

# Alessandra Gianoncelli

## List of Publications by Year in descending order

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70  
papers

2,098  
citations

236612

25  
h-index

243296

44  
g-index

72  
all docs

72  
docs citations

72  
times ranked

2992  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of fly ash inertisation treatments and recycling. <i>Environmental Chemistry Letters</i> , 2014, 12, 153-175.	8.3	182
2	Two-way reversible shape memory behaviour of crosslinked poly( $\hat{\mu}$ -caprolactone). <i>Polymer</i> , 2012, 53, 1915-1924.	1.8	146
3	Quinalizarin as a potent, selective and cell-permeable inhibitor of protein kinase CK2. <i>Biochemical Journal</i> , 2009, 421, 387-395.	1.7	140
4	One-way and two-way shape memory behaviour of semi-crystalline networks based on sol-gel cross-linked poly( $\hat{\mu}$ -caprolactone). <i>Polymer</i> , 2013, 54, 4253-4265.	1.8	103
5	Cannabidiol: Recent advances and new insights for neuropsychiatric disorders treatment. <i>Life Sciences</i> , 2019, 224, 120-127.	2.0	95
6	Zeolite Clinoptilolite: Therapeutic Virtues of an Ancient Mineral. <i>Molecules</i> , 2019, 24, 1517.	1.7	92
7	Cannabimimetic plants: are they new cannabinoidergic modulators?. <i>Planta</i> , 2019, 249, 1681-1694.	1.6	81
8	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.	2.1	79
9	Metal fractionation in soils and assessment of environmental contamination in Vallecamonica, Italy. <i>Environmental Science and Pollution Research</i> , 2013, 20, 5067-5075.	2.7	76
10	Tetraiodobenzimidazoles are potent inhibitors of protein kinase CK2. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 7281-7289.	1.4	59
11	Phytochemical Analysis and Anti-Inflammatory Activity of Different Ethanolic Phyto-Extracts of <i>Artemisia annua</i> L.. <i>Biomolecules</i> , 2021, 11, 975.	1.8	54
12	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.	1.1	53
13	Graphene Oxide/Iron Oxide Nanocomposites for Water Remediation. <i>ACS Applied Nano Materials</i> , 2018, 1, 6724-6732.	2.4	53
14	Urolithin as a Converging Scaffold Linking Ellagic acid and Coumarin Analogues: Design of Potent Protein Kinase CK2 Inhibitors. <i>ChemMedChem</i> , 2011, 6, 2273-2286.	1.6	47
15	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.	2.1	44
16	A new method to inertize incinerator toxic fly ash with silica from rice husk ash. <i>Environmental Chemistry Letters</i> , 2013, 11, 329-333.	8.3	42
17	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.	1.6	42
18	Identification of novel protein kinase CK1 delta (CK1 $\hat{\delta}$ ) inhibitors through structure-based virtual screening. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 5672-5675.	1.0	39

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19	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.	2.5	39
20	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.	2.9	38
21	Therapeutic Potential of Phosphodiesterase Inhibitors against Neurodegeneration: The Perspective of the Medicinal Chemist. <i>ACS Chemical Neuroscience</i> , 2020, 11, 1726-1739.	1.7	35
22	An Integrated Approach for a Structural and Functional Evaluation of Biosimilars: Implications for Erythropoietin. <i>BioDrugs</i> , 2015, 29, 285-300.	2.2	30
23	â€œRaMassaysâ€ Synergistic Enhancement of Plasmon-Free Raman Scattering and Mass Spectrometry for Multimodal Analysis of Small Molecules. <i>Scientific Reports</i> , 2016, 6, 34521.	1.6	29
24	Inertisation of heavy metals in municipal solid waste incineration fly ash by means of colloidal silica â€ a synchrotron X-ray diffraction and absorption study. <i>RSC Advances</i> , 2013, 3, 14339.	1.7	27
25	Biosafe inertization of municipal solid waste incinerator residues by COSMOS technology. <i>Journal of Hazardous Materials</i> , 2014, 279, 311-321.	6.5	25
26	Cavitands Endow All-Dielectric Beads With Selectivity for Plasmon-Free Enhanced Raman Detection of <i>N</i> -Methylated Lysine. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 14944-14951.	4.0	24
27	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.	1.1	23
28	Plasmonic hydrogels for capture, detection and removal of organic pollutants. <i>Environmental Science: Nano</i> , 2020, 7, 3888-3900.	2.2	23
29	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.	2.0	20
30	Alginate-Derived Active Blend Enhances Adsorption and Photocatalytic Removal of Organic Pollutants in Water. <i>Advanced Sustainable Systems</i> , 2020, 4, 1900112.	2.7	20
31	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> , 2022, 36, 5358-5363.	1.0	19
32	Fly Ash Pollutants, Treatment and Recycling. <i>Environmental Chemistry for A Sustainable World</i> , 2013, , 103-213.	0.3	18
33	Rational Design, Synthesis, and DNA Binding Properties of Novel Sequence-Selective Peptidyl Congeners of Ametrantrone. <i>ChemMedChem</i> , 2010, 5, 1080-1091.	1.6	17
34	Fluoxetine scaffold to design tandem molecular antioxidants and green catalysts. <i>RSC Advances</i> , 2020, 10, 18583-18593.	1.7	17
35	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, 954.	1.7	16
36	Natural phosphodiesterase 5 (PDE5) inhibitors: a computational approach. <i>Natural Product Research</i> , 2021, 35, 1648-1653.	1.0	15

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37	Critical Review on the Chemical Aspects of Cannabidiol (CBD) and Harmonization of Computational Bioactivity Data. <i>Current Medicinal Chemistry</i> , 2020, 28, 213-237.	1.2	15
38	A New Powder Filler, Obtained by Applying a New Technology for Fly Ash Inertisation Procedure. <i>Advances in Science and Technology</i> , 0, , .	0.2	14
39	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, 4157-4164.	1.3	14
40	Enlightening Gliotoxin Biological System in Agriculturally Relevant <i>Trichoderma</i> spp.. <i>Frontiers in Microbiology</i> , 2020, 11, 200.	1.5	13
41	Evidence on selective binding to G-quadruplex DNA of isoflavones from <i>Maclura pomifera</i> by mass spectrometry and molecular docking. <i>Natural Product Research</i> , 2021, 35, 2583-2587.	1.0	12
42	A Perspective on Natural and Nature-Inspired Small Molecules Targeting Phosphodiesterase 9 (PDE9): Chances and Challenges against Neurodegeneration. <i>Pharmaceuticals</i> , 2021, 14, 58.	1.7	12
43	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.	1.4	11
44	Synthesis via A3 Coupling Reaction of Anthracene-Propargylamine as a New Scaffold for the Interaction with DNA. <i>ChemistrySelect</i> , 2019, 4, 13138-13142.	0.7	10
45	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.	1.3	10
46	Prosocial Effects of Nonpsychotropic <i>Cannabis sativa</i> in Mice. <i>Cannabis and Cannabinoid Research</i> , 2022, 7, 170-178.	1.5	10
47	Computational and functional analysis of biopharmaceutical drugs in zebrafish: Erythropoietin as a test model. <i>Pharmacological Research</i> , 2015, 102, 12-21.	3.1	9
48	Investigation of the molecular reactivity of bioactive oxiranylmethoxy anthraquinones. <i>Archiv Der Pharmazie</i> , 2019, 352, 1900030.	2.1	9
49	Novel Ametantrone-Amsacrine Related Hybrids as Topoisomerase II <sup>2</sup> Poisons and Cytotoxic Agents. <i>Archiv Der Pharmazie</i> , 2014, 347, 728-737.	2.1	8
50	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.	1.0	8
51	Cyclodextrins enable indirect ultrasensitive Raman detection of polychlorinated biphenyls captured by plasmonic bubbles. <i>Chemical Physics Letters</i> , 2021, 775, 138674.	1.2	8
52	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.	0.1	7
53	2-(3,4-Dihydroxyphenyl)-4-(2-(4-nitrophenyl)hydrazono)-4H-chromene-3,5,7-triol. <i>MolBank</i> , 2020, 2020, M1144.	0.2	7
54	Food Waste-Assisted Metal Extraction from Printed Circuit Boards: The <i>Aspergillus niger</i> Route. <i>Microorganisms</i> , 2021, 9, 895.	1.6	7

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55	Phase II study of cabazitaxel as second-third line treatment in patients with metastatic adrenocortical carcinoma. <i>ESMO Open</i> , 2022, 7, 100422.	2.0	7
56	Selenoxide Elimination Triggers Enamine Hydrolysis to Primary and Secondary Amines: A Combined Experimental and Theoretical Investigation. <i>Molecules</i> , 2021, 26, 2770.	1.7	6
57	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.	1.1	5
58	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.	1.4	5
59	Enhanced G-quadruplex selectivity of flavonoid glycoside rutin over quercetin. <i>Natural Product Research</i> , 2020, , 1-5.	1.0	5
60	Photoactivated semi-synthetic derivative of osajin selectively interacts with G-quadruplex DNA. <i>Natural Product Research</i> , 2022, 36, 405-410.	1.0	4
61	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, 36, 6150-6155.	1.0	4
62	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.	2.9	3
63	Production and Biochemical Characterization of Dimeric Recombinant Gremlin-1. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1151.	1.8	3
64	Parallelism of Chemostructural Properties between Filgrastim Originator and Three of Its Biosimilar Drugs. <i>Journal of Chemistry</i> , 2019, 2019, 1-15.	0.9	2
65	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.	1.0	2
66	4-(4-(((1H-Benzo[d][1,2,3]triazol-1-yl)oxy)methyl)-1H-1,2,3-triazol-1-yl)-7-chloroquinoline. <i>MolBank</i> , 2022, 2022, M1404.	0.2	2
67	Utilization of Third-Stage Waste from a Rice Production for Removal of H <sub>2</sub> S, NO <sub>2</sub> and SO <sub>2</sub> from Air. <i>Adsorption Science and Technology</i> , 2013, 31, 199-212.	1.5	1
68	9,10-Bis[(4-(2-hydroxyethyl)piperazine-1-yl)prop-2-yn-1-yl]anthracene: Synthesis and G-quadruplex Selectivity. <i>MolBank</i> , 2020, 2020, M1138.	0.2	1
69	Amino-Anthraquinone Click Chemistry Conjugates Selectively Target Human Telomeric G-Quadruplexes. <i>ChemMedChem</i> , 2022, 17, .	1.6	1
70	Biochemical, Biophysical and Functional Characterization of an Insoluble Iron Containing Hepcidin-Ferritin 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.	1.0	0