Roberta Galeazzi

List of Publications by Year in descending order

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201385 233125 2,953 115 27 45 citations h-index g-index papers 116 116 116 4408 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Age-related differences in the expression of circulating microRNAs: miR-21 as a new circulating marker of inflammaging. Mechanisms of Ageing and Development, 2012, 133, 675-685.	2.2	218
2	Diagnostic potential of circulating miR-499-5p in elderly patients with acute non ST-elevation myocardial infarction. International Journal of Cardiology, 2013, 167, 531-536.	0.8	214
3	Plasma copper/zinc ratio: an inflammatory/nutritional biomarker as predictor of all-cause mortality in elderly population. Biogerontology, 2010, 11, 309-319.	2.0	145
4	Age- and glycemia-related miR-126-3p levels in plasma and endothelial cells. Aging, 2014, 6, 771-786.	1.4	105
5	Steady-state and time resolved fluorescence of albumins interacting with N-oleylethanolamine, a component of the endogenous N-acylethanolamines. , 2000, 40, 39-48.		93
6	Aged-related increase of high sensitive Troponin T and its implication in acute myocardial infarction diagnosis of elderly patients. Mechanisms of Ageing and Development, 2012, 133, 300-305.	2.2	64
7	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.	1.0	54
8	Stereoselective Iodocyclization of 3-Acylamino-2-methylene Alkanoates:  Synthesis of Analogues ofN-Benzoyl-syn-phenylisoserine. Organic Letters, 2004, 6, 2571-2574.	2.4	53
9	Synthesis of unsaturated β-amino acid derivatives from carbamates of the Baylis–Hillman products. Tetrahedron Letters, 2002, 43, 2199-2202.	0.7	48
10	Remodelling of biological parameters during human ageing: evidence for complex regulation in longevity and in type 2 diabetes. Age, 2013, 35, 419-429.	3.0	48
11	Age-related M1/M2 phenotype changes in circulating monocytes from healthy/unhealthy individuals. Aging, 2018, 10, 1268-1280.	1.4	48
12	Admission levels of circulating miR-499-5p and risk of death in elderly patients after acute non-ST elevation myocardial infarction. International Journal of Cardiology, 2014, 172, e276-e278.	0.8	46
13	Effect of ubiquinol supplementation on biochemical and oxidative stress indexes after intense exercise in young athletes. Redox Report, 2018, 23, 136-145.	1.4	41
14	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
15	Tumor necrosis factor-alpha gene ???308G>A polymorphism is associated with ST-elevation myocardial infarction and with high plasma levels of biochemical ischemia markers. Coronary Artery Disease, 2005, 16, 489-493.	0.3	38
16	Molecular Dynamics as a Tool in Rational Drug Design: Current Status and Some Major Applications. Current Computer-Aided Drug Design, 2009, 5, 225-240.	0.8	38
17	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.	1.5	38
18	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

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19	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.	2.6	37
20	Transthyretin inhibition of amyloid beta aggregation and toxicity. Clinical Biochemistry, 2005, 38, 1112-1119.	0.8	33
21	A short approach to chaetomellic 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.	1.0	33
22	Node of Ranvier as an Array of Bio-Nanoantennas for Infrared Communication in Nerve Tissue. Scientific Reports, 2018, 8, 539.	1.6	33
23	Conformationally restricted analogues of both (S)- \hat{l}^2 -homoserine and (S)-aspartic acid from chiral 3-acylamino pyrrolidin-2-ones. Tetrahedron, 2005, 61, 5465-5473.	1.0	31
24	Comparison of intracellular zinc signals in nonadherent lymphocytes from young-adult and elderly donors: role of zinc transporters (Zip family) and proinflammatory cytokines. Journal of Nutritional Biochemistry, 2012, 23, 1256-1263.	1.9	31
25	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.	1.1	31
26	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.	1.8	31
27	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.	1.1	30
28	Selective induction of apoptosis in MCF7 cancer-cell by targeted liposomes functionalised with mannose-6-phosphate. Journal of Drug Targeting, 2018, 26, 242-251.	2.1	30
29	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. Tetrahedron, 1999, 55, 261-270.	1.0	29
30	Monoalkylated Epigallocatechin-3-gallate (C18-EGCG) as Novel Lipophilic EGCG Derivative: Characterization and Antioxidant Evaluation. Antioxidants, 2020, 9, 208.	2.2	29
31	Accumulation of Cells With Short Telomeres Is Associated With Impaired Zinc Homeostasis and Inflammation in Old Hypertensive Participants. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2009, 64A, 745-751.	1.7	28
32	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. Tetrahedron: Asymmetry, 1996, 7, 3573-3584.	1.8	27
33	Effect of Epigallocatechin-3-Gallate on EGFR Signaling and Migration in Non-Small Cell Lung Cancer. International Journal of Molecular Sciences, 2021, 22, 11833.	1.8	27
34	Transferrin neutralization of amyloid β 25–35 cytotoxicity. Clinica Chimica Acta, 2004, 350, 129-136.	0.5	26
35	A possible Sâ€glutathionylation of specific proteins by glyoxalase II: An in vitro and in silico study. Cell Biochemistry and Function, 2016, 34, 620-627.	1.4	26
36	Protein–protein interactions of human glyoxalase II: findings of a reliable docking protocol. Organic and Biomolecular Chemistry, 2018, 16, 5167-5177.	1.5	26

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37	Ubiquinol Ameliorates Endothelial Dysfunction in Subjects with Mild-to-Moderate Dyslipidemia: A Randomized Clinical Trial. Nutrients, 2020, 12, 1098.	1.7	26
38	Torquetenovirus (TTV) load is associated with mortality in Italian elderly subjects. Experimental Gerontology, 2018, 112, 103-111.	1.2	25
39	Acetylcholinesterase inhibitors in Alzheimer's disease influence Zinc and Copper homeostasis. Journal of Trace Elements in Medicine and Biology, 2019, 55, 58-63.	1.5	25
40	Prediction of drug-carrier interactions of PLA and PLGA drug-loaded nanoparticles by molecular dynamics simulations. European Polymer Journal, 2021, 147, 110292.	2.6	24
41	Stereoselective reduction of chiral trans-3-acetyl-4-alkylpyrrolidin-2-ones. Tetrahedron: Asymmetry, 1999, 10, 587-605.	1.8	23
42	Irreversible inhibition of \hat{l} "16HER2 is necessary to suppress \hat{l} "16HER2-positive breast carcinomas resistant to Lapatinib. Cancer Letters, 2016, 381, 76-84.	3.2	23
43	Liposomal Formulations for an Efficient Encapsulation of Epigallocatechin-3-Gallate: An In-Silico/Experimental Approach. Molecules, 2018, 23, 441.	1.7	23
44	Salts Influence Cathechins and Flavonoids Encapsulation in Liposomes: A Molecular Dynamics Investigation. Molecular Informatics, 2017, 36, 1700059.	1.4	22
45	Circulating Inflamma-miRs as Potential Biomarkers of Cognitive Impairment in Patients Affected by Alzheimer's Disease. Frontiers in Aging Neuroscience, 2021, 13, 647015.	1.7	22
46	Association of MT1A haplotype with cardiovascular disease and antioxidant enzyme defense in elderly Greek population: comparison with an Italian cohort. Journal of Nutritional Biochemistry, 2010, 21, 1008-1014.	1.9	21
47	Synthesis, Characterization and Antioxidant Properties of a New Lipophilic Derivative of Edaravone. Antioxidants, 2019, 8, 258.	2.2	21
48	Steric constraints against [3,3]-sigmatropic rearrangement of allylic azides. A convenient approach to \hat{l}^2 -l-4-aminopent-2-enoglyceropyranosides. Tetrahedron: Asymmetry, 2001, 12, 2731-2741.	1.8	20
49	Synthesis of a conformationally restricted analog of pregabalin by stereoselective alkylation of a chiral pyrrolidin-2-one. Tetrahedron: Asymmetry, 2003, 14, 3353-3358.	1.8	20
50	Design and methodology of the screening for CKD among older patients across Europe (SCOPE) study: a multicenter cohort observational study. BMC Nephrology, 2018, 19, 260.	0.8	20
51	Prevalence of sarcopenia in community-dwelling older adults using the updated EWGSOP2 definition according to kidney function and albuminuria. BMC Geriatrics, 2020, 20, 327.	1.1	20
52	Diagnostic performance of new and classic CSF biomarkers in age-related dementias. Aging, 2019, 11, 2420-2429.	1.4	20
53	Albumin protects human red blood cells against A??25???35-induced lysis more effectively than ApoE. NeuroReport, 2002, 13, 2149-2154.	0.6	19
54	Effect of <scp>ZIP</scp> 2 Gln/Arg/Leu (rs2234632) polymorphism on zinc homeostasis and inflammatory response following zinc supplementation. BioFactors, 2015, 41, 414-423.	2.6	19

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55	Highly regio- and stereoselective iodocyclization of chiral 3-alkoxycarbonyl-4-propenyl-2,2-dimethyl-1,3-oxazolidines: a computational investigation. Tetrahedron: Asymmetry, 1999, 10, 1135-1143.	1.8	18
56	Chiral 3-hydroxypyrrolidin-2-ones from a Baylis–Hillman adduct: convergent, stereoselective synthesis of a glycosidase inhibitor. Tetrahedron: Asymmetry, 2004, 15, 3249-3256.	1.8	18
57	Catalytic Mechanism of Diaminopimelate Epimerase: A QM/MM Investigation. Journal of Chemical Theory and Computation, 2009, 5, 1915-1930.	2.3	17
58	Telomere/telomerase system impairment in circulating angiogenic cells of geriatric patients with heart failure. International Journal of Cardiology, 2013, 164, 99-105.	0.8	17
59	Thermodynamic vs. kinetic control in the stereoselective intramolecular conjugate addition of amide enolates leading to chiral trans-3,4-disubstituted pyrrolidin-2-ones. Tetrahedron, 1999, 55, 4029-4042.	1.0	16
60	1,3-Oxazin-2-ones vs tetrahydrofurans by iodocyclisation of 2-alkoxycarbonylamino-3-alken-1-ols. Tetrahedron: Asymmetry, 2000, 11, 3769-3777.	1.8	16
61	β-Pseudopeptide foldamers. The homo-oligomers of (4R)-(2-oxo-1,3-oxazolidin-4-yl)-acetic acid (D–Oxac). Organic and Biomolecular Chemistry, 2004, 2, 2181-2187.	1.5	16
62	Synthesis and structural characterisation as 12-helix of the hexamer of a $\hat{1}^2$ -amino acid tethered to a pyrrolidin-2-one ring. Chemical Communications, 2006, , 4915-4917.	2.2	16
63	A novel conformationally restricted analogue of 3-methylaspartic acid via stereoselective methylation of chiral pyrrolidin-2-ones. Tetrahedron, 2010, 66, 400-405.	1.0	16
64	Insight into the binding interactions of CYP450 aromatase inhibitors with their target enzyme: a combined molecular docking and molecular dynamics study. Journal of Molecular Modeling, 2012, 18, 1153-1166.	0.8	16
65	Encapsulation of a Neutral Molecule into a Cationic Clay Material: Structural Insight and Cytotoxicity of Resveratrol/Layered Double Hydroxide/BSA Nanocomposites. Nanomaterials, 2020, 10, 33.	1.9	16
66	The inflammation-sensitive protein alpha 1 -anti-chymotrypsin neutralizes fibrillar aggregation and cytotoxicity of the beta-amyloid peptide more effectively than alpha 1 -antitrypsin. Clinical Biochemistry, 2007, 40, 887-892.	0.8	15
67	Analogues of both Leu- and Met-enkephalin containing a constrained dipeptide isostere prepared from a Baylis-Hillman adduct. Amino Acids, 2010, 38, 1057-1065.	1.2	15
68	Insights into the influence of 5-HT2c aminoacidic variants with the inhibitory action of serotonin inverse agonists and antagonists. Journal of Molecular Modeling, 2014, 20, 2120.	0.8	15
69	Association among 1267 A/G HSP70-2, â^308 G/A TNF-α polymorphisms and pro-inflammatory plasma mediators in old ZincAge population. Biogerontology, 2014, 15, 65-79.	2.0	15
70	The Report-AGE project: a permanent epidemiological observatory to identify clinical and biological markers of health outcomes in elderly hospitalized patients in Italy. Aging Clinical and Experimental Research, 2015, 27, 893-901.	1.4	15
71	Chronic kidney disease in the context of multimorbidity patterns: the role of physical performance. BMC Geriatrics, 2020, 20, 350.	1.1	15
72	Molecular dynamics simulations of quinine encapsulation into biodegradable nanoparticles: A possible new strategy against Sars-CoV-2. European Polymer Journal, 2021, 158, 110685.	2.6	15

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73	Quaternary Centres as a Tool for Modulating Foldamer Conformation. Chemistry - A European Journal, 2011, 17, 12564-12568.	1.7	14
74	Fibrillation properties of human α1-acid glycoprotein. Biochimie, 2013, 95, 158-166.	1.3	14
75	Effects of zinc-fortified drinking skim milk (as functional food) on cytokine release and thymic hormone activity in very old persons: a pilot study. Age, 2014, 36, 9656.	3.0	14
76	Association between kidney function, nutritional status and anthropometric measures in older people. BMC Geriatrics, 2020, 20, 366.	1.1	14
77	Anandamide and its congeners inhibit human plasma butyrylcholinesterase. Possible new roles for these endocannabinoids?. Biochimie, 2011, 93, 1584-1591.	1.3	13
78	Cerebrospinal fluid biomarkers and cognitive status in differential diagnosis of frontotemporal dementia and Alzheimer's disease. Journal of International Medical Research, 2019, 47, 4968-4980.	0.4	13
79	Impaired kidney function is associated with lower quality of life among community-dwelling older adults. BMC Geriatrics, 2020, 20, 340.	1.1	13
80	Chiral 3-hydroxypyrrolidin-2-ones. Part 2: Stereodivergent synthesis of conformationally restricted analogues of \hat{l}^2 -homoserine. Tetrahedron: Asymmetry, 2005, 16, 1779-1787.	1.8	12
81	Clustering of ABCB1 and CYP2C19 Genetic Variants Predicts Risk of Major Bleeding and Thrombotic Events in Elderly Patients with Acute Coronary Syndrome Receiving Dual Antiplatelet Therapy with Aspirin and Clopidogrel. Drugs and Aging, 2018, 35, 649-656.	1.3	12
82	Insights into the Molecular Mechanisms of Eg5 Inhibition by (+)-Morelloflavone. Pharmaceuticals, 2019, 12, 58.	1.7	12
83	Diastereoselective hetero-diels-alder cycloaddition of a C-nitroso compound prepared starting from a homochiral imidazolidin-2-one. Tetrahedron: Asymmetry, 1994, 5, 1535-1540.	1.8	11
84	Stereoselective approach to uncommon tripeptides incorporating a 2,6-diaminopimelic acid framework: X-ray analysis and conformational studies. Part 4. Tetrahedron: Asymmetry, 2005, 16, 1103-1112.	1.8	11
85	A New Conformationally Restricted Mimetic of Dipeptide EG – Synthesis of an Analogue of FEG. European Journal of Organic Chemistry, 2007, 2007, 4402-4407.	1.2	11
86	ZnT8 Arg325Trp polymorphism influences zinc transporter expression and cytokine production in PBMCs from patients with diabetes. Diabetes Research and Clinical Practice, 2018, 144, 102-110.	1.1	11
87	Acetylshikonin isolated from Lithospermum erythrorhizon roots inhibits dihydrofolate reductase and hampers autochthonous mammary carcinogenesis in î°16HER2 transgenic mice. Pharmacological Research, 2020, 161, 105123.	3.1	11
88	Berberine Derivatives as Pseudomonas aeruginosa MexXY-OprM Inhibitors: Activity and In Silico Insights. Molecules, 2021, 26, 6644.	1.7	11
89	Reduction of 1,4-quinone and Ubiquinones by Hydrogen Atom Transfer under UVA Irradiation. Free Radical Research, 2002, 36, 399-404.	1.5	10
90	Investigation on genetic thrombophilic factors in FFPE autopsy tissue from subjects who died from pulmonary embolism. International Journal of Legal Medicine, 2017, 131, 447-458.	1.2	10

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91	The Natural Alkaloid Berberine Can Reduce the Number of <i>Pseudomonas aeruginosa</i> Tolerant Cells. Journal of Natural Products, 2021, 84, 993-1001.	1.5	10
92	Tuning curvature and phase behavior of monoolein bilayers by epigallocatechin-3-gallate: Structural insight and cytotoxicity. Colloids and Surfaces B: Biointerfaces, 2022, 209, 112171.	2.5	10
93	Diabetes, sarcopenia and chronic kidney disease; the Screening for CKD among Older People across Europe (SCOPE) study. BMC Geriatrics, 2022, 22, 254.	1.1	10
94	Stereoselective reductive amination of chiral trans-3-acetyl-4-alkylpyrrolidin-2-ones. Tetrahedron: Asymmetry, 2003, 14, 3697-3703.	1.8	9
95	HIF-1-Dependent Induction of \hat{I}^2 3 Adrenoceptor: Evidence from the Mouse Retina. Cells, 2022, 11, 1271.	1.8	9
96	Combination of biomarkers to predict mortality in elderly patients with myocardial infarction. Mechanisms of Ageing and Development, 2008, 129, 231-237.	2.2	8
97	Bovine $\hat{l}\pm 1$ -acid glycoprotein, a thermostable version of its human counterpart: Insights from Fourier transform infrared spectroscopy and in silico modelling. Biochimie, 2014, 102, 19-28.	1.3	8
98	Oxidative Stress in Elderly with Different Cognitive Status: My Mind Project. Journal of Alzheimer's Disease, 2018, 63, 1405-1414.	1.2	8
99	Role of Tobramycin in the Induction and Maintenance of Viable but Non-Culturable Pseudomonas aeruginosa in an In Vitro Biofilm Model. Antibiotics, 2020, 9, 399.	1.5	8
100	Three Months Monitored Metabolic Fitness Modulates Cardiovascular Risk Factors in Diabetic Patients. Diabetes and Metabolism Journal, 2019, 43, 893.	1.8	8
101	In vitro apolipoprotein E protects human red blood cells against lysis induced by amyloid-beta $(A\hat{l}^2)$ fragment 25-35. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2002, 9, 103-107.	1.4	6
102	Homochiral oxazolidin-2-ones and imidazolidin-2-ones by tandem nucleophilic addition–conjugate addition. Tetrahedron: Asymmetry, 2004, 15, 1937-1943.	1.8	6
103	Stereoselective iodocyclisation of 3-acylamino-2-methylene alkanoates: a computational insight. Tetrahedron, 2006, 62, 10450-10455.	1.0	6
104	Straightforward Synthesis of (R,S)- \hat{l}^2 -Methyleneaspartic Acid, an Inhibitor of Glutamate-Aspartate Transaminase. Monatshefte FÅ $\frac{1}{4}$ r Chemie, 2006, 137, 357-363.	0.9	6
105	Precision and accuracy of the new XPrecia Stride mobile coagulometer. Thrombosis Research, 2017, 156, 51-53.	0.8	6
106	Oral ulcer by Sphingomonas paucimobilis: first report. International Journal of Oral and Maxillofacial Surgery, 2016, 45, 1280-1282.	0.7	5
107	Kidney function and other factors and their association with falls. BMC Geriatrics, 2020, 20, 320.	1.1	5
108	Is kidney function associated with cognition and mood in late life?. BMC Geriatrics, 2020, 20, 297.	1.1	4

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109	Salt effects on mixed composition membranes containing an antioxidant lipophilic edaravone derivative: a computational-experimental study. Organic and Biomolecular Chemistry, 2022, 20, 5784-5795.	1.5	4
110	Coenzyme Q ₁₀ , antioxidant status and ApoE isoforms. BioFactors, 2003, 18, 299-305.	2.6	3
111	Stereoselective alkylation of chiral pyrrolidin-2-ones leading to novel conformationally restricted analogues of 3-methylaspartic acid: a computational investigation. Monatshefte Fýr Chemie, 2012, 143, 1397-1403.	0.9	3
112	Involvement of different hemoprotein thiol groups of Oncorhynchus mykiss in cadmium toxicity. Journal of Trace Elements in Medicine and Biology, 2021, 66, 126746.	1.5	3
113	The Association between Single Nucleotide Polymorphisms, including miR-499a Genetic Variants, and Dyslipidemia in Subjects Treated with Pharmacological or Phytochemical Lipid-Lowering Agents. International Journal of Molecular Sciences, 2022, 23, 5617.	1.8	2
114	Differential course of HIV-1 infection and apolipoprotein E polymorphism. Open Medicine (Poland), 2007, 2, 404-416.	0.6	1
115	Prognostic relevance of normocytic anemia in elderly patients affected by cardiovascular disease. Journal of Geriatric Cardiology, 2021, 18, 654-662.	0.2	0