

Daniela Maggioni

List of Publications by Year in descending order

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papers

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279798

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#	ARTICLE	IF	CITATIONS
1	From $\hat{1}/43$ - to $\hat{1}/4$ - agostic methyl coordination: NMR and solid state study of donor ligands uptake by the triangular cluster anion $[\text{Re}_3(\hat{1}/4\text{-H})_3(\hat{1}/43\text{-CH}_3)(\text{CO})_9]^-$. <i>Inorganica Chimica Acta</i> , 2022, 529, 120641.	2.4	0
2	Synthesis, reactivity and X-ray crystal structure of tris(pentafluorophenyl)silanol $(\text{C}_6\text{F}_5)_3\text{SiOH}$. <i>Inorganica Chimica Acta</i> , 2022, 533, 120778.	2.4	0
3	Nanosized T1 MRI Contrast Agent Based on a Polyamidoamine as Multidentate Gd Ligand. <i>Molecules</i> , 2022, 27, 174.	3.8	3
4	Ecological Impact of End-of-Life-Tire (ELT)-Derived Rubbers: Acute and Chronic Effects at Organism and Population Levels. <i>Toxics</i> , 2022, 10, 201.	3.7	7
5	Alginate coating modifies the biological effects of cerium oxide nanoparticles to the freshwater bivalve <i>Dreissena polymorpha</i> . <i>Science of the Total Environment</i> , 2021, 773, 145612.	8.0	11
6	Exploiting Ultrashort $\hat{1}\pm, \hat{1}^2$ -Peptides in the Colloidal Stabilization of Gold Nanoparticles. <i>Langmuir</i> , 2021, 37, 11365-11373.	3.5	3
7	Coating with polysaccharides influences the surface charge of cerium oxide nanoparticles and their effects to <i>Mytilus galloprovincialis</i> . <i>NanoImpact</i> , 2021, 24, 100362.	4.5	4
8	Natural molecule coatings modify the fate of cerium dioxide nanoparticles in water and their ecotoxicity to <i>Daphnia magna</i> . <i>Environmental Pollution</i> , 2020, 257, 113597.	7.5	18
9	Light-Triggered Trafficking to the Cell Nucleus of a Cationic Polyamidoamine Functionalized with Ruthenium Complexes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 34576-34587.	8.0	6
10	Nucleobase morpholino $\hat{1}^2$ amino acids as molecular chimeras for the preparation of photoluminescent materials from ribonucleosides. <i>Scientific Reports</i> , 2020, 10, 19331.	3.3	15
11	An Approach for Magnetic Halloysite Nanocomposite with Selective Loading of Superparamagnetic Magnetite Nanoparticles in the Lumen. <i>Inorganic Chemistry</i> , 2020, 59, 12086-12096.	4.0	11
12	Will temperature rise change the biochemical alterations induced in <i>Mytilus galloprovincialis</i> by cerium oxide nanoparticles and mercury?. <i>Environmental Research</i> , 2020, 188, 109778.	7.5	37
13	Plastics and biodegradable plastics: ecotoxicity comparison between polyvinylchloride and Mater-Bi [®] micro-debris in a freshwater biological model. <i>Science of the Total Environment</i> , 2020, 720, 137602.	8.0	41
14	Self-assembled hydrophobic Ala-Aib peptide encapsulating curcumin: a convenient system for water insoluble drugs. <i>RSC Advances</i> , 2020, 10, 9964-9975.	3.6	14
15	PA6 and Halloysite Nanotubes Composites with Improved Hydrothermal Ageing Resistance: Role of Filler Physicochemical Properties, Functionalization and Dispersion Technique. <i>Polymers</i> , 2020, 12, 211.	4.5	19
16	Tuning Polyamidoamine Design To Increase Uptake and Efficacy of Ruthenium Complexes for Photodynamic Therapy. <i>Inorganic Chemistry</i> , 2019, 58, 14586-14599.	4.0	15
17	Green-Emitting Powders of Zero-Dimensional Cs_4PbBr_6 : Delineating the Intricacies of the Synthesis and the Origin of Photoluminescence. <i>Chemistry of Materials</i> , 2019, 31, 7761-7769.	6.7	62
18	Halloysite nanotubes functionalization with phosphonic acids: Role of surface charge on molecule localization and reversibility. <i>Applied Surface Science</i> , 2019, 486, 466-473.	6.1	22

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19	Simultaneous Cationic and Anionic Ligand Exchange For Colloidally Stable CsPbBr ₃ Nanocrystals. ACS Energy Letters, 2019, 4, 819-824.	17.4	173
20	A new catechol-functionalized polyamidoamine as an effective SPION stabilizer. Colloids and Surfaces B: Biointerfaces, 2019, 174, 260-269.	5.0	9
21	Comparative toxicity of three differently shaped carbon nanomaterials on <i>Daphnia magna</i> : does a shape effect exist?. Nanotoxicology, 2018, 12, 201-223.	3.0	34
22	Sol-gel TiO ₂ colloidal suspensions and nanostructured thin films: structural and biological assessments. Nanotechnology, 2018, 29, 055704.	2.6	5
23	The Phosphine Oxide Route toward Lead Halide Perovskite Nanocrystals. Journal of the American Chemical Society, 2018, 140, 14878-14886.	13.7	136
24	The interactions of fullerene C60 and Benzo(±)pyrene influence their bioavailability and toxicity to zebrafish embryos. Environmental Pollution, 2018, 241, 999-1008.	7.5	31
25	Superparamagnetic iron oxide nanoparticles functionalized by peptide nucleic acids. RSC Advances, 2017, 7, 15500-15512.	3.6	43
26	Adsorption of B(±)P on carbon nanopowder affects accumulation and toxicity in zebrafish (Danio) Tj ETQq0 0 0 rgBT./Overlock 10 Tf 50	4.3	15
27	Carbon nanopowder acts as a Trojan-horse for benzo(±)pyrene in <i>Danio rerio</i> embryos. Nanotoxicology, 2017, 11, 371-381.	3.0	24
28	Dinuclear rhenium pyridazine complexes containing bridging chalcogenide anions: synthesis, characterization and computational study. New Journal of Chemistry, 2017, 41, 11268-11279.	2.8	8
29	SPIO@SiO ₂ Re@PEG nanoparticles as magneto-optical dual probes and sensitizers for photodynamic therapy. RSC Advances, 2016, 6, 38521-38532.	3.6	9
30	A Luminescent Poly(amidoamine) Iridium Complex as a New Singlet-Oxygen Sensitizer for Photodynamic Therapy. Inorganic Chemistry, 2015, 54, 544-553.	4.0	75
31	Zwitterion-Coated Iron Oxide Nanoparticles: Surface Chemistry and Intracellular Uptake by Hepatocarcinoma (HepG2) Cells. Langmuir, 2015, 31, 7381-7390.	3.5	41
32	All-Purpose Containers? Lipid-Binding Protein Drug Interactions. PLoS ONE, 2015, 10, e0132096.	2.5	4
33	Rhenium-silver bicyclic spiro-hydrido-carbonyl clusters: NMR investigation of their formation and reversible fragmentation. Journal of Organometallic Chemistry, 2014, 751, 462-470.	1.8	10
34	Superparamagnetic iron oxide nanoparticles stabilized by a poly(amidoamine)-rhenium complex as potential theranostic probe. Dalton Transactions, 2014, 43, 1172-1183.	3.3	18
35	A Molecular Thermometer for Nanoparticles for Optical Hyperthermia. Nano Letters, 2013, 13, 2004-2010.	9.1	101
36	Competition between Hydrogen Bonds and Lewis Acid-Base Interactions in the Equilibria between Bis(pentafluorophenyl)boronic Acid and Pyridine: Insights from NMR, Diffractometric and Computational Studies. Zeitschrift Fur Physikalische Chemie, 2013, 227, 751-773.	2.8	6

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37	Luminescent Rhenium and Ruthenium Complexes of an Amphoteric Poly(amidoamine) Functionalized with 1,10-Phenanthroline. <i>Inorganic Chemistry</i> , 2012, 51, 12776-12788.	4.0	35
38	Electrochemical, Computational, and Photophysical Characterization of New Luminescent Dirhenium-Pyridazine Complexes Containing Bridging OR or SR Anions. <i>Inorganic Chemistry</i> , 2012, 51, 2966-2975.	4.0	23
39	In vivo imaging of glia activation using ¹ H-magnetic resonance spectroscopy to detect putative biomarkers of tissue epileptogenicity. <i>Epilepsia</i> , 2012, 53, 1907-1916.	5.1	75
40	Dynamic processes in hydrido-carbonyl trirhenium clusters containing bridging nitrogen heterocyclic ligands: An NMR investigation. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 3792-3799.	1.8	2
41	New chain clusters of rhenium connected by Re-H-Re interactions: A low-temperature NMR investigation. <i>Inorganica Chimica Acta</i> , 2010, 363, 523-532.	2.4	5
42	Bovine β -lactoglobulin acts as an acid-resistant drug carrier by exploiting its diverse binding regions. <i>Biological Chemistry</i> , 2010, 391, 21-32.	2.5	30
43	Tricarbonyl-Rhenium Complexes of a Thiol-Functionalized Amphoteric Poly(amidoamine). <i>Biomacromolecules</i> , 2009, 10, 3273-3282.	5.4	25
44	Hydrogen Bonding and Lewis Acid-Base Interactions in the System Bis(pentafluorophenyl)borinic Acid-Methanol. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 1645-1653.	2.0	26
45	¹⁹ F NMR Spectroscopic Investigation of the Reaction of Bis(pentafluorophenyl)borinic Acid with a Proton Sponge: Deprotonation, Trimerization and Stepwise Dearylation. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 3606-3613.	2.0	8
46	Solution structure, dynamics and speciation of perfluoroaryl boranes through ¹ H, ¹¹ B and ¹⁹ F NMR spectroscopy. <i>Coordination Chemistry Reviews</i> , 2008, 252, 2292-2313.	18.8	91
47	Aggregation and Ionization Equilibria of Bis(pentafluorophenyl)borinic Acid Driven by Hydrogen-Bonding with Tetrahydrofuran. <i>Organometallics</i> , 2007, 26, 2088-2095.	2.3	14
48	Synthesis and Reactivity of N-Heterocycle-B(C ₆ F ₅) ₃ Complexes. 4. Competition between Pyridine- and Pyrrole-Type Substrates toward B(C ₆ F ₅) ₃ : A Structure and Dynamics of 7-B(C ₆ F ₅) ₃ -7-azaindole and [7-Azaindolum] ⁺ [HOB(C ₆ F ₅) ₃] ⁻ . <i>Inorganic Chemistry</i> , 2006, 45, 1683-1692.	4.0	40
49	Computational and experimental approaches for assessing the interactions between the model calycin β -lactoglobulin and two antibacterial fluoroquinolones. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006, 65, 555-567.	2.6	16
50	Solution Conformation and Dynamics of the Ion Pairs Originating from the Reaction of B(C ₆ F ₅) ₃ with Bisindenyl Dimethyl Zirconium Complexes. <i>Chemistry - A European Journal</i> , 2005, 11, 650-661.	3.3	16
51	NMR evidence for B(C ₆ F ₅) ₃ attack on the inward position of a highly hindered meso-ansa-zirconocene. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 640-646.	1.8	9
52	Oxygen-Bridged Borate Anions from Tris(pentafluorophenyl)borane: Synthesis, NMR Characterization, and Reactivity. <i>Inorganic Chemistry</i> , 2005, 44, 5030-5041.	4.0	88
53	The Role of Water in the Oligomerization Equilibria Involving Bis(pentafluorophenyl)borinic Acid in Dichloromethane Solution. <i>Organometallics</i> , 2004, 23, 5493-5502.	2.3	30
54	A ketone complex by alkylation of an acyl anion. Synthesis, crystal structure and spectroscopic characterization of [Cp(CO) ₂ Re{OC(Me)Ph}]. <i>Inorganica Chimica Acta</i> , 2003, 350, 475-485.	2.4	10

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55	Competition studies on the activation of the C-H bond of diazines by the unsaturated triangular cluster anion $[\text{Re}_3(\mu_3\text{-H})_4(\text{CO})_{10}]^-$. <i>Journal of Molecular Catalysis A</i> , 2003, 204-205, 361-369.	4.8	3
56	Bis(pentafluorophenyl)borinic Acid: A Cyclic Trimer in the Solid State and a Monomer, with Hindered Rotation around the B-OH Bond, in Solution. <i>Organometallics</i> , 2003, 22, 1588-1590.	2.3	44
57	Synthesis and Reactivity of $(\text{C}_6\text{F}_5)_3\text{B-N}$ -Heterocycle Complexes. 1. Generation of Highly Acidic sp^3 Carbons in Pyrroles and Indoles. <i>Journal of Organic Chemistry</i> , 2003, 68, 5445-5465.	3.2	62
58	^1H and ^{19}F NMR Investigation of the Reaction of $\text{B}(\text{C}_6\text{F}_5)_3$ with Water in Toluene Solution. <i>Organometallics</i> , 2001, 20, 4927-4938.	2.3	120