

# Roberto Nico Dallochio

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/9396227/roberto-nico-dallochio-publications-by-citations.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	Design and synthesis of novel indole beta-diketo acid derivatives as HIV-1 integrase inhibitors. <i>Journal of Medicinal Chemistry</i> , <b>2004</b> , 47, 5298-310	8.3	112
52	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> , <b>2013</b> , 87, 10524-38	6.6	56
51	Design of novel bioisosteres of beta-diketo acid inhibitors of HIV-1 integrase. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2005</b> , 16, 41-61	3.5	52
50	Natural and natural-like phenolic inhibitors of type B trichothecene in vitro production by the wheat ( <i>Triticum</i> sp.) pathogen <i>Fusarium culmorum</i> . <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 4969-78	5.7	41
49	Insights into halogen bond-driven enantioseparations. <i>Journal of Chromatography A</i> , <b>2016</b> , 1467, 228-238	4.5	30
48	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> , <b>2009</b> , 81, 267-76	10.8	28
47	Design and synthesis of bis-amide and hydrazide-containing derivatives of malonic acid as potential HIV-1 integrase inhibitors. <i>Molecules</i> , <b>2008</b> , 13, 2442-61	4.8	28
46	Noncovalent interactions in high-performance liquid chromatography enantioseparations on polysaccharide-based chiral selectors. <i>Journal of Chromatography A</i> , <b>2020</b> , 1623, 461202	4.5	27
45	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> , <b>2018</b> , 41, 1247-1256	3.4	27
44	Design and synthesis of novel dihydroxyindole-2-carboxylic acids as HIV-1 integrase inhibitors. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2004</b> , 15, 67-81	3.5	26
43	Virtual Screening and Biological Validation of Novel Influenza Virus PA Endonuclease Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , <b>2015</b> , 6, 866-71	4.3	25
42	Zinc(II) adsorption on aluminium hydroxide. <i>Colloids and Surfaces</i> , <b>1986</b> , 17, 389-394		25
41	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> , <b>1987</b> , 28, 147-157		24
40	Halogen bond in high-performance liquid chromatography enantioseparations: Description, features and modelling. <i>Journal of Chromatography A</i> , <b>2018</b> , 1563, 71-81	4.5	22
39	Recent studies of docking and molecular dynamics simulation for liquid-phase enantioseparations. <i>Electrophoresis</i> , <b>2019</b> , 40, 1881-1896	3.6	19
38	Exploring Heteroaryl-pyrazole Carboxylic Acids as Human Carbonic Anhydrase XII Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , <b>2017</b> , 8, 941-946	4.3	16
37	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> , <b>2016</b> , 11, e0157316	3.7	16

36	Enantioseparation of fluorinated 3-arylthio-4,4Sbipyridines: Insights into chalcogen and H-hole bonds in high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2018</b> , 1567, 119-129	4.5	16
35	Halogen bond in separation science: A critical analysis across experimental and theoretical results. <i>Journal of Chromatography A</i> , <b>2020</b> , 1616, 460788	4.5	13
34	Synthesis and spectroscopic characterization of copper(II) ternary complexes of 4-aminobenzoic acid and phenanthrolines. <i>Polyhedron</i> , <b>1996</b> , 15, 277-283	2.7	12
33	Comparative enantioseparation of chiral 4,4Sbipyridine derivatives on coated and immobilized amylose-based chiral stationary phases. <i>Journal of Chromatography A</i> , <b>2020</b> , 1625, 461303	4.5	11
32	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> , <b>1988</b> , 34, 185-196		9
31	Rational Design, Synthesis, Characterization and Evaluation of Iodinated 4,4SBipyridines as New Transthyretin Fibrillogenesis Inhibitors. <i>Molecules</i> , <b>2020</b> , 25,	4.8	8
30	Manganese (II)-aluminium hydroxide interaction: An ESR study. <i>Colloids and Surfaces</i> , <b>1986</b> , 17, 395-400		8
29	Virtual screening-driven identification of human carbonic anhydrase inhibitors incorporating an original, new pharmacophore. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2011</b> , 21, 2515-20	2.9	7
28	Electron paramagnetic resonance studies and effects of vanadium in <i>Saccharomyces cerevisiae</i> . <i>BioMetals</i> , <b>1996</b> , 9, 91-7	3.4	7
27	4-Substituted-2-Methoxyphenol: Suitable Building Block to Prepare New Bioactive Natural-like Hydroxylated Biphenyls. <i>Letters in Drug Design and Discovery</i> , <b>2015</b> , 12, 131-139	0.8	6
26	Coordination of Copper(II) to Polyaminopolycarboxylic Acids in Aqueous Solution. <i>Journal of Coordination Chemistry</i> , <b>1992</b> , 25, 265-270	1.6	6
25	Factors Impacting H-band H-hole Regions as Revealed by the Electrostatic Potential and Its Source Function Reconstruction: The Case of 4,4SBipyridine Derivatives. <i>Molecules</i> , <b>2020</b> , 25,	4.8	6
24	Enantioseparation of 5,5SDibromo-2,2SDichloro-3-Selanyl-4,4SBipyridines on Polysaccharide-Based Chiral Stationary Phases: Exploring Chalcogen Bonds in Liquid-Phase Chromatography. <i>Molecules</i> , <b>2021</b> , 26,	4.8	6
23	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> , <b>1988</b> , 32, 249-256		5
22	Metal complex formation on the surface of amorphous aluminium hydroxide. part II. Copper (II) complexes with pyridinedicarboxylic acids. <i>Colloids and Surfaces</i> , <b>1988</b> , 32, 237-248		5
21	DNA Binders: 1. Evaluation of DNA-Interactive Ability, Design, and Synthesis of Novel Intercalating Agents. <i>Letters in Drug Design and Discovery</i> , <b>2009</b> , 6, 56-62	0.8	4
20	Synthesis and Studies of the Inhibitory Effect of Hydroxylated Phenylpropanoids and Biphenols Derivatives on Tyrosinase and Laccase Enzymes. <i>Molecules</i> , <b>2020</b> , 25,	4.8	3
19	Synthesis of potential HIV integrase inhibitors inspired by natural polyphenol structures. <i>Natural Product Research</i> , <b>2018</b> , 32, 1893-1901	2.3	3

18	Early combination treatment with existing HIV antivirals: an effective treatment for COVID-19?	3
17	Enantioseparations of polyhalogenated 4,4'-bipyridines on polysaccharide-based chiral stationary phases and molecular dynamics simulations of selector-selectand interactions. <i>Electrophoresis</i> , <b>2021</b> , 42, 1853-1863	3.6 3
16	Separation of tetrahydrozoline enantiomers in capillary electrophoresis with cyclodextrin-type chiral selectors and investigation of chiral recognition mechanisms. <i>Journal of Chromatography A</i> , <b>2021</b> , 1643, 462084	4.5 3
15	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> , <b>2011</b> , 48, 1161-1168	1.0 2
14	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> , <b>1990</b> , 44, 237-245	2
13	Metal complexes of phytohormones. Part II. Copper(II) complexes of 6-benzylaminopurine. <i>Transition Metal Chemistry</i> , <b>1987</b> , 12, 356-358	2.1 2
12	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> , <b>1988</b> , 13, 176-178	2.1 2
11	Comparative enantioseparation of planar chiral ferrocenes on polysaccharide-based chiral stationary phases.. <i>Chirality</i> , <b>2022</b> ,	2.1 2
10	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> , <b>2009</b> , 6, 246-251	0.8 2
9	Molecular Docking and Comparative Inhibitory Efficacy of Naturally Occurring Compounds on Vegetative Growth and Deoxynivalenol Biosynthesis in. <i>Toxins</i> , <b>2021</b> , 13,	4.9 2
8	Synthesis, molecular modeling and biological evaluation of two new chicoric acid analogs. <i>Natural Product Research</i> , <b>2017</b> , 31, 397-403	2.3 1
7	Synthesis and spectroscopic characterization of ternary complexes of copper(II) glycylglycine and substituted phenanthrolines. <i>Transition Metal Chemistry</i> , <b>1995</b> , 20, 351-355	2.1 1
6	Interactions of tetrakis-(Etrifluoroacetamidato)-dirhodium(II) with 2,4-diaminopyrimidines. <i>Transition Metal Chemistry</i> , <b>1989</b> , 14, 267-268	2.1 1
5	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> , <b>1990</b> , 45, 167-175	1
4	Interaction Studies between Carbonic Anhydrase and a Sulfonamide Inhibitor by Experimental and Theoretical Approaches. <i>ACS Medicinal Chemistry Letters</i> , <b>2022</b> , 13, 271-277	4.3 1
3	Exploring interaction modes between polysaccharide-based selectors and biologically active 4,4'-bipyridines by experimental and computational analysis. <i>Journal of Chromatography Open</i> , <b>2022</b> , 2, 100030	1
2	Antamanide Analogs as Potential Inhibitors of Tyrosinase. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 6240	6.3 1
1	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> , <b>2022</b> , 1673, 463097	4.5 0

