

Mariano Stornaiuolo

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

2,613
citations

236612

25
h-index

205818

48
g-index

74
all docs

74
docs citations

74
times ranked

4478
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of four inorganic impurities “ iron, copper, nickel and zinc - on the quality attributes of a Fc-fusion protein upon incubation at different temperatures. <i>European Journal of Pharmaceutical Sciences</i> , 2022, 172, 106139.	1.9	1
2	Thyroid hormone regulates glutamine metabolism and anaplerotic fluxes by inducing mitochondrial glutamate aminotransferase GPT2. <i>Cell Reports</i> , 2022, 38, 110409.	2.9	6
3	Anticancer Activity of (S)-5-Chloro-3-((3,5-dimethylphenyl)sulfonyl)-N-(1-oxo-1-((pyridin-4-ylmethyl)amino)propan-2-yl)-1H-indole-2-carboxamide (RS4690), a New Dishevelled 1 Inhibitor. <i>Cancers</i> , 2022, 14, 1358.		4
4	A Glimpse at Siderophores Production by <i>Anabaena flos-aquae</i> UTEX 1444. <i>Marine Drugs</i> , 2022, 20, 256.	2.2	5
5	Guaiane-rich phytochemical profile of <i>Centaurea kotschyi</i> subsp. <i>persica</i> (Boiss.) Wagenitz and identification of hypoglycaemic metabolites. <i>Phytochemistry</i> , 2022, 199, 113189.	1.4	3
6	Thyroid Hormone Receptor Isoforms Alpha and Beta Play Convergent Roles in Muscle Physiology and Metabolic Regulation. <i>Metabolites</i> , 2022, 12, 405.	1.3	8
7	Multicomponent Hydrogel Matrices of Fmoc-FF and Cationic Peptides for Application in Tissue Engineering. <i>Macromolecular Bioscience</i> , 2022, 22, e2200128.	2.1	9
8	Genotoxic Assessment of Nutraceuticals Obtained from Agricultural Biowaste: Where Do We “AMES”? <i>Antioxidants</i> , 2022, 11, 1197.	2.2	5
9	Promelanogenic Effects by an Annurca Apple-Based Natural Formulation in Human Primary Melanocytes. <i>Clinical, Cosmetic and Investigational Dermatology</i> , 2021, Volume 14, 291-301.	0.8	4
10	In vivo bioavailability and in vitro toxicological evaluation of the new butyric acid releaser N-(1-carbamoyl-2-phenyl-ethyl) butyramide. <i>Biomedicine and Pharmacotherapy</i> , 2021, 137, 111385.	2.5	8
11	Thyroid Hormone Enhances Angiogenesis and the Warburg Effect in Squamous Cell Carcinomas. <i>Cancers</i> , 2021, 13, 2743.	1.7	11
12	Salvigenin, a Trimethoxylated Flavone from <i>Achillea Wilhelmsii</i> C. Koch, Exerts Combined Lipid-Lowering and Mitochondrial Stimulatory Effects. <i>Antioxidants</i> , 2021, 10, 1042.	2.2	11
13	The evolving landscape of untargeted metabolomics. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 1645-1652.	1.1	28
14	Self-Supporting Hydrogels Based on Fmoc-Derivatized Cationic Hexapeptides for Potential Biomedical Applications. <i>Biomedicines</i> , 2021, 9, 678.	1.4	14
15	Monitoring Cyanobacterial Blooms during the COVID-19 Pandemic in Campania, Italy: The Case of Lake Avernus. <i>Toxins</i> , 2021, 13, 471.	1.5	10
16	Selective Inhibition of Genomic and Non-Genomic Effects of Thyroid Hormone Regulates Muscle Cell Differentiation and Metabolic Behavior. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7175.	1.8	11
17	Glutamine promotes escape from therapy-induced senescence in tumor cells. <i>Aging</i> , 2021, 13, 20962-20991.	1.4	20
18	Metabolites Profiling of Melanoma Interstitial Fluids Reveals Uridine Diphosphate as Potent Immune Modulator Capable of Limiting Tumor Growth. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 730726.	1.8	13

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19	Oral Bisphenol A Worsens Liver Immune-Metabolic and Mitochondrial Dysfunction Induced by High-Fat Diet in Adult Mice: Cross-Talk between Oxidative Stress and Inflammasome Pathway. Antioxidants, 2020, 9, 1201.	2.2	18
20	Glycosylated Phenols and an Unprecedented Diacid from the Saudi Plant <i>Cissus rotundifolia</i> . Journal of Natural Products, 2020, 83, 3298-3304.	1.5	5
21	Genotoxicity Assessment of Three Nutraceuticals Containing Natural Antioxidants Extracted from Agri-Food Waste Biomasses. Foods, 2020, 9, 1461.	1.9	9
22	Metabolic profiling, in vitro bioaccessibility and in vivo bioavailability of a commercial bioactive <i>Epilobium angustifolium</i> L. extract. Biomedicine and Pharmacotherapy, 2020, 131, 110670.	2.5	24
23	May Polyphenols Have a Role Against Coronavirus Infection? An Overview of in vitro Evidence. Frontiers in Medicine, 2020, 7, 240.	1.2	69
24	The Hepatoprotective Effect of Taurisolo, a Nutraceutical Enriched in Resveratrol and Polyphenols, Involves Activation of Mitochondrial Metabolism in Mice Liver. Antioxidants, 2020, 9, 410.	2.2	20
25	MHC class II invariant chain-adjuvanted viral vectored vaccines enhances T cell responses in humans. Science Translational Medicine, 2020, 12, .	5.8	20
26	The NANOG Transcription Factor Induces Type 2 Deiodinase Expression and Regulates the Intracellular Activation of Thyroid Hormone in Keratinocyte Carcinomas. Cancers, 2020, 12, 715.	1.7	14
27	The Thyroid Hormone Inactivator Enzyme, Type 3 Deiodinase, Is Essential for Coordination of Keratinocyte Growth and Differentiation. Thyroid, 2020, 30, 1066-1078.	2.4	15
28	The Pomace Extract Taurisolo Protects Rat Brain From Ischemia-Reperfusion Injury. Frontiers in Cellular Neuroscience, 2020, 14, 3.	1.8	23
29	Polyphenols: A concise overview on the chemistry, occurrence, and human health. Phytotherapy Research, 2019, 33, 2221-2243.	2.8	493
30	Molecular Scavengers, Oxidative Stress and Cardiovascular Disease. Journal of Clinical Medicine, 2019, 8, 1895.	1.0	10
31	Fmoc-FF and hexapeptide-based multicomponent hydrogels as scaffold materials. Soft Matter, 2019, 15, 487-496.	1.2	70
32	A Boost in Mitochondrial Activity Underpins the Cholesterol-Lowering Effect of Annurca Apple Polyphenols on Hepatic Cells. Nutrients, 2019, 11, 163.	1.7	24
33	Fruit-based juices: Focus on antioxidant properties—Study approach and update. Phytotherapy Research, 2019, 33, 1754-1769.	2.8	17
34	Effect of Grape Pomace Polyphenols With or Without Pectin on TMAO Serum Levels Assessed by LC/MS-Based Assay: A Preliminary Clinical Study on Overweight/Obese Subjects. Frontiers in Pharmacology, 2019, 10, 575.	1.6	44
35	Induction of Hair Keratins Expression by an Annurca Apple-Based Nutraceutical Formulation in Human Follicular Cells. Nutrients, 2019, 11, 3041.	1.7	14
36	Effects of Grape Pomace Polyphenolic Extract (Taurisolo®) in Reducing TMAO Serum Levels in Humans: Preliminary Results from a Randomized, Placebo-Controlled, Cross-Over Study. Nutrients, 2019, 11, 139.	1.7	68

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37	Development of Macrocyclic Peptidomimetics Containing Constrained β , β -Dialkylated Amino Acids with Potent and Selective Activity at Human Melanocortin Receptors. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 4263-4269.	2.9	11
38	A Negative Allosteric Modulator of WNT Receptor Frizzled 4 Switches into an Allosteric Agonist. <i>Biochemistry</i> , 2018, 57, 839-851.	1.2	21
39	Bax Activation Blocks Self-Renewal and Induces Apoptosis of Human Glioblastoma Stem Cells. <i>ACS Chemical Neuroscience</i> , 2018, 9, 85-99.	1.7	22
40	Annurca Apple Nutraceutical Formulation Enhances Keratin Expression in a Human Model of Skin and Promotes Hair Growth and Tropism in a Randomized Clinical Trial. <i>Journal of Medicinal Food</i> , 2018, 21, 90-103.	0.8	26
41	Urokinase receptor derived peptides as potent inhibitors of the formyl peptide receptor type 1-triggered cell migration. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 348-360.	2.6	12
42	Annurca Apple Polyphenols Protect Murine Hair Follicles from Taxane Induced Dystrophy and Hijacks Polyunsaturated Fatty Acid Metabolism toward β -Oxidation. <i>Nutrients</i> , 2018, 10, 1808.	1.7	20
43	Annurca Apple Polyphenols Ignite Keratin Production in Hair Follicles by Inhibiting the Pentose Phosphate Pathway and Amino Acid Oxidation. <i>Nutrients</i> , 2018, 10, 1406.	1.7	20
44	A nutraceutical formulation based on Annurca apple polyphenolic extract is effective on intestinal cholesterol absorption: A randomised, placebo-controlled, crossover study. <i>PharmaNutrition</i> , 2018, 6, 85-94.	0.8	13
45	Reduced Frizzled Receptor 4 Expression Prevents WNT/ β -Catenin-driven Alveolar Lung Repair in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 172-185.	2.5	85
46	Chiral Indolylarylsulfone Non-Nucleoside Reverse Transcriptase Inhibitors as New Potent and Broad Spectrum Anti-HIV-1 Agents. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 6528-6547.	2.9	19
47	Annurca apple (<i>M. pumila</i> Miller cv Annurca) extracts act against stress and ageing in <i>S. cerevisiae</i> yeast cells. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 200.	3.7	17
48	Development of an improved online comprehensive hydrophilic interaction chromatography—Reversed-phase ultra-high-pressure liquid chromatography platform for complex multiclass polyphenolic sample analysis. <i>Journal of Separation Science</i> , 2017, 40, 2188-2197.	1.3	45
49	A Healthy Balance of Plasma Cholesterol by a Novel Annurca Apple-Based Nutraceutical Formulation: Results of a Randomized Trial. <i>Journal of Medicinal Food</i> , 2017, 20, 288-300.	0.8	21
50	A fast route for the synthesis of tetrazolyl oximes by a novel multicomponent reaction between Z-chlorooximes, isocyanides and trimethylsilyl azide. <i>Tetrahedron Letters</i> , 2017, 58, 3549-3553.	0.7	6
51	Annurca (<i>Malus pumila</i> Miller cv. Annurca) apple as a functional food for the contribution to a healthy balance of plasma cholesterol levels: results of a randomized clinical trial. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 2107-2115.	1.7	34
52	Nutraceuticals: A paradigm of proactive medicine. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 96, 53-61.	1.9	221
53	WNT Inhibitory Activity of <i>Malus pumila</i> Miller cv Annurca and <i>Malus domestica</i> cv Limoncella Apple Extracts on Human Colon-Rectal Cells Carrying Familial Adenomatous Polyposis Mutations. <i>Nutrients</i> , 2017, 9, 1262.	1.7	17
54	Lead Optimization of 2-Phenylindolylglyoxyldipeptide Murine Double Minute (MDM)2/Translocator Protein (TSPO) Dual Inhibitors for the Treatment of Gliomas. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 4526-4538.	2.9	28

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55	Screening Platform toward New Anti-HIV Aptamers Set on Molecular Docking and Fluorescence Quenching Techniques. <i>Analytical Chemistry</i> , 2016, 88, 2327-2334.	3.2	18
56	Endogenous vs Exogenous Allosteric Modulators in GPCRs: A dispute for shuttling CB1 among different membrane microenvironments. <i>Scientific Reports</i> , 2015, 5, 15453.	1.6	41
57	Detailed polyphenolic profiling of Annurca apple (<i>M. pumila</i> Miller cv Annurca) by a combination of RP-UHPLC and HILIC, both hyphenated to IT-TOF mass spectrometry. <i>Food Research International</i> , 2015, 76, 466-477.	2.9	32
58	Structure-Based Lead Optimization and Biological Evaluation of BAX Direct Activators as Novel Potential Anticancer Agents. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 2135-2148.	2.9	41
59	(1S,3R,4S,5R)5-O-Caffeoylquinic acid: Isolation, stereo-structure characterization and biological activity. <i>Food Chemistry</i> , 2015, 178, 306-310.	4.2	26
60	Pharmacological folding chaperones act as allosteric ligands of Frizzled4. <i>Nature Chemical Biology</i> , 2015, 11, 280-286.	3.9	35
61	Synthesis, biological activity and molecular modeling of new biphenylic carboxamides as potent and selective CB2 receptor ligands. <i>European Journal of Medicinal Chemistry</i> , 2015, 90, 526-536.	2.6	18
62	Nutraceuticals: Beyond the Diet Before the Drugs. <i>Current Bioactive Compounds</i> , 2014, 10, 1-12.	0.2	68
63	Effects of Annurca apple polyphenols on lipid metabolism in HepG2 cell lines: A source of nutraceuticals potentially indicated for the metabolic syndrome. <i>Food Research International</i> , 2014, 63, 252-257.	2.9	28
64	Beyond radio-displacement techniques for Identification of CB1 Ligands: The First Application of a Fluorescence-quenching Assay. <i>Scientific Reports</i> , 2014, 4, 3757.	1.6	21
65	Nutraceutical potential of polyphenolic fractions from Annurca apple (<i>M. pumila</i> Miller cv Annurca). <i>Food Chemistry</i> , 2013, 140, 614-622.	4.2	40
66	In vitro bioaccessibility, bioavailability and plasma protein interaction of polyphenols from Annurca apple (<i>M. pumila</i> Miller cv Annurca). <i>Food Chemistry</i> , 2013, 141, 3519-3524.	4.2	70
67	Assembly of a π - π stack of ligands in the binding site of an acetylcholine-binding protein. <i>Nature Communications</i> , 2013, 4, 1875.	5.8	55
68	The cytosolic chaperone β -Crystallin B rescues appropriate folding and compartmentalization of misfolded multispan transmembrane proteins. <i>Journal of Cell Science</i> , 2013, 126, 4160-72.	1.2	31
69	A disorder-to-order structural transition in the COOH-tail of Fz4 determines misfolding of the L501fsX533-Fz4 mutant. <i>Scientific Reports</i> , 2013, 3, 2659.	1.6	18
70	Transient transfection coupled to baculovirus infection for rapid protein expression screening in insect cells. <i>Journal of Structural Biology</i> , 2012, 179, 46-55.	1.3	19
71	Indole-2-carboxamides as Allosteric Modulators of the Cannabinoid CB1 Receptor. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 5627-5631.	2.9	54
72	PrPC Association with Lipid Rafts in the Early Secretory Pathway Stabilizes Its Cellular Conformation. <i>Molecular Biology of the Cell</i> , 2004, 15, 4031-4042.	0.9	125

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73	KDEL and KKXX Retrieval Signals Appended to the Same Reporter Protein Determine Different Trafficking between Endoplasmic Reticulum, Intermediate Compartment, and Golgi Complex. <i>Molecular Biology of the Cell</i> , 2003, 14, 889-902.	0.9	99