

Roberta Galeazzi

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76
papers

1,257
citations

20
h-index

29
g-index

84
ext. papers

1,438
ext. citations

4
avg, IF

4.29
L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 76 | Steady-state and time resolved fluorescence of albumins interacting with N-oleylethanolamine, a component of the endogenous N-acylethanolamines. <i>Proteins: Structure, Function and Bioinformatics</i> , 2000 , 40, 39-48 | 4.2 | 89 |
| 75 | Stereoselective iodocyclization of 3-acylamino-2-methylene alkanoates: synthesis of analogues of N-benzoyl-syn-phenylisoserine. <i>Organic Letters</i> , 2004 , 6, 2571-4 | 6.2 | 48 |
| 74 | A convenient approach to diastereomerically pure 1,3,4-trisubstituted pyrrolidin-2-ones by intramolecular cyclisation of N-(2-alken-1-yl)amides mediated by Mn(III). An entry to both (R)- and (S)-3-pyrrolidineacetic acid. <i>Tetrahedron</i> , 1996 , 52, 1069-1084 | 2.4 | 46 |
| 73 | Synthesis of unsaturated amino acid derivatives from carbamates of the Baylis-Hillman products. <i>Tetrahedron Letters</i> , 2002 , 43, 2199-2202 | 2 | 44 |
| 72 | From 3-aza-2-oxobicyclo[3.1.0]hexane to enantiopure disubstituted cyclopropane: a convenient approach to cis-2,3-methano-GABA. <i>Tetrahedron: Asymmetry</i> , 1997 , 8, 133-137 | | 36 |
| 71 | Diastereomerically pure pyrrolidin-2-ones by intramolecular Michael reaction. Synthesis of both (S)- and (R)-3-pyrrolidineacetic acid. <i>Tetrahedron: Asymmetry</i> , 1996 , 7, 79-88 | | 36 |
| 70 | Molecular Dynamics as a Tool in Rational Drug Design: Current Status and Some Major Applications. <i>Current Computer-Aided Drug Design</i> , 2009 , 5, 225-240 | 1.4 | 33 |
| 69 | Synthesis and Structural Assignment of Diastereomerically Pure N-Substituted 4-Alkylpyrrolidin-2-ones, Intermediates for the Preparation of 3-Alkylpyrrolidines in Both Enantiomerically Pure Forms. <i>Heterocycles</i> , 1994 , 38, 2663 | 0.8 | 33 |
| 68 | A short approach to chaetomelic anhydride A from 2,2-dichloropalmitic acid: elucidation of the mechanism governing the functional rearrangement of the chlorinated pyrrolidin-2-one intermediate. <i>Tetrahedron</i> , 2006 , 62, 746-757 | 2.4 | 32 |
| 67 | Conformationally restricted analogues of both (S)-homoserine and (S)-aspartic acid from chiral 3-acylamino pyrrolidin-2-ones. <i>Tetrahedron</i> , 2005 , 61, 5465-5473 | 2.4 | 31 |
| 66 | From pyrrolidin-2-ones to 3-aza-2-oxobicyclo[3.2.0]heptanes. Synthesis of both enantiomers of cis-2-aminomethylcyclobutane carboxylic acid, a conformationally restricted analogue of GABA. <i>Tetrahedron</i> , 1999 , 55, 261-270 | 2.4 | 29 |
| 65 | A Poloxamer-407 modified liposome encapsulating epigallocatechin-3-gallate in the presence of magnesium: Characterization and protective effect against oxidative damage. <i>International Journal of Pharmaceutics</i> , 2018 , 552, 225-234 | 6.5 | 28 |
| 64 | In vivo and in silico studies to identify mechanisms associated with Nurr1 modulation following early life exposure to permethrin in rats. <i>Neuroscience</i> , 2017 , 340, 411-423 | 3.9 | 27 |
| 63 | A novel 3TtRNA-derived fragment acts as a tumor suppressor in breast cancer by targeting nucleolin. <i>FASEB Journal</i> , 2019 , 33, 13228-13240 | 0.9 | 25 |
| 62 | Inhibitors of multidrug efflux pumps of <i>Pseudomonas aeruginosa</i> from natural sources: An in silico high-throughput virtual screening and in vitro validation. <i>Medicinal Chemistry Research</i> , 2017 , 26, 414-430 | 2.2 | 24 |
| 61 | Selective induction of apoptosis in MCF7 cancer-cell by targeted liposomes functionalised with mannose-6-phosphate. <i>Journal of Drug Targeting</i> , 2018 , 26, 242-251 | 5.4 | 24 |
| 60 | Transferrin neutralization of amyloid beta 25-35 cytotoxicity. <i>Clinica Chimica Acta</i> , 2004 , 350, 129-36 | 6.2 | 22 |

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| 59 | Cyclisation of (R)- and (S)-N-allyl-N-(1-phenylethyl) methoxycarbonylacetamide mediated by Mn(III): Preparation and structural assignment of 3-aza-2-oxobicyclo[3.1.0]hexanes. <i>Tetrahedron: Asymmetry</i> , 1996 , 7, 3573-3584 | | 22 |
| 58 | Cyclization of a Chiral N-Crotyl Methoxycarbonylacetamide Mediated by Mn(III). An Easy Entry to (R)-3-Pyrrolidineacetic Acid. <i>Synlett</i> , 1995 , 1995, 1159-1160 | 2.2 | 21 |
| 57 | A possible S-glutathionylation of specific proteins by glyoxalase II: An in vitro and in silico study. <i>Cell Biochemistry and Function</i> , 2016 , 34, 620-627 | 4.2 | 21 |
| 56 | Liposomal Formulations for an Efficient Encapsulation of Epigallocatechin-3-gallate: An in-Silico/Experimental Approach. <i>Molecules</i> , 2018 , 23, | 4.8 | 20 |
| 55 | Salts Influence Catechins and Flavonoids Encapsulation in Liposomes: A Molecular Dynamics Investigation. <i>Molecular Informatics</i> , 2017 , 36, 1700059 | 3.8 | 19 |
| 54 | Node of Ranvier as an Array of Bio-Nanoantennas for Infrared Communication in Nerve Tissue. <i>Scientific Reports</i> , 2018 , 8, 539 | 4.9 | 19 |
| 53 | Natural Alkaloid Berberine Activity against MexXY-Mediated Aminoglycoside Resistance: and Studies. <i>Journal of Natural Products</i> , 2019 , 82, 1935-1944 | 4.9 | 19 |
| 52 | Early impairment of epigenetic pattern in neurodegeneration: Additional mechanisms behind pyrethroid toxicity. <i>Experimental Gerontology</i> , 2019 , 124, 110629 | 4.5 | 18 |
| 51 | Chiral 3-hydroxypyrrolidin-2-ones from a Baylis-Hillman adduct: convergent, stereoselective synthesis of a glycosidase inhibitor. <i>Tetrahedron: Asymmetry</i> , 2004 , 15, 3249-3256 | | 18 |
| 50 | Synthesis of a conformationally restricted analog of pregabalin by stereoselective alkylation of a chiral pyrrolidin-2-one. <i>Tetrahedron: Asymmetry</i> , 2003 , 14, 3353-3358 | | 18 |
| 49 | Steric constraints against [3,3]-sigmatropic rearrangement of allylic azides. A convenient approach to β -4-aminopent-2-enoglyceropyranosides. <i>Tetrahedron: Asymmetry</i> , 2001 , 12, 2731-2741 | | 18 |
| 48 | Irreversible inhibition of HER2 is necessary to suppress HER2-positive breast carcinomas resistant to Lapatinib. <i>Cancer Letters</i> , 2016 , 381, 76-84 | 9.9 | 18 |
| 47 | Protein-protein interactions of human glyoxalase II: findings of a reliable docking protocol. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 5167-5177 | 3.9 | 18 |
| 46 | Highly regio- and stereoselective iodocyclization of chiral 3-alkoxycarbonyl-4-propenyl-2,2-dimethyl-1,3-oxazolidines: a computational investigation. <i>Tetrahedron: Asymmetry</i> , 1999 , 10, 1135-1143 | | 17 |
| 45 | Monoalkylated Epigallocatechin-3-gallate (C18-EGCG) as Novel Lipophilic EGCG Derivative: Characterization and Antioxidant Evaluation. <i>Antioxidants</i> , 2020 , 9, | 7.1 | 16 |
| 44 | Insight into the binding interactions of CYP450 aromatase inhibitors with their target enzyme: a combined molecular docking and molecular dynamics study. <i>Journal of Molecular Modeling</i> , 2012 , 18, 1153-66 | 2 | 16 |
| 43 | Albumin protects human red blood cells against A β 25-35-induced lysis more effectively than ApoE. <i>NeuroReport</i> , 2002 , 13, 2149-54 | 1.7 | 16 |
| 42 | A novel conformationally restricted analogue of 3-methylaspartic acid via stereoselective methylation of chiral pyrrolidin-2-ones. <i>Tetrahedron</i> , 2010 , 66, 400-405 | 2.4 | 15 |

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| 41 | Synthesis and structural characterisation as 12-helix of the hexamer of a beta-amino acid tethered to a pyrrolidin-2-one ring. <i>Chemical Communications</i> , 2006 , 4915-7 | 5.8 | 15 |
| 40 | Thermodynamic vs. kinetic control in the stereoselective intramolecular conjugate addition of amide enolates leading to chiral trans-3,4-disubstituted pyrrolidin-2-ones. <i>Tetrahedron</i> , 1999 , 55, 4029-4042 | 4.4 | 15 |
| 39 | Conformational Insight on WT- and Mutated-EGFR Receptor Activation and Inhibition by Epigallocatechin-3-Gallate: Over a Rational Basis for the Design of Selective Non-Small-Cell Lung Anticancer Agents. <i>International Journal of Molecular Sciences</i> , 2020 , 21, | 6.3 | 14 |
| 38 | Insights into the influence of 5-HT2c aminoacidic variants with the inhibitory action of serotonin inverse agonists and antagonists. <i>Journal of Molecular Modeling</i> , 2014 , 20, 2120 | 2 | 14 |
| 37 | 1,3-Oxazin-2-ones vs tetrahydrofurans by iodocyclisation of 2-alkoxycarbonylamino-3-alken-1-ols. <i>Tetrahedron: Asymmetry</i> , 2000 , 11, 3769-3777 | | 14 |
| 36 | Quaternary centres as a tool for modulating foldamer conformation. <i>Chemistry - A European Journal</i> , 2011 , 17, 12564-8 | 4.8 | 13 |
| 35 | Phage-Based Anti-HER2 Vaccination Can Circumvent Immune Tolerance against Breast Cancer. <i>Cancer Immunology Research</i> , 2018 , 6, 1486-1498 | 12.5 | 13 |
| 34 | Synthesis, Characterization and Antioxidant Properties of a New Lipophilic Derivative of Edaravone. <i>Antioxidants</i> , 2019 , 8, | 7.1 | 12 |
| 33 | Fibrillation properties of human β acid glycoprotein. <i>Biochimie</i> , 2013 , 95, 158-66 | 4.6 | 12 |
| 32 | Anandamide and its congeners inhibit human plasma butyrylcholinesterase. Possible new roles for these endocannabinoids?. <i>Biochimie</i> , 2011 , 93, 1584-91 | 4.6 | 12 |
| 31 | Analogues of both Leu- and Met-enkephalin containing a constrained dipeptide isostere prepared from a Baylis-Hillman adduct. <i>Amino Acids</i> , 2010 , 38, 1057-65 | 3.5 | 12 |
| 30 | Chiral 3-hydroxypyrrolidin-2-ones. Part 2: Stereodivergent synthesis of conformationally restricted analogues of β homoserine. <i>Tetrahedron: Asymmetry</i> , 2005 , 16, 1779-1787 | | 12 |
| 29 | Catalytic Mechanism of Diaminopimelate Epimerase: A QM/MM Investigation. <i>Journal of Chemical Theory and Computation</i> , 2009 , 5, 1915-30 | 6.4 | 11 |
| 28 | A New Conformationally Restricted Mimetic of Dipeptide EG β Synthesis of an Analogue of FEG. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 4402-4407 | 3.2 | 11 |
| 27 | Stereoselective reduction of chiral trans-3-acetyl-4-alkylpyrrolidin-2-ones. <i>Tetrahedron: Asymmetry</i> , 1999 , 10, 587-605 | | 10 |
| 26 | Encapsulation of a Neutral Molecule into a Cationic Clay Material: Structural Insight and Cytotoxicity of Resveratrol/Layered Double Hydroxide/BSA Nanocomposites. <i>Nanomaterials</i> , 2019 , 10, | 5.4 | 10 |
| 25 | A Stereoselective Approach to Both 3,4-trans-Disubstituted Pyrrolidin-2-ones and Pyrrolidines. A Convenient Synthesis of (3R,4R)-4-Benzyl-3-pyrrolidinecarboxylic Acid. <i>Heterocycles</i> , 2003 , 60, 2485 | 0.8 | 9 |
| 24 | Stereoselective reductive amination of chiral trans-3-acetyl-4-alkylpyrrolidin-2-ones. <i>Tetrahedron: Asymmetry</i> , 2003 , 14, 3697-3703 | | 9 |

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| 23 | Prediction of drug-carrier interactions of PLA and PLGA drug-loaded nanoparticles by molecular dynamics simulations. <i>European Polymer Journal</i> , 2021 , 147, 110292 | 5.2 | 9 |
| 22 | Bovine B ₂ acid glycoprotein, a thermostable version of its human counterpart: insights from Fourier transform infrared spectroscopy and in silico modelling. <i>Biochimie</i> , 2014 , 102, 19-28 | 4.6 | 8 |
| 21 | Depth Distribution of Spin-Labeled Liponitroxides within Lipid Bilayers: A Combined EPR and Molecular Dynamics Approach. <i>ACS Omega</i> , 2019 , 4, 5029-5037 | 3.9 | 7 |
| 20 | Stereoselective Synthesis of trans-4,5-Disubstituted Oxazolidin-2-ones by Intramolecular Conjugate Addition of N-p-Toluenesulfonyl Carbamates. <i>Heterocycles</i> , 2003 , 60, 1173 | 0.8 | 7 |
| 19 | Stereoselective iodocyclisation of 3-acylamino-2-methylene alkanooates: a computational insight. <i>Tetrahedron</i> , 2006 , 62, 10450-10455 | 2.4 | 6 |
| 18 | Straightforward Synthesis of (R,S)-B-Methyleneaspartic Acid, an Inhibitor of Glutamate-Aspartate Transaminase. <i>Monatshefte F_ur Chemie</i> , 2006 , 137, 357-363 | 1.4 | 6 |
| 17 | Homochiral oxazolidin-2-ones and imidazolidin-2-ones by tandem nucleophilic additionBconjugate addition. <i>Tetrahedron: Asymmetry</i> , 2004 , 15, 1937-1943 | | 6 |
| 16 | In vitro apolipoprotein E protects human red blood cells against lysis induced by amyloid-beta (A β) fragment 25-35. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2002 , 9, 103-107 | 2.7 | 6 |
| 15 | Conjugate intra- and intermolecular addition mediated by methoxide anion on polymeric support. <i>Tetrahedron Letters</i> , 2000 , 41, 8577-8580 | 2 | 5 |
| 14 | New Chiral 3-Naphthylaminomethylpyrroli- dines: An Unexpected Epimerisation Reaction. <i>Heterocycles</i> , 1999 , 51, 2463 | 0.8 | 5 |
| 13 | Insights into the Molecular Mechanisms of Eg5 Inhibition by (+)-Morelloflavone. <i>Pharmaceuticals</i> , 2019 , 12, | 5.2 | 4 |
| 12 | B-Methylene-B-trichloroacetyl amino Alkanooates from Trichloroacetimidates of the Baylis-Hillman Adducts. <i>Synthesis</i> , 2004 , 2004, 2560-2566 | 2.9 | 4 |
| 11 | Synthesis of chiral oxazolidin-2-ones from N-alkoxycarbonyl amino epoxides: a computational study. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002 , 1650-1654 | | 4 |
| 10 | Effect of Epigallocatechin-3-Gallate on EGFR Signaling and Migration in Non-Small Cell Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2021 , 22, | 6.3 | 4 |
| 9 | Acetylshikonin isolated from <i>Lithospermum erythrorhizon</i> roots inhibits dihydrofolate reductase and hampers autochthonous mammary carcinogenesis in B6HER2 transgenic mice. <i>Pharmacological Research</i> , 2020 , 161, 105123 | 10.2 | 4 |
| 8 | Photons detected in the active nerve by photographic technique. <i>Scientific Reports</i> , 2021 , 11, 3022 | 4.9 | 4 |
| 7 | Cholesterol-mediated oligomerization pathways of serotonin G-coupled receptor 5-HT _{2C} . <i>International Journal of Biological Macromolecules</i> , 2020 , 160, 1090-1100 | 7.9 | 3 |
| 6 | Stereoselective alkylation of chiral pyrrolidin-2-ones leading to novel conformationally restricted analogues of 3-methylaspartic acid: a computational investigation. <i>Monatshefte F_ur Chemie</i> , 2012 , 143, 1397-1403 | 1.4 | 3 |

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| 5 | The Natural Alkaloid Berberine Can Reduce the Number of Tolerant Cells. <i>Journal of Natural Products</i> , 2021 , 84, 993-1001 | 4.9 | 3 |
| 4 | Synthesis, Structural Insights and Activity of Different Classes of Biomolecules 2020 , 463-482 | | 1 |
| 3 | Molecular dynamics simulations of quinine encapsulation into biodegradable nanoparticles: A possible new strategy against Sars-CoV-2. <i>European Polymer Journal</i> , 2021 , 158, 110685 | 5.2 | 1 |
| 2 | Tuning curvature and phase behavior of monoolein bilayers by epigallocatechin-3-gallate: Structural insight and cytotoxicity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022 , 209, 112171 | 6 | 0 |
| 1 | Influence of a lipophilic edaravone on physical state and activity of antioxidant liposomes: An experimental and in silico study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 210, 112217 | 6 | |