

Roberta Galeazzi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8039335/publications.pdf>

Version: 2024-02-01

79
papers

1,636
citations

236925

25
h-index

414414

32
g-index

84
all docs

84
docs citations

84
times ranked

1729
citing authors

#	ARTICLE	IF	CITATIONS
1	Steady-state and time resolved fluorescence of albumins interacting with N-oleylethanolamine, a component of the endogenous N-acylethanolamines. , 2000, 40, 39-48.		93
2	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. Tetrahedron, 1996, 52, 1069-1084.	1.9	54
3	A novel 3'â€tRNA^{Glu}â€derived fragment acts as a tumor suppressor in breast cancer by targeting nucleolin. FASEB Journal, 2019, 33, 13228-13240.	0.5	54
4	Stereoselective Iodocyclization of 3-Acylamino-2-methylene Alkanoates:â€ Synthesis of Analogues of N-Benzoyl-syn-phenylisoserine. Organic Letters, 2004, 6, 2571-2574.	4.6	53
5	Synthesis of unsaturated Î²-amino acid derivatives from carbamates of the Baylisâ€Hillman products. Tetrahedron Letters, 2002, 43, 2199-2202.	1.4	48
6	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. Heterocycles, 1994, 38, 2663.	0.7	38
7	Diastereomerically pure pyrrolidin-2-ones by intramolecular Michael reaction. Synthesis of both (S)- and (R)-3-pyrrolidineacetic acid. Tetrahedron: Asymmetry, 1996, 7, 79-88.	1.8	38
8	Molecular Dynamics as a Tool in Rational Drug Design: Current Status and Some Major Applications. Current Computer-Aided Drug Design, 2009, 5, 225-240.	1.2	38
9	Natural Alkaloid Berberine Activity against <i>Pseudomonas aeruginosa</i> MexXY-Mediated Aminoglycoside Resistance: <i>In Silico</i> and <i>in Vitro</i> Studies. Journal of Natural Products, 2019, 82, 1935-1944.	3.0	38
10	From 3-aza-2-oxobicyclo[3.1.0]hexane to enantiopure disubstituted cyclopropane: a convenient approach to cis-2,3-methano-GABA. Tetrahedron: Asymmetry, 1997, 8, 133-137.	1.8	37
11	A Poloxamer-407 modified liposome encapsulating epigallocatechin-3-gallate in the presence of magnesium: Characterization and protective effect against oxidative damage. International Journal of Pharmaceutics, 2018, 552, 225-234.	5.2	37
12	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. Tetrahedron, 2006, 62, 746-757.	1.9	33
13	Node of Ranvier as an Array of Bio-Nanoantennas for Infrared Communication in Nerve Tissue. Scientific Reports, 2018, 8, 539.	3.3	33
14	Conformationally restricted analogues of both (S)-Î²-homoserine and (S)-aspartic acid from chiral 3-acylamino pyrrolidin-2-ones. Tetrahedron, 2005, 61, 5465-5473.	1.9	31
15	Inhibitors of multidrug efflux pumps of Pseudomonas aeruginosa from natural sources: An in silico high-throughput virtual screening and in vitro validation. Medicinal Chemistry Research, 2017, 26, 414-430.	2.4	31
16	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. International Journal of Molecular Sciences, 2020, 21, 1721.	4.1	31
17	In vivo and in silico studies to identify mechanisms associated with Nurr1 modulation following early life exposure to permethrin in rats. Neuroscience, 2017, 340, 411-423.	2.3	30
18	Selective induction of apoptosis in MCF7 cancer-cell by targeted liposomes functionalised with mannose-6-phosphate. Journal of Drug Targeting, 2018, 26, 242-251.	4.4	30

#	ARTICLE	IF	CITATIONS
19	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.	1.9	29
20	Monoalkylated Epigallocatechin-3-gallate (C18-EGCG) as Novel Lipophilic EGCG Derivative: Characterization and Antioxidant Evaluation. <i>Antioxidants</i> , 2020, 9, 208.	5.1	29
21	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.	1.8	27
22	Early impairment of epigenetic pattern in neurodegeneration: Additional mechanisms behind pyrethroid toxicity. <i>Experimental Gerontology</i> , 2019, 124, 110629.	2.8	27
23	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, 11833.	4.1	27
24	Transferrin neutralization of amyloid β 25-35 cytotoxicity. <i>Clinica Chimica Acta</i> , 2004, 350, 129-136.	1.1	26
25	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.	2.9	26
26	Protein-protein interactions of human glyoxalase II: findings of a reliable docking protocol. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5167-5177.	2.8	26
27	Phage-Based Anti-HER2 Vaccination Can Circumvent Immune Tolerance against Breast Cancer. <i>Cancer Immunology Research</i> , 2018, 6, 1486-1498.	3.4	25
28	Prediction of drug-carrier interactions of PLA and PLGA drug-loaded nanoparticles by molecular dynamics simulations. <i>European Polymer Journal</i> , 2021, 147, 110292.	5.4	24
29	Stereoselective reduction of chiral trans-3-acetyl-4-alkylpyrrolidin-2-ones. <i>Tetrahedron: Asymmetry</i> , 1999, 10, 587-605.	1.8	23
30	Irreversible inhibition of $\text{p}^{16}\text{HER2}$ is necessary to suppress $\text{p}^{16}\text{HER2}$ -positive breast carcinomas resistant to Lapatinib. <i>Cancer Letters</i> , 2016, 381, 76-84.	7.2	23
31	Liposomal Formulations for an Efficient Encapsulation of Epigallocatechin-3-Gallate: An In-Silico/Experimental Approach. <i>Molecules</i> , 2018, 23, 441.	3.8	23
32	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.	1.8	22
33	Salts Influence Catechins and Flavonoids Encapsulation in Liposomes: A Molecular Dynamics Investigation. <i>Molecular Informatics</i> , 2017, 36, 1700059.	2.5	22
34	Synthesis, Characterization and Antioxidant Properties of a New Lipophilic Derivative of Edaravone. <i>Antioxidants</i> , 2019, 8, 258.	5.1	21
35	Steric constraints against [3,3]-sigmatropic rearrangement of allylic azides. A convenient approach to β -l-4-aminopent-2-enoglyceropyranosides. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 2731-2741.	1.8	20
36	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.	1.8	20

#	ARTICLE	IF	CITATIONS
37	Albumin protects human red blood cells against A β 25-35-induced lysis more effectively than ApoE. <i>NeuroReport</i> , 2002, 13, 2149-2154.	1.2	19
38	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.	1.8	18
39	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.	1.8	18
40	Catalytic Mechanism of Diaminopimelate Epimerase: A QM/MM Investigation. <i>Journal of Chemical Theory and Computation</i> , 2009, 5, 1915-1930.	5.3	17
41	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.	1.9	16
42	1,3-Oxazin-2-ones vs tetrahydrofurans by iodocyclisation of 2-alkoxycarbonylamino-3-alken-1-ols. <i>Tetrahedron: Asymmetry</i> , 2000, 11, 3769-3777.	1.8	16
43	Synthesis and structural characterisation as 12-helix of the hexamer of a β^2 -amino acid tethered to a pyrrolidin-2-one ring. <i>Chemical Communications</i> , 2006, , 4915-4917.	4.1	16
44	A novel conformationally restricted analogue of 3-methylaspartic acid via stereoselective methylation of chiral pyrrolidin-2-ones. <i>Tetrahedron</i> , 2010, 66, 400-405.	1.9	16
45	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, 1153-1166.	1.8	16
46	Depth Distribution of Spin-Labeled Liponitroxides within Lipid Bilayers: A Combined EPR and Molecular Dynamics Approach. <i>ACS Omega</i> , 2019, 4, 5029-5037.	3.5	16
47	Encapsulation of a Neutral Molecule into a Cationic Clay Material: Structural Insight and Cytotoxicity of Resveratrol/Layered Double Hydroxide/BSA Nanocomposites. <i>Nanomaterials</i> , 2020, 10, 33.	4.1	16
48	Analogues of both Leu- and Met-enkephalin containing a constrained dipeptide isostere prepared from a Baylis-Hillman adduct. <i>Amino Acids</i> , 2010, 38, 1057-1065.	2.7	15
49	Insights into the influence of 5-HT _{2c} aminoacidic variants with the inhibitory action of serotonin inverse agonists and antagonists. <i>Journal of Molecular Modeling</i> , 2014, 20, 2120.	1.8	15
50	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.	5.4	15
51	Quaternary Centres as a Tool for Modulating Foldamer Conformation. <i>Chemistry - A European Journal</i> , 2011, 17, 12564-12568.	3.3	14
52	Fibrillation properties of human β 1-acid glycoprotein. <i>Biochimie</i> , 2013, 95, 158-166.	2.6	14
53	Anandamide and its congeners inhibit human plasma butyrylcholinesterase. Possible new roles for these endocannabinoids?. <i>Biochimie</i> , 2011, 93, 1584-1591.	2.6	13
54	Chiral 3-hydroxypyrrolidin-2-ones. Part 2: Stereodivergent synthesis of conformationally restricted analogues of β^2 -homoserine. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 1779-1787.	1.8	12

#	ARTICLE	IF	CITATIONS
55	Insights into the Molecular Mechanisms of Eg5 Inhibition by (+)-Morelloflavone. <i>Pharmaceuticals</i> , 2019, 12, 58.	3.8	12
56	A New Conformationally Restricted Mimetic of Dipeptide EG α Synthesis of an Analogue of FEG. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 4402-4407.	2.4	11
57	Acetylshikonin isolated from <i>Lithospermum erythrorhizon</i> roots inhibits dihydrofolate reductase and hampers autochthonous mammary carcinogenesis in β 16HER2 transgenic mice. <i>Pharmacological Research</i> , 2020, 161, 105123.	7.1	11
58	Berberine Derivatives as <i>Pseudomonas aeruginosa</i> MexXY-OprM Inhibitors: Activity and In Silico Insights. <i>Molecules</i> , 2021, 26, 6644.	3.8	11
59	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.	0.7	10
60	The Natural Alkaloid Berberine Can Reduce the Number of <i>Pseudomonas aeruginosa</i> Tolerant Cells. <i>Journal of Natural Products</i> , 2021, 84, 993-1001.	3.0	10
61	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.	5.0	10
62	Stereoselective reductive amination of chiral trans-3-acetyl-4-alkylpyrrolidin-2-ones. <i>Tetrahedron: Asymmetry</i> , 2003, 14, 3697-3703.	1.8	9
63	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.	0.7	9
64	Bovine β 1-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.	2.6	8
65	Cholesterol-mediated oligomerization pathways of serotonin G-coupled receptor 5-HT _{2C} . <i>International Journal of Biological Macromolecules</i> , 2020, 160, 1090-1100.	7.5	7
66	Photons detected in the active nerve by photographic technique. <i>Scientific Reports</i> , 2021, 11, 3022.	3.3	7
67	Conjugate intra- and intermolecular addition mediated by methoxide anion on polymeric support. <i>Tetrahedron Letters</i> , 2000, 41, 8577-8580.	1.4	6
68	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.	3.0	6
69	Homochiral oxazolidin-2-ones and imidazolidin-2-ones by tandem nucleophilic addition-conjugate addition. <i>Tetrahedron: Asymmetry</i> , 2004, 15, 1937-1943.	1.8	6
70	Stereoselective iodocyclisation of 3-acylamino-2-methylene alkanoates: a computational insight. <i>Tetrahedron</i> , 2006, 62, 10450-10455.	1.9	6
71	Straightforward Synthesis of (R,S)- β -Methyleneaspartic Acid, an Inhibitor of Glutamate-Aspartate Transaminase. <i>Monatshefte für Chemie</i> , 2006, 137, 357-363.	1.8	6
72	New Chiral 3-Naphthylaminomethylpyrrolidines: An Unexpected Epimerisation Reaction. <i>Heterocycles</i> , 1999, 51, 2463.	0.7	5

#	ARTICLE	IF	CITATIONS
73	Synthesis of chiral oxazolidin-2-ones from N-alkoxycarbonyl amino epoxides: a computational study Electronic supplementary information (ESI) available: structures of localized transition states. See http://www.rsc.org/suppdata/p1/b2/b203702e/ . Journal of the Chemical Society, Perkin Transactions 1, 2002, , 1650-1654.	1.3	4
74	Salt effects on mixed composition membranes containing an antioxidant lipophilic edaravone derivative: a computational-experimental study. Organic and Biomolecular Chemistry, 2022, 20, 5784-5795.	2.8	4
75	Stereoselective alkylation of chiral pyrrolidin-2-ones leading to novel conformationally restricted analogues of 3-methylaspartic acid: a computational investigation. Monatshefte für Chemie, 2012, 143, 1397-1403.	1.8	3
76	Synthesis, Structural Insights and Activity of Different Classes of Biomolecules. , 2020, , 463-482.		1
77	Influence of a lipophilic edaravone on physical state and activity of antioxidant liposomes: An experimental and in silico study. Colloids and Surfaces B: Biointerfaces, 2022, 210, 112217.	5.0	1
78	Stereoselective Synthesis of trans-4,5-Disubstituted Oxazolidin-2-ones by Intramolecular Conjugate Addition of N-p-Toluenesulfonyl Carbamates.. ChemInform, 2003, 34, no.	0.0	0
79	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.. ChemInform, 2004, 35, no.	0.0	0