Sergio Tamburini

List of Publications by Year
in descending order

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28	2,091	623734 14	501196 28
papers	citations	h-index	g-index

28	28	28	1980
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The challenge of cyclic and acyclic schiff bases and related derivatives. Coordination Chemistry Reviews, 2004, 248, 1717-2128.	18.8	887
2	The activation of small molecules by dinuclear complexes of copper and other metals. Coordination Chemistry Reviews, 1990, 106, 25-170.	18.8	389
3	Syntheses, structure and electrochemical characterization of homo- and heterodinuclear copper complexes with compartmental ligands. Coordination Chemistry Reviews, 1987, 77, 165-273.	18.8	321
4	Assessment of geopolymers with Construction and Demolition Waste (CDW) aggregates as a building material. Construction and Building Materials, 2018, 181, 119-133.	7.2	65
5	From compounds to materials: heterodinuclear complexes as precursors in the synthesis of mixed oxides; crystal structures of [Cu(H2LA)] and [{CuY(LA)(NO3)(dmso)}2]Â·2dmso [H4LA=N,Nâ€²-ethylenebis(3-hydroxysalicylideneimine), dmso = dimethyl sulphoxide]. Journal of the Chemical Society Dalton Transactions, 1991, , 2145-2152.	1.1	54
6	Geopolymer matrix for fibre reinforced composites aimed at strengthening masonry structures. Construction and Building Materials, 2017, 141, 542-552.	7.2	51
7	Metal complexes of some tetraketones and their schiff bases. Inorganica Chimica Acta, 1984, 83, 23-31.	2.4	45
8	Synthesis, X-ray Structure, and Solution NMR Studies of Ln(III) Complexes with a Macrocyclic Asymmetric Compartmental Schiff Base. Preference of the Ln(III) Ions for a Crown-Like Coordination Site. Inorganic Chemistry, 1999, 38, 2906-2916.	4.0	44
9	Synthesis, properties, and crystal structures of new mono- and homo-binuclear uranyl(VI) complexes with compartmental Schiff bases. Journal of the Chemical Society Dalton Transactions, 1990, , 1533.	1.1	33
10	Mono- and polynuclear schiff base complexes derived from polyoxadiamines. Inorganica Chimica Acta, 1995, 235, 233-244.	2.4	29
11	Optimization and mechanical-physical characterization of geopolymers with Construction and Demolition Waste (CDW) aggregates for construction products. Construction and Building Materials, 2020, 264, 120158.	7.2	26
12	The Role of Functionalisation, Asymmetry and Shape of a New Macrocyclic Compartmental Ligand in the Formation of Mononuclear, Homoâ€•and Heterodinuclear Lanthanide(III) Complexes. European Journal of Inorganic Chemistry, 2009, 2009, 155-167.	2.0	19
13	Comparison of electron impact and fast atom bombardment behaviour of some macrocyclic schiff bases. Organic Mass Spectrometry, 1990, 25, 420-422.	1.3	16
14	Selectivity of Asymmetric Macrocyclic Compartmental Lanthanide(III) Complexes towards Alkali and Alkaline-Earth Metal Ions. European Journal of Inorganic Chemistry, 2005, 2005, 1492-1499.	2.0	16
15	Hetero-dinuclear sodiumâ€“lanthanide(iii) complexes with an asymmetric compartmental macrocycle. Chemical Communications, 2000, , 145-146.	4.1	13
16	Coordination ability of free or silica immobilized Schiff bases towards Hg(II), Cd(II) and Pb(II) ions. Inorganica Chimica Acta, 2014, 410, 29-38.	2.4	12
17	Electrochemistry of transition metal complexes of Schiff base compartmental ligands. Transition Metal Chemistry, 1984, 9, 176-180.	1.4	11
18	Electrochemistry of mononuclear, homo- and hetero-binuclear complexes of a schiff base compartmental ligand. Transition Metal Chemistry, 1983, 8, 294-298.	1.4	9

#	Article	IF	Citations
19	f,f Homodinuclear and d,f or f,fâ€² Heterodinuclear Complexes with a [2+2] Macrocyclic Compartmental Schiff Base. European Journal of Inorganic Chemistry, 2010, 2010, 1853-1864.	2.0	9
20	Up-scaling and performance assessment of faÃ§ade panels produced from construction and demolition waste using alkali activation technology. Construction and Building Materials, 2020, 262, 120475.	7.2	9
21	Fast atom bombardment of some asymmetric compartmental [1 +1] Schiff bases. Rapid Communications in Mass Spectrometry, 1997, 11, 1909-1915.	1.5	8
22	New Complexes of Ditopic Ligands with â€œdâ€•and/or â€œsâ€•Metal Ions. Supramolecular Chemistry, 2001, 13, 469-488.	1.2	6
23	Fast atom bombardment mass spectrometry of new polydentate Schiff bases. 3. The case of mono- and bis aldimine containing benzo-5-crown-5 groups. European Journal of Mass Spectrometry, 1995, 1, 65.	0.7	5
24	Fast-atom Bombardment Mass Spectrometry of New Polydentate Schiff Bases. 5. The Case of Bis-aldimines Containing Oxamide Groups. Rapid Communications in Mass Spectrometry, 1997, 11, 494-498.	1.5	4
25	Synthesis and characterization of a macrocyclic Schiff base GdIII complex as a relaxation agent for a faster acquisition of 2H NMR spectra of ethanol. Inorganica Chimica Acta, 2004, 357, 1374-1380.	2.4	4
26	[1+1] Asymmetric Compartmental Macrocycles Bearing a Pendant Arm and Relateds,f-Heterodinuclear Complexes Containing Lanthanide(III) and Sodium Ions. European Journal of Inorganic Chemistry, 2005, 2005, 2409-2422.	2.0	3
27	Synthesis and reactivity of Ln- and LnNa-macrocyclic compartmental Schiff base and polyamino complexes. Inorganica Chimica Acta, 2014, 416, 226-234.	2.4	2
28	Innovative pre-fabricated components including different waste construction materials reducing building energy and minimising environmental impacts (InnoWEE). E3S Web of Conferences, 2019, 111, 03076.	0.5	1