

Articoli su riviste (29)	
<p><b>Synthesis of <math>\alpha</math>-fluorocinnamate derivatives as novel cathepsin S inhibitors with in vitro antiproliferative activity against pancreatic cancer cells</b></p> <p>Andrea Citarella*, Serena Petrella, Davide Moi, Alessandro Dimasi, Tommaso Braga, Lorenzo Ruberto, Stefano Pieraccini, Maurizio Sironi, Nicola Micale, Tanja Schirmeister, Giovanna Damia, Valerio Fasano, Alessandra Silvani, Clelia Giannini and Daniele Passarella</p> <p><i>Bioorganic &amp; Medicinal Chemistry</i> <b>2024</b>, 115, 117987</p> <p>Q1 (Organic Chemistry), IF 3.3</p>	
<p><b>Nano-Formulations of Natural Antioxidants for the Treatment of Liver Cancer</b></p> <p>Mariateresa Cristani, Andrea Citarella, Federica Carnamucio* and Nicola Micale*</p> <p><i>Biomolecules</i>, <b>2024</b>, 14(8), 1031</p> <p>Q1, IF 4.8</p>	
<p><b>Nicotinic Acid Derivatives As Novel Noncompetitive <math>\alpha</math>-Amylase and <math>\alpha</math>-Glucosidase Inhibitors for Type 2 Diabetes Treatment</b></p> <p>Andrea Citarella,* Miriam Cavinato, Elena Rosini, Haidi Shehi, Federico Ballabio, Carlo Camilloni, Valerio Fasano, Alessandra Silvani, Daniele Passarella, Loredano Pollegioni and Marco Nardini*</p> <p><i>ACS Medicinal Chemistry Letters</i>, <b>2024</b>, 15(9), 1474–1481</p> <p>Q2, IF 3.5</p>	
<p><b>Nirmatrelvir: From Discovery to Modern and Alternative Synthetic Approaches</b></p> <p>Michela Galli†, Francesco Migliano†, Valerio Fasano, Alessandra Silvani, Daniele Passarella and Andrea Citarella*</p> <p><i>Processes</i>, <b>2024</b>, 12(6), 1242</p> <p>Q2, IF 2.8</p>	
<p><b>PCSK9 inhibitors: a patent review 2018-2023</b></p> <p>Enrico Maria Alessandro Fassi,* Andrea Citarella, Marco Albani, Erica Ginevra Milano, Laura Legnani, Carmen Lammi, Alessandra Silvani and Giovanni Grazioso*</p> <p><i>Expert Opinion on Therapeutic Patents</i>, <b>2024</b>, 34(4), 245 – 261</p> <p>Q1, IF 5.4</p>	
<p><b>First total synthesis of caerulomycin K: a case study on selective, multiple C–H functionalizations of pyridines</b></p> <p>Alessandro Dimasi, Mattia Failla, Arianna Montoli, Andrea Citarella, Paolo Ronchi, Daniele Passarella and Valerio Fasano*</p> <p><i>RSC Advances</i>, <b>2024</b>, 14, 5542-5546</p>	

Q2, IF 3.9
<p><b>A green approach to nucleophilic aromatic substitutions of nicotinic esters in Cyrene</b></p> <p><u>Andrea Citarella</u>*, Miriam Cavinato, Arianna Amenta, Marco Nardini, Alessandra Silvani, Daniele Passarella and Valerio Fasano*</p> <p><i>European Journal of Organic Chemistry</i>, <b>2024</b>, 27(15), e202301305</p> <p>Q2, IF 2.5</p>
<p><b>Syntheses, reactivity, and biological applications of coumarins</b></p> <p><u>Andrea Citarella</u>†, Serena Vittorio†, Christian Dank* and Laura Ielo*</p> <p><i>Frontiers in Chemistry</i>, <b>2024</b>, 12, 1362992</p> <p>Q2, IF 3.8</p>
<p><b>Modular symmetric ligands for selective recognition of cancer-relevant G-quadruplexes</b></p> <p>Chiara Platella†, <u>Andrea Citarella</u>†, Marco Manenti, Guglielmo Spinelli, Rosa Gaglione, Angela Arciello, Claudia Riccardi, Domenica Musumeci, Daniela Montesarchio, Clelia Giannini and Alessandra Silvani*</p> <p><i>Journal of Molecular Structure</i>, <b>2024</b>, 1299, 137114</p> <p>Q2, IF 4.0</p>
<p><b>Recent advances in SARS-CoV-2 Main Protease inhibitors: from Nirmatrelvir to future perspectives</b></p> <p><u>Andrea Citarella</u>*, Alessandro Dimasi, Davide Moi, Daniele Passarella, Angela Scala, Anna Piperno and Nicola Micale*</p> <p><i>Biomolecules</i> <b>2023</b>, 13(9), 1339</p> <p>Q1, IF 4.8</p>
<p><b>Discovery of potent pyrrolo-pyrimidine and purine HDAC inhibitors for the treatment of advanced prostate cancer</b></p> <p>Davide Moi, Davide Bonanni, Silvia Belluti, Pasquale Linciano, <u>Andrea Citarella</u>, Silvia Franchini, Claudia Sorbi, Carol Imbriano, Luca Pinzi* and Giulio Rastelli*</p> <p><i>European Journal of Medicinal Chemistry</i>, <b>2023</b>, 260, 115730</p> <p>Q1, IF 6.0</p>
<p><b>Selective noncovalent proteasome inhibiting activity of trifluoromethyl-containing gem-quaternary aziridines</b></p> <p>Laura Ielo*, Vincenzo Patamia, <u>Andrea Citarella</u>, Tanja Schirmeister, Claudio Stagno, Thierry Langer, Antonio Rescifina, Nicola Micale and Vittorio Pace*</p> <p><i>Archiv der Pharmazie</i>, <b>2023</b>, 356, e2300174</p> <p>Q1, IF 4.3</p>

<p><b>Synthesis of SARS-CoV-2 M<sup>pro</sup> inhibitors bearing a cinnamic ester warhead with in vitro activity against human coronaviruses</b></p> <p><u>Andrea Citarella</u>,* Davide Moi,* Martina Pedrini, Helena Pérez-Peña, Alessandro Dimasi, Stefano Pieraccini, Claudio Stagno, Nicola Micale, Tanja Schirmeister, Giulia Sibille, Giorgio Gribaudo, Alessandra Silvani, Clelia Giannini and Daniele Passarella</p> <p><i>Organic and Biomolecular Chemistry</i>, <b>2023</b>, 21, 3811-3824</p> <p>Q1, IF 2.9</p>
<p><b>Computational design, synthesis, and biophysical evaluation of <math>\beta</math>-amido boronic acids as SARS-CoV-2 M<sup>pro</sup> inhibitors</b></p> <p>Enrico M. A. Fassi, Marco Manenti, <u>Andrea Citarella</u>, Michele dei Cas, Sara Casati, Nicola Micale, Tanja Schirmeister, Gabriella Roda, Alessandra Silvani* and Giovanni Grazioso*</p> <p><i>Molecules</i>, <b>2023</b>, 28(5), 2356</p> <p>Q2, IF 4.2</p>
<p><b>Discovery of a novel trifluoromethyl diazirine inhibitor of SARS-CoV-2 M<sup>pro</sup></b></p> <p><u>Andrea Citarella</u>, Davide Moi, Martina Pedrini, Helena Pérez-Peña, Stefano Pieraccini, Claudio Stagno, Nicola Micale, Tanja Schirmeister, Giulia Sibille, Giorgio Gribaudo, Alessandra Silvani, Daniele Passarella and Clelia Giannini*</p> <p><i>Molecules</i>, <b>2023</b>, 28 (2), 514</p> <p>Q2, IF 4.2</p>
<p><b>Cyrene: a green solvent for the synthesis of bioactive molecules and functional biomaterials</b></p> <p><u>Andrea Citarella</u>, Arianna Amenta, Daniele Passarella and Nicola Micale*</p> <p><i>International Journal of Molecular Sciences</i>, <b>2022</b>, 23, 15960</p> <p>Q1, IF 5.6</p>
<p><b>Novel class of proteasome inhibitors: in silico and in vitro evaluation of diverse chloro(trifluoromethyl)aziridines</b></p> <p>Laura Ielo, Vincenzo Patamia, <u>Andrea Citarella</u>, Thomas Efferth, Nasim Shahhamzehei, Tanja Schirmeister, Claudio Stagno, Thierry Langer, Antonio Rescifina, Nicola Micale and Vittorio Pace*</p> <p><i>International Journal of Molecular Sciences</i>, <b>2022</b>, 23, 12363</p> <p>Q1, IF 5.6</p>
<p><b>Synthesis, computational investigation and biological evaluation of <math>\alpha,\alpha</math>-difluoromethyl ketones embodying pyrazole and isoxazole nuclei as COX inhibitors</b></p> <p><u>Andrea Citarella</u>, Laura Ielo, Claudio Stagno, Mariateresa Cristani, Claudia Muscarà, Vittorio Pace* and Nicola Micale*</p> <p><i>Organic and Biomolecular Chemistry</i>, <b>2022</b>, 20, 8293</p> <p>Q2, IF 3.2</p>
<p><b>Synthesis of potent and selective HDAC6 inhibitors led to unexpected opening of a quinazoline ring</b></p>

<p>Davide Moi†, <u>Andrea Citarella†</u>, Davide Bonanni, Luca Pinzi, Daniele Passarella, Alessandra Silvani, Clelia Giannini and Giulio Rastelli*</p> <p><i>RSC Advances</i>, <b>2022</b>, 12, 11548-11556</p> <p>Q2, IF 3.9</p>
<p><b>Dual targeting strategies on Histone Deacetylase 6 (HDAC6) and Heat Shock Protein 90 (Hsp90)</b></p> <p>Davide Bonanni, <u>Andrea Citarella</u>, Davide Moi, Luca Pinzi, Elisa Bergamini and Giulio Rastelli*</p> <p><i>Current Medicinal Chemistry</i>, <b>2022</b>, 29, 1474-1502</p> <p>Q2, IF 4.1</p>
<p><b>Hydroxamic acid derivatives: from synthetic strategies to medicinal chemistry applications</b></p> <p><u>Andrea Citarella</u>, Davide Moi, Luca Pinzi, Davide Bonanni and Giulio Rastelli*</p> <p><i>ACS Omega</i>, <b>2021</b>, 6 (34), 21843-21849</p> <p>Q2, IF 4.1</p>
<p><b>Natural product-based hybrids as potential candidates for the treatment of cancer: focus on Curcumin and Resveratrol</b></p> <p>Nicola Micale, Maria Sofia Molonia, <u>Andrea Citarella</u>, Francesco Cimino, Antonina Saija*, Mariateresa Cristani† and Antonio Speciale†</p> <p><i>Molecules</i>, <b>2021</b>, 26 (15), 4665</p> <p>Q2, IF 4.9</p>
<p><b>SARS-CoV-2 M<sup>PRO</sup>: a potential target for peptidomimetics and small-molecule inhibitors</b></p> <p><u>Andrea Citarella</u>, Angela Scala, Anna Piperno and Nicola Micale*</p> <p><i>Biomolecules</i>, <b>2021</b>, 11(4), 607</p> <p>Q2, IF 6.0</p>
<p><b>Pseudo-dipeptide bearing <math>\alpha,\alpha</math>-difluoromethyl ketone moiety as electrophilic warhead with activity against Coronaviruses</b></p> <p><u>Andrea Citarella</u>, Davide Gentile, Antonio Rescifina, Anna Piperno, Barbara Mognetti, Giorgio Griboaud, Maria Teresa Sciortino, Wolfgang Holzer, Vittorio Pace* and Nicola Micale*</p> <p><i>International Journal of Molecular Sciences</i>, <b>2021</b>, 22 (3), 1398</p> <p>Q1, IF 6.2</p>
<p><b>Chemoselective homologation-deoxygenation strategy enabling the direct conversion of carbonyls into (n+1)-halomethyl-alkanes</b></p> <p>Margherita Miele†, <u>Andrea Citarella†</u>, Thierry Langer, Ernst Urban, Martin Zehl, Wolfgang Holzer, Laura Ielo and Vittorio Pace*</p>

<p><i>Organic Letters</i>, 2020, 22 (19), 7629-7634</p> <p>Q1, IF 6.0</p>
<p><b>Peptidyl fluoromethyl ketones and their applications in Medicinal Chemistry</b></p> <p><u>Andrea Citarella</u> and Nicola Micale*</p> <p><i>Molecules</i>, 2020, 25 (17), 4031</p> <p>Q2, IF 4.4</p>
<p><b>Hydrogels for the delivery of plant-derived (poly)phenols</b></p> <p>Nicola Micale, <u>Andrea Citarella</u>, Maria Sofia Molonia, Antonio Speciale, Francesco Cimino, Antonina Saija* and Mariateresa Cristani</p> <p><i>Molecules</i>, 2020, 25 (14), 3254</p> <p>Q2, IF 4.4</p>
<p><b>Direct and chemoselective synthesis of tertiary difluoroketones via Weinreb Amide homologation with a CHF<sub>2</sub>-carbene equivalent</b></p> <p>Margherita Miele†, <u>Andrea Citarella</u>†, Nicola Micale, Wolfgang Holzer and Vittorio Pace*</p> <p><i>Organic Letters</i>, 2019, 21 (20), 8261-8265</p> <p>Q1, IF 6.0</p>
<p><b>Hydroxamic acid-based Histone Deacetylase (HDAC) inhibitors bearing a pyrazole scaffold and a cinnamoyl linker</b></p> <p>Chiara Zagni, <u>Andrea Citarella</u>, Mahjoub Oussama, Antonio Rescifina, Alessandro Maugeri, Michele Navarra, Angela Scala, Anna Piperno and Nicola Micale*</p> <p><i>International Journal of Molecular Sciences</i>, 2019, 20 (4), 945</p> <p>Q1, IF 4.5</p>
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