

Jonathan Martinelli

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

308
citations

933447

10
h-index

888059

17
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27
all docs

27
docs citations

27
times ranked

564
citing authors

#	ARTICLE	IF	CITATIONS
1	Cleavable β -cyclodextrin nanocapsules incorporating Gd(III)-chelates as bioresponsive MRI probes. <i>Chemical Communications</i> , 2011, 47, 3144.	4.1	34
2	Dendrimersomes: a new vesicular nano-platform for MR-molecular imaging applications. <i>Chemical Communications</i> , 2014, 50, 3453-3456.	4.1	34
3	Preclinical Evaluation of the Hsp70 Peptide Tracer TPP-PEG24-DFO [^{89}Zr] for Tumor-Specific PET/CT Imaging. <i>Cancer Research</i> , 2018, 78, 6268-6281.	0.9	32
4	Dendrimeric β -Cyclodextrin/Gd(III) Chelate Supramolecular Host-Guest Adducts as High-Relaxivity MRI Probes. <i>Chemistry - A European Journal</i> , 2014, 20, 10944-10952.	3.3	27
5	NMR enantiodiscrimination by cyclic tetraamidic chiral solvating agents. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 3746-3751.	1.8	23
6	Coordination chemistry of amide-functionalised tetraazamacrocycles: structural, relaxometric and cytotoxicity studies. <i>Dalton Transactions</i> , 2010, 39, 10056.	3.3	17
7	Multifunctional Gd-based mesoporous silica nanotheranostic for anticancer drug delivery. <i>Journal of Materials Chemistry B</i> , 2019, 7, 3143-3152.	5.8	15
8	Synthesis of 6-Substituted 6-Nitroperhydro-1,4-diazepines via Novel Tandem Retro-Henry and Mannich/Michael Reactions. <i>Organic Letters</i> , 2012, 14, 716-719.	4.6	14
9	Surface PEG Grafting Density Determines Magnetic Relaxation Properties of Gd-Loaded Porous Nanoparticles for MR Imaging Applications. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 23458-23465.	8.0	14
10	Room Temperature ^{18}F Labeling of β -Aminomethylpiperidine-Based Chelators for PET Imaging. <i>ChemMedChem</i> , 2020, 15, 284-292.	3.2	13
11	Light-Harvesting Antennae using the Host-Guest Chemistry of Mesoporous Organosilica. <i>ChemPhotoChem</i> , 2018, 2, 196-206.	3.0	12
12	Polymerizable Gd(III) building blocks for the synthesis of high relaxivity macromolecular MRI contrast agents. <i>Chemical Science</i> , 2021, 12, 3999-4013.	7.4	10
13	Molecular architecture control in synthesis of spherical Ln-containing nanoparticles. <i>RSC Advances</i> , 2015, 5, 69861-69869.	3.6	9
14	Rigid and Compact Binuclear Bis-hydrated Gd(III) complexes as High Relaxivity MRI Agents. <i>Chemistry - A European Journal</i> , 2021, 27, 11811-11817.	3.3	8
15	NMR and Computational Investigations of the Chiral Discrimination Processes Involving a Cyclic Tetraamidic Chiral Selector. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 3738-3747.	2.4	7
16	Relaxivity Enhancement of Ditopic Bis-hydrated Gadolinium(III) Complexes Conjugated to Mesoporous Silica Nanoparticles. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2363-2368.	2.0	7
17	Mesoscopic FRET Antenna Materials by Self-Assembling Iridium(III) Complexes and BODIPY Dyes. <i>Chemistry - A European Journal</i> , 2018, 24, 11992-11999.	3.3	7
18	Selective functionalization of 6-amino-6-methyl-1,4-perhydrodiazepine for the synthesis of a library of polydentate chelators. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 5245-5252.	2.8	5

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19	Towards Enhanced MRI Performance of Tumor-Specific Dimeric Phenylboronic Contrast Agents. <i>Molecules</i> , 2021, 26, 1730.	3.8	5
20	Solid-phase synthesis and evaluation of tumour-targeting phenylboronate-based MRI contrast agents. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 7899-7906.	2.8	4
21	The critical role of ligand topology: strikingly different properties of Gd(III) complexes with regioisomeric AAZTA derivatives. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2271-2283.	6.0	4
22	Semi-Rigid (Aminomethyl) Piperidine-Based Pentadentate Ligands for Mn(II) Complexation. <i>Molecules</i> , 2021, 26, 5993.	3.8	3
23	Fate of Organic Functionalities Conjugated to Theranostic Nanoparticles upon Their Activation. <i>Bioconjugate Chemistry</i> , 2016, 27, 446-456.	3.6	2
24	Synthesis of a rigidified bicyclic AAZTA-like ligand and relaxometric characterization of its Gd(III) complex. <i>Tetrahedron Letters</i> , 2020, 61, 152573.	1.4	2
25	The search for panchromatic light-harvesting systems: Ternary and binary antennae based on self-organised materials. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 405, 112872.	3.9	0