhibitor. *JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY*, 34:1711, 2019.
- [4] Azzurra Carlon, Lucia Gigli, Enrico Ravera, Giacomo Parigi, and Claudio Luchinat. Assessing structural preferences of unstructured protein regions by nmr. *BIOPHYSICAL JOURNAL*, 117:1948, 2019.
- [5] Linda Cerfolini, Marco Fragai, Enrico Ravera, and Vito Calderone. Integrative approaches in structural biology: A more complete picture from the combination of individual techniques. *BIOMOLECULES*, 9:1, 2019.
- [6] Linda Cerfolini, Enrico Ravera, Maurizio Romanelli, Marco Fragai, Giacomo Parigi, and Claudio Luchinat. How do nuclei couple to the magnetic moment of a paramagnetic center? a new theory at the gauntlet of the experiments. *THE JOURNAL OF PHYSICAL CHEMISTRY LETTERS*, 10:3610, 2019.
- [7] Francesca Clemente, Camilla Matassini, Andrea Goti, Amelia Morrone, Paolo Paoli, and Francesca Cardona. Stereoselective synthesis of c-2 alkylated trihydroxypiperidines: Novel pharmacological chaperones for gaucher disease. *ACS MEDICINAL CHEMISTRY LETTERS*, 10:621, 2019.
- [8] Giuseppe Cucinotta, Andrea Caneschi, and Matteo Mannini. Self-assembly of a terbium(iii) 1d coordination polymer on mica. *BEILSTEIN JOURNAL OF NANOTECHNOLOGY*, 10:2440–2448, 2019.
- [9] Donatella Degl'innocenti, Emanuela Barletta, and Maria Camilla Bergonzi. Comparison of chitosan nanoparticles and soluplus micelles to optimize the bioactivity of posidonia oceanica extract on human neuroblastoma cell migration. *PHARMACEUTICS*, 2019.
- [10] Samuele Fanetti, Naomi Falsini, Andrea Taschin, and Roberto Bini. Superheating and homogeneous melting dynamics of bulk ice. *THE JOURNAL OF PHYSICAL CHEMISTRY LETTERS*, 10:4517, 2019.

- [11] Xhenti Ferhati, Camilla Matassini, Maria Giulia Fabbrini, Andrea Goti, Amelia Morrone, Francesca Cardona, and Paolo Paoli. Dual targeting of ptp1b and glucosidases with new bifunctional iminosugar inhibitors to address type 2 diabetes. *BIOORGANIC CHEMISTRY*, 2019:534, 2019.
- [12] Rita Gelli, Francesca Ridi, and Piero Baglioni. The importance of being amorphous: calcium and magnesium phosphates in the human body. *ADVANCES IN COLLOID AND INTERFACE SCIENCE*, 269:219, 2019.
- [13] Gina Elena Giacomazzo, Pasquale Palladino, Cristina Gellini, Gianluca Salerno, Veronica Baldoneschi, Alessandro Feis, Simona Scarano, Maria Minunni, and Barbara Richichi. A straightforward synthesis of phenyl boronic acid (pba) containing bodipy dyes: new functional and modular fluorescent tools for the tethering of the glycan domain of antibodies. *RSC ADVANCES*, 9:30773, 2019.
- [14] Elisa Landucci, Domenico Edoardo Pellegrini-giampietro, Anna Rita Bilia, and Maria Camilla Bergonzi. Enhanced neuroprotective effects of panax ginseng g115 \AA ® and ginkgo biloba gk501 \AA ® combinations in vitro models of excitotoxicity. *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*, 20:5872, 2019.
- [15] Francesca Maestrelli, Elisa Landucci, Giulia Nerli, Maria Camilla Bergonzi, Vieri Piazzini, Domenico Edoardo Pellegrini-giampietro, Francesco Tadini Buoninsegni, Oscar Francesconi, and Cristina Nativi. Niosomal formulation of a lipoyl-carnosine derivative targeting trpa1 channels in brain. *PHARMACEUTICS*, 11:669, 2019.
- [16] Marco Marradi. Recent developments in the reduction of oxidative stress through antioxidant polymeric formulations. *PHARMACEUTICS*, 11:505, 2019.
- [17] Camilla Matassini and Francesca Cardona. Structural basis of the inhibition of gh1 :beta:-glucosidases by multivalent pyrrolidine iminosugars. *BIOORGANIC CHEMISTRY*, 89:103026, 2019.
- [18] Camilla Matassini, Giampiero D'adamio, Costanza Vanni, Andrea Goti, and Francesca Cardona. Studies for the multimerization of dab-1-based imino sugars through iteration of the nitrone cycloaddition/ring-opening/allylation sequence. *EUROPEAN JOURNAL OF ORGANIC CHEMISTRY*, 2019:4897, 2019.
- [19] Cristina Nativi, Francesco Papi, and Stefano Roelens. Tn antigen analogues: the synthetic way to.
- [20] Marco Pagliai, Marina Macchiagodena, Piero Procacci, and Gianni Cardini. Evidence of a low-high density turning point in liquid water at ordinary temperature under pressure: A molecular dynamics study. *THE JOURNAL OF PHYSICAL CHEMISTRY LETTERS*, 10:6414, 2019.

- [21] Vieri Piazzini, Mario D'ambrosio, Cristina Luceri, Lorenzo Cinci, Elisa Landucci, Anna Rita Bilia, and Maria Camilla Bergonzi. Formulation of nanomicelles to improve the solubility and the oral absorption of silymarin. *MOLECULES*, 24:0, 2019.
- [22] Vieri Piazzini, Laura Micheli, Cristina Luceri, Mario D'ambrosio, Lorenzo Cinci, Carla Ghelardini, Anna Rita Bilia, Lorenzo Di Cesare Mannelli, and Maria Camilla Bergonzi. Nanostructured lipid carriers for oral delivery of silymarin: improving its absorption and in vivo efficacy in type 2 diabetes and metabolic syndrome model. *INTERNATIONAL JOURNAL OF PHARMACEUTICS*, —:0, 2019.
- [23] Lorenzo Poggini, Valeria Lanzilotto, Brunetto Cortigiani, Federico Totti, and Matteo Mannini. Surface effects on a photochromic spin-crossover iron(ii) molecular switch adsorbed on highly oriented pyrolytic graphite. *NANOSCALE*, 11:20006–20014, 2019.
- [24] Damiano Tanini, Moira Ambrosi, Pierandrea Lo Nstro, and Antonella Capperucci. Direct biocatalysed synthesis of first sulfur-, selenium- and tellurium- containing l-ascorbyl hybrid derivatives with radical trapping and gpx-like properties. *CHEMICAL COMMUNICATIONS*, 55:5705, 2019.
- [25] Damiano Tanini and Antonella Capperucci. gem-heterosubstituted (stannyll)methylsilanes as synthetic equivalents of functionalized alfa-stannyll(methyl) anions. *ARKIVOC*, ii:99, 2019.
- [26] Damiano Tanini and Antonella Capperucci. Ring opening reactions of heterocycles with selenium and tellurium nucleophiles. *NEW JOURNAL OF CHEMISTRY*, 43:11451, 2019.
- [27] Paola Turano and Veronica Ghini. 1h-nmr metabolomics reveals the glabrescione b exacerbation of glycolytic metabolism beside the cell growth inhibitory effect in glioma. *CELL COMMUNICATION AND SIGNALING*, 17:108, 2019.
- [28] Giulia Vanti, Daniele Bani, Maria Camilla Bergonzi, and Anna Rita Bilia. Development and percutaneous permeation study of escinosomes, escin-based nanovesicles loaded with berberine chloride. *PHARMACEUTICS*, 2019.
- [29] Caterina Viglianisi and Stefano Menichetti. From simple phenols to potent chain-breaking antioxidants by transposition of benzo[1,4]oxathiines to benzo[b]thiophenes. *ARKIVOC*, 2019:65, 2019.
- [30] Caterina Viglianisi, Alessia Scarlini, Lorenzo Tofani, and Stefano Menichetti. Magnetic nanoantioxidants with improved radical-trapping stoichiometry as stabilizers for inhibition of peroxide formation in ethereal solvents. *SCIENTIFIC REPORTS*, 9:1, 2019.

- [31] Caterina Viglianisi, Kristian Vasa, Damiano Tanini, Antonella Capperucci, and Stefano Menichetti. Ditocopheryl sulfides and disulfides: Synthesis and antioxidant profile. *CHEMISTRY-A EUROPEAN JOURNAL*, 25:9108, 2019.