

# Pierluigi Polese

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

354  
citations

840776

11  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

340  
citing authors

#	ARTICLE	IF	CITATIONS
1	SOLVERSTAT: a new utility for multipurpose analysis. An application to the investigation of dioxygenated Co(II) complex formation in dimethylsulfoxide solution. <i>Talanta</i> , 2003, 59, 67-80.	5.5	92
2	A Novel Multipurpose Excel Tool for Equilibrium Speciation Based on Newton-Raphson Method and on a Hybrid Genetic Algorithm. <i>Annali Di Chimica</i> , 2006, 96, 29-49.	0.6	43
3	Cobalt(II) Complexes with Nitrogen Donors and Their Dioxygen Affinity in Dimethyl Sulfoxide. <i>European Journal of Inorganic Chemistry</i> , 2002, 2002, 2194-2201.	2.0	28
4	Affinity of Polypyridines Towards CdII and CoII Ions: a Thermodynamic and DFT Study. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3738-3745.	2.0	24
5	Cobalt(II) Dioxygen Carriers Based on Simple Diamino Ligands: Kinetic and ab Initio Studies. <i>Inorganic Chemistry</i> , 2003, 42, 8214-8222.	4.0	22
6	Thermodynamics of Complex Formation of Silver(I), Cadmium(II) and Cobalt(II) with Open-Chain Polyamines in Dimethyl Sulfoxide and Molecular Dioxygen Binding to Cobalt(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 1948-1955.	2.0	21
7	N-Methylation Effects on the Coordination Chemistry of Cyclic Triamines with Divalent Transition Metals and Their CoII Dioxygen Carriers. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 304-314.	2.0	21
8	A simplified approach for modelling the bacterial growth/no growth boundary. <i>Food Microbiology</i> , 2011, 28, 384-391.	4.2	21
9	Oxygenation reaction of Co(trien) <sub>2</sub> <sup>+</sup> complex in dimethylsulfoxide and the aerobic oxidation of 2,6-di-tert-butylphenol catalyzed by Co(II)â€‘amine complexes. <i>Inorganica Chimica Acta</i> , 2003, 355, 57-63.	2.4	17
10	Thermodynamic studies on the complexation of cobalt(II) with nitrogen donor ligands in dimethyl sulfoxide. <i>Inorganica Chimica Acta</i> , 2001, 321, 49-55.	2.4	16
11	Mixed nitrogen/oxygen ligand affinities for bipoisitive metal ions and dioxygen binding to cobalt(ii) complexes. <i>Dalton Transactions</i> , 2004, , 1358.	3.3	12
12	cEST: a flexible tool for calorimetric data analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 134, 1317-1326.	3.6	11
13	Survival strategies of Bacillus spores in food. <i>Indian Journal of Experimental Biology</i> , 2013, 51, 905-9.	0.0	7
14	A simplified modelling approach established to determine the <i>Listeria monocytogenes</i> behaviour during processing and storage of a traditional (Italian) ready-to-eat food in accordance with the European Commission Regulation NÂ° 2073/2005. <i>Food Control</i> , 2014, 36, 166-173.	5.5	6
15	Prediction of the impact of processing critical conditions for <i>Listeria monocytogenes</i> growth in artisanal dry-fermented sausages (salami) through a growth/no growth model applicable to time-dependent conditions. <i>Food Control</i> , 2017, 75, 167-180.	5.5	6
16	Affinity of Tripodal and Linear Tetraamines for Silver(I) in Dimethyl Sulfoxide. <i>Journal of Solution Chemistry</i> , 2008, 37, 543-551.	1.2	3
17	Praedicere Possumus: An Italian web-based application for predictive microbiology to ensure food safety. <i>Italian Journal of Food Safety</i> , 2018, 7, 6943.	0.8	2
18	A Web-based Application Customized to Food Safety Requirements of Small-sized Enterprises. <i>Procedia Food Science</i> , 2016, 7, 149-153.	0.6	1

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19	The COM-Poisson Process for Stochastic Modeling of Osmotic Inactivation Dynamics of <i>Listeria monocytogenes</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 681468.	3.5	1
20	Impact of multiple hurdles on <i>Listeria monocytogenes</i> dispersion of survivors. <i>Food Microbiology</i> , 2022, 107, 104088.	4.2	0