

Roberto Nico Dallochio

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9396227/roberto-nico-dallochio-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

53
papers

739
citations

16
h-index

25
g-index

55
ext. papers

875
ext. citations

3.8
avg, IF

3.71
L-index

#	Paper	IF	Citations
53	Comparative enantioseparation of planar chiral ferrocenes on polysaccharide-based chiral stationary phases.. <i>Chirality</i> , 2022 ,	2.1	2
52	Interaction Studies between Carbonic Anhydrase and a Sulfonamide Inhibitor by Experimental and Theoretical Approaches. <i>ACS Medicinal Chemistry Letters</i> , 2022 , 13, 271-277	4.3	1
51	Exploring interaction modes between polysaccharide-based selectors and biologically active 4,4'-bipyridines by experimental and computational analysis. <i>Journal of Chromatography Open</i> , 2022 , 2, 100030		1
50	Unravelling functions of halogen substituents in the enantioseparation of halogenated planar chiral ferrocenes on polysaccharide-based chiral stationary phases: experimental and electrostatic potential analyses.. <i>Journal of Chromatography A</i> , 2022 , 1673, 463097	4.5	0
49	Antamanide Analogs as Potential Inhibitors of Tyrosinase. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 6240	6.3	1
48	Molecular Docking and Comparative Inhibitory Efficacy of Naturally Occurring Compounds on Vegetative Growth and Deoxynivalenol Biosynthesis in. <i>Toxins</i> , 2021 , 13,	4.9	2
47	Enantioseparations of polyhalogenated 4,4'-bipyridines on polysaccharide-based chiral stationary phases and molecular dynamics simulations of selector-selectand interactions. <i>Electrophoresis</i> , 2021 , 42, 1853-1863	3.6	3
46	Separation of tetrahydrozoline enantiomers in capillary electrophoresis with cyclodextrin-type chiral selectors and investigation of chiral recognition mechanisms. <i>Journal of Chromatography A</i> , 2021 , 1643, 462084	4.5	3
45	Enantioseparation of 5,5-Dibromo-2,2-Dichloro-3-Selanyl-4,4'-Bipyridines on Polysaccharide-Based Chiral Stationary Phases: Exploring Chalcogen Bonds in Liquid-Phase Chromatography. <i>Molecules</i> , 2021 , 26,	4.8	6
44	Rational Design, Synthesis, Characterization and Evaluation of Iodinated 4,4'-Bipyridines as New Transthyretin Fibrillogenesis Inhibitors. <i>Molecules</i> , 2020 , 25,	4.8	8
43	Comparative enantioseparation of chiral 4,4'-bipyridine derivatives on coated and immobilized amylose-based chiral stationary phases. <i>Journal of Chromatography A</i> , 2020 , 1625, 461303	4.5	11
42	Synthesis and Studies of the Inhibitory Effect of Hydroxylated Phenylpropanoids and Biphenols Derivatives on Tyrosinase and Laccase Enzymes. <i>Molecules</i> , 2020 , 25,	4.8	3
41	Noncovalent interactions in high-performance liquid chromatography enantioseparations on polysaccharide-based chiral selectors. <i>Journal of Chromatography A</i> , 2020 , 1623, 461202	4.5	27
40	Halogen bond in separation science: A critical analysis across experimental and theoretical results. <i>Journal of Chromatography A</i> , 2020 , 1616, 460788	4.5	13
39	Factors Impacting Band and Hole Regions as Revealed by the Electrostatic Potential and Its Source Function Reconstruction: The Case of 4,4'-Bipyridine Derivatives. <i>Molecules</i> , 2020 , 25,	4.8	6
38	Recent studies of docking and molecular dynamics simulation for liquid-phase enantioseparations. <i>Electrophoresis</i> , 2019 , 40, 1881-1896	3.6	19
37	Synthesis of potential HIV integrase inhibitors inspired by natural polyphenol structures. <i>Natural Product Research</i> , 2018 , 32, 1893-1901	2.3	3

36	Polysaccharide-based chiral stationary phases as halogen bond acceptors: A novel strategy for detection of stereoselective H-bonds in solution. <i>Journal of Separation Science</i> , 2018 , 41, 1247-1256	3.4	27
35	Halogen bond in high-performance liquid chromatography enantioseparations: Description, features and modelling. <i>Journal of Chromatography A</i> , 2018 , 1563, 71-81	4.5	22
34	Enantioseparation of fluorinated 3-arylthio-4,5-bipyridines: Insights into chalcogen and H-bonds in high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2018 , 1567, 119-129	4.5	16
33	Synthesis, molecular modeling and biological evaluation of two new chicoric acid analogs. <i>Natural Product Research</i> , 2017 , 31, 397-403	2.3	1
32	Exploring Heteroaryl-pyrazole Carboxylic Acids as Human Carbonic Anhydrase XII Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2017 , 8, 941-946	4.3	16
31	Insights into halogen bond-driven enantioseparations. <i>Journal of Chromatography A</i> , 2016 , 1467, 228-238	4.5	30
30	Natural Phenolic Inhibitors of Trichothecene Biosynthesis by the Wheat Fungal Pathogen <i>Fusarium culmorum</i> : A Computational Insight into the Structure-Activity Relationship. <i>PLoS ONE</i> , 2016 , 11, e0157316	3.7	16
29	Virtual Screening and Biological Validation of Novel Influenza Virus PA Endonuclease Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2015 , 6, 866-71	4.3	25
28	4-Substituted-2-Methoxyphenol: Suitable Building Block to Prepare New Bioactive Natural-like Hydroxylated Biphenyls. <i>Letters in Drug Design and Discovery</i> , 2015 , 12, 131-139	0.8	6
27	Natural and natural-like phenolic inhibitors of type B trichothecene in vitro production by the wheat (<i>Triticum sp.</i>) pathogen <i>Fusarium culmorum</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 4969-78	5.7	41
26	Mutational analysis of the binding pockets of the diketo acid inhibitor L-742,001 in the influenza virus PA endonuclease. <i>Journal of Virology</i> , 2013 , 87, 10524-38	6.6	56
25	Design and synthesis of novel polycycles based on the 3H-pyrrolo/6,7-dihydropyrido[1,2-a]indole scaffold as templates for pharmaceutical development. <i>Journal of Heterocyclic Chemistry</i> , 2011 , 48, 1161-1168	1.0	2
24	Virtual screening-driven identification of human carbonic anhydrase inhibitors incorporating an original, new pharmacophore. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 2515-20	2.9	7
23	Design, synthesis, molecular modeling, and anti-HIV-1 integrase activity of a series of photoactivatable diketo acid-containing inhibitors as affinity probes. <i>Antiviral Research</i> , 2009 , 81, 267-76	10.8	28
22	DNA Binders: 1. Evaluation of DNA-Interactive Ability, Design, and Synthesis of Novel Intercalating Agents. <i>Letters in Drug Design and Discovery</i> , 2009 , 6, 56-62	0.8	4
21	DNA Binders: 2. Molecular Recognition of DNA by 2,3,6,7-tetrahydro-1H-pyrrolo[1,2-a]indole-1,8(5H)-dione bis(4,5-dihydro-1H-imidazol-2-ylhydrazone) as a Prototype of Two-Armed Intercalating Agents. <i>Letters in Drug Design and Discovery</i> , 2009 , 6, 246-251	0.8	2
20	Design and synthesis of bis-amide and hydrazide-containing derivatives of malonic acid as potential HIV-1 integrase inhibitors. <i>Molecules</i> , 2008 , 13, 2442-61	4.8	28
19	Design of novel bioisosteres of beta-diketo acid inhibitors of HIV-1 integrase. <i>Antiviral Chemistry and Chemotherapy</i> , 2005 , 16, 41-61	3.5	52

18	Design and synthesis of novel dihydroxyindole-2-carboxylic acids as HIV-1 integrase inhibitors. <i>Antiviral Chemistry and Chemotherapy</i> , 2004 , 15, 67-81	3.5	26
17	Design and synthesis of novel indole beta-diketo acid derivatives as HIV-1 integrase inhibitors. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 5298-310	8.3	112
16	Synthesis and spectroscopic characterization of copper(II) ternary complexes of 4-aminobenzoic acid and phenanthrolines. <i>Polyhedron</i> , 1996 , 15, 277-283	2.7	12
15	Electron paramagnetic resonance studies and effects of vanadium in <i>Saccharomyces cerevisiae</i> . <i>BioMetals</i> , 1996 , 9, 91-7	3.4	7
14	Synthesis and spectroscopic characterization of ternary complexes of copper(II) glycylglycine and substituted phenanthrolines. <i>Transition Metal Chemistry</i> , 1995 , 20, 351-355	2.1	1
13	Coordination of Copper(II) to Polyaminopolycarboxylic Acids in Aqueous Solution. <i>Journal of Coordination Chemistry</i> , 1992 , 25, 265-270	1.6	6
12	Effect of the ligand structure on the formation of copper(II) complexes on the surface of amorphous aluminium hydroxide in the presence of 2,3-diaminopropionic and 2,4-diaminobutyric acids. <i>Colloids and Surfaces</i> , 1990 , 45, 167-175		1
11	Metal complex formation on the surface of amorphous aluminium hydroxide Part V. Interaction of copper (II) with aluminium hydroxide in the presence of o-, m- and p-tyrosine and dopa. <i>Colloids and Surfaces</i> , 1990 , 44, 237-245		2
10	Interactions of tetrakis-(Etrifluoroacetamido)-dirhodium(II) with 2,4-diaminopyrimidines. <i>Transition Metal Chemistry</i> , 1989 , 14, 267-268	2.1	1
9	Metal-cinnamic acids interactions. Part III. Synthesis and study of copper(II) complexes of 3, 4- and 3, 5-dimethoxycinnamic acid. <i>Transition Metal Chemistry</i> , 1988 , 13, 176-178	2.1	2
8	Metal complex formation on the surface of amorphous aluminium hydroxide. Part III. Copper(II) complexes of O-phospho-L-serine and O-phospho-L-tyrosine. <i>Colloids and Surfaces</i> , 1988 , 32, 249-256		5
7	Metal complex formation on the surface of amorphous aluminium hydroxide. Part IV. Interaction of oxovanadium(IV) and vanadate(V) with aluminium hydroxide in the presence of succinic, malic and 2-mercaptosuccinic acids. <i>Colloids and Surfaces</i> , 1988 , 34, 185-196		9
6	Metal complex formation on the surface of amorphous aluminium hydroxide. part II. Copper (II) complexes with pyridinedicarboxylic acids. <i>Colloids and Surfaces</i> , 1988 , 32, 237-248		5
5	Metal complex formation on the surface of amorphous aluminium hydroxide part I. Copper (II) complexes of glutamic and aspartic acids. <i>Colloids and Surfaces</i> , 1987 , 28, 147-157		24
4	Metal complexes of phytohormones. Part II. Copper(II) complexes of 6-benzylaminopurine. <i>Transition Metal Chemistry</i> , 1987 , 12, 356-358	2.1	2
3	Zinc(II) adsorption on aluminium hydroxide. <i>Colloids and Surfaces</i> , 1986 , 17, 389-394		25
2	Manganese (II)-aluminium hydroxide interaction: An ESR study. <i>Colloids and Surfaces</i> , 1986 , 17, 395-400		8
1	Early combination treatment with existing HIV antivirals: an effective treatment for COVID-19? 		3

