

Alessandra Gianoncelli

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67
papers

1,532
citations

22
h-index

37
g-index

72
ext. papers

1,820
ext. citations

4.4
avg, IF

4.75
L-index

#	Paper	IF	Citations
67	Exploring SARS-CoV-2 Delta variant spike protein receptor-binding domain (RBD) as a target for tanshinones and antimalarials.. <i>Natural Product Research</i> , 2022 , 1-6	2.3	1
66	Phase II study of cabazitaxel as second-third line treatment in patients with metastatic adrenocortical carcinoma.. <i>ESMO Open</i> , 2022 , 7, 100422	6	1
65	Biochemical, Biophysical and Functional Characterization of an Insoluble Iron Containing HepcidinFerritin Chimeric Monomer Assembled Together with Human Ferritin H/L Chains at Different Molar Ratios. <i>Current Issues in Molecular Biology</i> , 2022 , 44, 117-127	2.9	
64	Evidence on selective binding to G-quadruplex DNA of isoflavones from by mass spectrometry and molecular docking. <i>Natural Product Research</i> , 2021 , 35, 2583-2587	2.3	7
63	Critical Review on the Chemical Aspects of Cannabidiol (CBD) and Harmonization of Computational Bioactivity Data. <i>Current Medicinal Chemistry</i> , 2021 , 28, 213-237	4.3	11
62	Food Waste-Assisted Metal Extraction from Printed Circuit Boards: The Route. <i>Microorganisms</i> , 2021 , 9,	4.9	2
61	Selenoxide Elimination Triggers Enamine Hydrolysis to Primary and Secondary Amines: A Combined Experimental and Theoretical Investigation. <i>Molecules</i> , 2021 , 26,	4.8	1
60	Insight into the LFA-1/SARS-CoV-2 Orf7a Complex by Protein-Protein Docking, Molecular Dynamics, and MM-GBSA Calculations. <i>Journal of Chemical Information and Modeling</i> , 2021 , 61, 2780-2787	6.1	13
59	Multi-target Natural and Nature-Inspired Compounds against Neurodegeneration: A Focus on Dual Cholinesterase and Phosphodiesterase Inhibitors. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 5044	2.6	3
58	Computational and experimental insights on the interaction of artemisinin, dihydroartemisinin and chloroquine with SARS-CoV-2 spike protein receptor-binding domain (RBD). <i>Natural Product Research</i> , 2021 , 1-6	2.3	11
57	Cyclodextrins enable indirect ultrasensitive Raman detection of polychlorinated biphenyls captured by plasmonic bubbles. <i>Chemical Physics Letters</i> , 2021 , 775, 138674	2.5	1
56	Natural phosphodiesterase 5 (PDE5) inhibitors: a computational approach. <i>Natural Product Research</i> , 2021 , 35, 1648-1653	2.3	10
55	Phytochemical Analysis and Anti-Inflammatory Activity of Different Ethanolic Phyto-Extracts of L. <i>Biomolecules</i> , 2021 , 11,	5.9	28
54	Prosocial Effects of Nonpsychotropic in Mice. <i>Cannabis and Cannabinoid Research</i> , 2021 ,	4.6	3
53	Combining Electrospray Mass Spectrometry (ESI-MS) and Computational Techniques in the Assessment of G-Quadruplex Ligands: A Hybrid Approach to Optimize Hit Discovery. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 13174-13190	8.3	1
52	A Drug Repurposing Approach for Antimalarials Interfering with SARS-CoV-2 Spike Protein Receptor Binding Domain (RBD) and Human Angiotensin-Converting Enzyme 2 (ACE2). <i>Pharmaceuticals</i> , 2021 , 14,	5.2	6
51	A Perspective on Natural and Nature-Inspired Small Molecules Targeting Phosphodiesterase 9 (PDE9): Chances and Challenges against Neurodegeneration. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	4

50	Enhanced G-quadruplex selectivity of flavonoid glycoside rutin over quercetin. <i>Natural Product Research</i> , 2020 , 1-5	2.3	2
49	Photoactivated semi-synthetic derivative of osajin selectively interacts with G-quadruplex DNA. <i>Natural Product Research</i> , 2020 , 1-6	2.3	3
48	Therapeutic Potential of Phosphodiesterase Inhibitors against Neurodegeneration: The Perspective of the Medicinal Chemist. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 1726-1739	5.7	12
47	Fluoxetine scaffold to design tandem molecular antioxidants and green catalysts.. <i>RSC Advances</i> , 2020 , 10, 18583-18593	3.7	11
46	Enlightening Gliotoxin Biological System in Agriculturally Relevant spp. <i>Frontiers in Microbiology</i> , 2020 , 11, 200	5.7	7
45	2-(3,4-Dihydroxyphenyl)-4-(2-(4-nitrophenyl)hydrazono)-4H-chromene-3,5,7-triol. <i>MolBank</i> , 2020 , 2020, M1144	0.5	5
44	Alginate-Derived Active Blend Enhances Adsorption and Photocatalytic Removal of Organic Pollutants in Water. <i>Advanced Sustainable Systems</i> , 2020 , 4, 1900112	5.9	13
43	9,10-Bis[(4-(2-hydroxyethyl)piperazine-1-yl)prop-2-yne-1-yl]anthracene: Synthesis and G-quadruplex Selectivity. <i>MolBank</i> , 2020 , 2020, M1138	0.5	0
42	Cellular binding analysis of recombinant hybrid heteropolymer of camel hepcidin and human ferritin H chain. The unexpected human H-ferritin binding to J774 murine macrophage cells. <i>Molecular Biology Reports</i> , 2020 , 47, 1265-1273	2.8	0
41	Combinatorial library generation, molecular docking and molecular dynamics simulations for enhancing the isoflavone scaffold in phosphodiesterase inhibition. <i>New Journal of Chemistry</i> , 2020 , 44, 19472-19488	3.6	3
40	Plasmonic hydrogels for capture, detection and removal of organic pollutants. <i>Environmental Science: Nano</i> , 2020 , 7, 3888-3900	7.1	15
39	A computational approach to drug repurposing against SARS-CoV-2 RNA dependent RNA polymerase (RdRp). <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 1-8	3.6	14
38	Investigation of the molecular reactivity of bioactive oxiranylmethoxy anthraquinones. <i>Archiv Der Pharmazie</i> , 2019 , 352, e1900030	4.3	6
37	Zeolite Clinoptilolite: Therapeutic Virtues of an Ancient Mineral. <i>Molecules</i> , 2019 , 24,	4.8	46
36	Cannabidiol: Recent advances and new insights for neuropsychiatric disorders treatment. <i>Life Sciences</i> , 2019 , 224, 120-127	6.8	68
35	Cannabimimetic plants: are they new cannabinoidergic modulators?. <i>Planta</i> , 2019 , 249, 1681-1694	4.7	67
34	Parallelism of Chemicostuctural Properties between Filgrastim Originator and Three of Its Biosimilar Drugs. <i>Journal of Chemistry</i> , 2019 , 2019, 1-15	2.3	2
33	Adrenocortical Carcinoma Xenograft in Zebrafish Embryos as a Model To Study the In Vivo Cytotoxicity of Abiraterone Acetate. <i>Endocrinology</i> , 2019 , 160, 2620-2629	4.8	4

32	Synthesis via A3 Coupling Reaction of Anthracene-Propargylamine as a New Scaffold for the Interaction with DNA. <i>ChemistrySelect</i> , 2019 , 4, 13138-13142	1.8	7
31	Graphene Oxide/Iron Oxide Nanocomposites for Water Remediation. <i>ACS Applied Nano Materials</i> , 2018 , 1, 6724-6732	5.6	34
30	Study of ferritin self-assembly and heteropolymer formation by the use of Fluorescence Resonance Energy Transfer (FRET) technology. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017 , 1861, 522-532 ⁴		16
29	Production and characterization of functional recombinant hybrid heteropolymers of camel hepcidin and human ferritin H and L chains. <i>Protein Engineering, Design and Selection</i> , 2017 , 30, 77-84	1.9	6
28	Expression and characterization of the ferritin binding domain of Nuclear Receptor Coactivator-4 (NCOA4). <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017 , 1861, 2710-2716	4	29
27	Recombinant overexpression of camel hepcidin cDNA in <i>Pichia pastoris</i> : purification and characterization of the polyHis-tagged peptide HepcD-His. <i>Journal of Molecular Recognition</i> , 2017 , 30, e2561	2.6	2
26	Down-regulation of coasy, the gene associated with NBIA-VI, reduces Bmp signaling, perturbs dorso-ventral patterning and alters neuronal development in zebrafish. <i>Scientific Reports</i> , 2016 , 6, 37660 ⁴⁻⁹	4.9	26
25	"RaMassays": Synergistic Enhancement of Plasmon-Free Raman Scattering and Mass Spectrometry for Multimodal Analysis of Small Molecules. <i>Scientific Reports</i> , 2016 , 6, 34521	4.9	24
24	Cavitands Endow All-Dielectric Beads With Selectivity for Plasmon-Free Enhanced Raman Detection of NEMethylated Lysine. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 14944-51	9.5	22
23	Computational and functional analysis of biopharmaceutical drugs in zebrafish: Erythropoietin as a test model. <i>Pharmacological Research</i> , 2015 , 102, 12-21	10.2	7
22	An Integrated Approach for a Structural and Functional Evaluation of Biosimilars: Implications for Erythropoietin. <i>BioDrugs</i> , 2015 , 29, 285-300	7.9	24
21	Review of fly ash inertisation treatments and recycling. <i>Environmental Chemistry Letters</i> , 2014 , 12, 153-175 ³	12.3	138
20	Novel ametantrone-amsacrine related hybrids as topoisomerase II β poisons and cytotoxic agents. <i>Archiv Der Pharmazie</i> , 2014 , 347, 728-37	4.3	7
19	Biosafe inertization of municipal solid waste incinerator residues by COSMOS technology. <i>Journal of Hazardous Materials</i> , 2014 , 279, 311-21	12.8	25
18	A new nanotechnology of fly ash inertization based on the use of silica gel extracted from rice husk ash and microwave treatment. <i>Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanoengineering and Nanosystems</i> , 2014 , 228, 27-32		6
17	A new method to inertize incinerator toxic fly ash with silica from rice husk ash. <i>Environmental Chemistry Letters</i> , 2013 , 11, 329-333	13.3	37
16	Metal fractionation in soils and assessment of environmental contamination in Vallecamonica, Italy. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 5067-75	5.1	58
15	Inertisation of heavy metals in municipal solid waste incineration fly ash by means of colloidal silica \square synchrotron X-ray diffraction and absorption study. <i>RSC Advances</i> , 2013 , 3, 14339	3.7	21

14	One-way and two-way shape memory behaviour of semi-crystalline networks based on sol-gel cross-linked poly(ϵ -caprolactone). <i>Polymer</i> , 2013 , 54, 4253-4265	3.9	90
13	Fly Ash Pollutants, Treatment and Recycling. <i>Environmental Chemistry for A Sustainable World</i> , 2013 , 103-213	0.8	11
12	Utilization of Third-Stage Waste from a Rice Production for Removal of H ₂ S, NO ₂ and SO ₂ from Air. <i>Adsorption Science and Technology</i> , 2013 , 31, 199-212	3.6	1
11	Processing and properties of polypropylene-based composites containing inertized fly ash from municipal solid waste incineration. <i>Journal of Applied Polymer Science</i> , 2013 , 130, n/a-n/a	2.9	8
10	Two-way reversible shape memory behaviour of crosslinked poly(ϵ -caprolactone). <i>Polymer</i> , 2012 , 53, 1915-1924	3.9	130
9	Airborne particulate matter (PM) filter analysis and modeling by total reflection X-ray fluorescence (TXRF) and X-ray standing wave (XSW). <i>Talanta</i> , 2012 , 89, 99-104	6.2	32
8	Use of colloidal silica to obtain a new inert from municipal solid waste incinerator (MSWI) fly ash: first results about reuse. <i>Clean Technologies and Environmental Policy</i> , 2012 , 14, 291-297	4.3	41
7	Urolithin as a converging scaffold linking ellagic acid and coumarin analogues: design of potent protein kinase CK2 inhibitors. <i>ChemMedChem</i> , 2011 , 6, 2273-86	3.7	41
6	A New Powder Filler, Obtained by Applying a New Technology for Fly Ash Inertisation Procedure. <i>Advances in Science and Technology</i> , 2010 , 62, 27-33	0.1	13
5	A new method for municipal solid waste incinerator (MSWI) fly ash inertization, based on colloidal silica. <i>Journal of Environmental Monitoring</i> , 2010 , 12, 2093-9		71
4	Rational design, synthesis, and DNA binding properties of novel sequence-selective peptidyl congeners of ametantrone. <i>ChemMedChem</i> , 2010 , 5, 1080-91	3.7	13
3	Tetraiodobenzimidazoles are potent inhibitors of protein kinase CK2. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 7281-9	3.4	50
2	Quinalizarin as a potent, selective and cell-permeable inhibitor of protein kinase CK2. <i>Biochemical Journal</i> , 2009 , 421, 387-95	3.8	127
1	Identification of novel protein kinase CK1 delta (CK1delta) inhibitors through structure-based virtual screening. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008 , 18, 5672-5	2.9	34