117) "Quantitative analysis of the specific absorption rate dependence on the magnetic field strength in Zn$_x$Fe$_{3-x}$O$_2$ nanoparticles", M. A. Ait Kerroum, C. Iacovita, W. Baaziz, D. Ihiaawakrim, G. Rogez, M. Benissa, C. Lucaciuc, O. Ersen, *Int. J. Mol. Sci.*, 2020, 21, 7775

116) "Playing with magnetic anisotropy in hexacoordinated mononuclear Ni(II) complexes, an interplay between symmetry and geometry", N. Saoud, G. Rogez, J.-N. Rebilly, M.-A. Bouammali, N. Guihéry, A.-L. Barra, T. Mallah, *Applied Magnetic Resonance*, 2020, doi.org/10.1007/s00723-020-01228-8

115) "Origin of ferromagnetism and magnetic anisotropy in a family of copper(II) triangles", L. Mathivatanan, G. Rogez, N. Ben Amor, V. Robert, R. G. Raptis, A. K. Boudalis, *Chem. Eur. J.*, 2020, 26, 56, 12769-12784.

114) "Synthesis of NiF$_2$.xH$_2$O (x=0 or 4) nanoparticles by microemulsion and their self-assembly", H. Ullah, N. Batisse, K. Guerin, G. Rogez, P. Bonnet, *Langmuir*, 2020, 36, 8461-8475.

113) "Syntheses, crystal structures, antioxidant activities and magnetic properties of Ni(II) and Cu(II) complexes based on two new Schiff-base carboxylates derived from 3-amino-4-hydroxybenzoic acid", A. Boussadia, A. Beghidja, L. Gali, C. Beghidja, M. Elhabiri, P. Rabu, G. Rogez, *Inorg. Chim. Acta*, 2020, 508, 119656.

112) "M(H$_2$O)(PO$_3$.C$_6$.H$_6$.OH)-(H$_2$.O)$_{0.5}$ (M=Co, Mn, Zn, Cu): a new series of layered metallophosphonate compounds obtained from 6-hydroxy-2-naphthylphosphonic acid", F. Beubras, J.-M. Rueff, O. Perez, F. Veillon, V. Caignaert, J.-F. Lohier, J. Cardin, G. Rogez, C. Jestin, H. Couthon, P.-A. Jaffrès, *Dalton Trans.*, 2020, 49, 3877-3891.

111) "Antiferromagnetic coupling in copper(II)porphyrin dimers", M.-A. Carvalho, H. Dekkiche, S. Richeter, C. Bailly, L. Karmazin, D. McKearney, D. B. Leznoff, G. Rogez, B. Vileno, S. Choua, R. Ruppert, *J. Porphyrins Phthalocyanins*, 2020, 24, 238-246.

110) "Copper complexes for the promotion of iminopyridine ligands derived from β-alanine and self-aldo additions: relaxivity and cytotoxic properties", L. Álvarez-Miguel, I. Álvarez-Miguel, J. M. Martín Álvarez, C. Álvarez, G. Rogez, R. García-Rodríguez, D. Miguel, *Dalton Trans.*, 2019, 48, 17544-17555.

109) "Salts and Solvents Effect on the Crystal Structure of Imidazolium Dicarboxylate Salt Based Coordination Networks", P. Farger, C. LeuVrey, G. Rogez, M. François, P. Rabu, E. Delahaye, *Cryst. Growth Des.*, 2019, 19, 4264-4272.

108) "Tetrathiopyridyl-tetrathiafulvalene-based Cd(II) coordination polymers: one ligand, one metal cation, many possibilities", D. Bechu, G. Rogez, M. W. Hosseini, S. A. Baudron, *New J. Chem.*, 2019, 43, 14291-14298.

107) "Designing of a magnetoelectric system in hybrid organic-inorganic framework, a perovskite layered phosphonate MnO$_2$.PC$_6$.H$_6$.m-Br.H$_2$.O", T. Basu, C. Bloyet, F. Beaubras, V. Caignaert, O. Perez, J.-M. Rueff, A. Pautrat, B. Raveau, J.-F. Lohier, P.-A. Jaffrès, H. Couthon, G. Rogez, G. Taupier, H. Dorkenoo, *Adv. Funct. Mater.*, 2019, 1901878.

106) "Determination of the distributions of the spin Hamiltonian parameters in spin triangles: a combined magnetic susceptibility and EPR spectroscopic study of the highly-symmetric [Cr$_3$(PhCOO)$_6$(py)$_3$](ClO$_4$)"0.5py", A. Boudalis, G. Rogez, P. Turek, *Inorg. Chem.*, 2018, 57, 21, 13259-13269.
105) "Incipient spin-dipole correlations in a 1D helical-chain metal-organic hybrid", T. Basu, C. Bloyet, J.-M. Rueff, V. Caignaert, A. Pautrat, B. Raveau, G. Rogez; P.-A. Jaffrès, J. Mater. Chem. C, 2018, 6, 10207-12010.

104) "Tuning the organization of the interlayer organic moiety in a hybrid layered perovskite", Y. Wang, C. Leuvrey, E. Delahaye, F. Leroux, P. Rabu, C. Taviot-Guého, G. Rogez, J. Solid State Chem., 2019, 269, 532-539.

103) "Magnetic and luminescent coordination networks based on imidazolium salts and lanthanides for sensitive ratiometric thermometry", P. Farger, C. Leuvrey, M. Gallart, P. Gilliot, G. Rogez, J. Rocha, D. Ananias, P. Rabu, E. Delahaye, Beilstein J. Nanotech., 2018, 9, 2775-2787.

102) "Microwave-assisted functionalization of the Aurivillius phase Bi$_2$SrTa$_2$O$_9$: diol grafting and amine insertion vs. alcohol grafting", Y. Wang, M. Nikolopoulou, E. Delahaye, C. Leuvrey, F. Leroux, P. Rabu, G. Rogez, Chem. Sci., 2018, 9, 7104-7114.

101) "One Dimensional Fluorene based Co(II) Phosphonate Co(H$_2$O)$_2$PO$_3$-C$_2$H$_5$H$_2$O: Structure and Magnetism", C. Bloyet, J.-M. Rueff, O. Perez, A. Pautrat, V. Caignaert, B. Raveau, G. Rogez, Melissa Roger, P.-A. Jaffrès, Inorganics, 2018, 6, 93, doi:10.3390/inorganics6030093.

100) "Manganese Fluorene Phosphonates: Formation of Isolated [MnP$_4$] Chains", C. Bloyet, J.-M. Rueff, V. Caignaert, B. Raveau, J.-F. Lohier, M. Roger, G. Rogez; P.-A. Jaffrès, Inorganics, 2018, 6, 92, doi:10.3390/inorganics6030092.

99) "A non-centrosymmetric Cu(II) layered hydroxide : synthesis, crystal structure, non-linear optical and magnetic properties of Cu$_2$(OH)$_3$(C$_2$H$_5$SO$_4$)", Q. Evrard, C. Leuvrey, P. Farger, E. Delahaye, P. Rabu, G. Taupier, K. D. Dorkenoo, J.-M. Rueff, N. Barrier, O. Pérez, G. Rogez, Cryst. Growth Des., 2018, 18, 1809-1817.

98) "Layered Simple Hydroxides functionalized by fluoresce-phosphonic acids : synthesis, interface theoretical insights and magneto electric effect", Q. Evrard, Z. Chaker, M. Roger, C. Sevrain, E. Delahaye, M. Gallart, P. Gilliot, C. Leuvrey, J.-M. Rueff, P. Rabu, C. Massobrio, M. Boero, A. Pautrat, P.-A. Jaffrès, G. Ori, G. Rogez, Adv. Funct. Mater., 2017, 27, 41, 1703576.

97) "Towards ionic liquids with tailored magnetic properties: bmim$^+$ salts of ferro- and antiferromagnetic Cu$_4^+$ triangles", A. K. Boudalis, G. Rogez, B. Heinrich, R. G. Raptis, P. Turek, Dalton Trans., 2017, 46, 12263-12273.

96) "Two [Mn$_3$(μ$_3$-$O$)]$^+$ based single chain magnets with different solvent ligation", M. Dolai, H. Ali Molla, G. Rogez, M. Ali, Polyhedron, 2017, 127, 248-256.

95) "Elaboration of luminescent and magnetic hybrid networks based on lanthanide ions and imidazolium dicarboxylate salts: influence of the synthesis conditions", P. Farger, C. Leuvrey, M. Gallart, P. Gilliot, G. Rogez, P. Rabu, E. Delahaye, Magnetochemistry, 2017, 3, 1-20.

94) "Unraveling $\sigma$ and $\pi$ effects on the magnetic anisotropy in cis-Ni$_2$As$_2$ complexes: magnetization, HF-HFETPR studies, first principle calculations and orbital model", G. Charron, E. Malkin, G. Rogez, L. J. Batchelor, S. Mazerat, R. Guillot, N. Guihéry, A.-L. Barra, T. Mallah, H. Bolvin, Chem. Eur. J., 2016, 22, 16850-16862.
93) "Dimeric pyramidal «Cu₂O₆(H₂O)₂» unit, a structural invariant of a homologous series of copper layered phosphonates", C. Bloyet, M. Roger, J.-M. Rueff, B. Raveau, J.-F. Lohier, G. Rogez, P.-A. Jaffrès, Eur. J. Inorg. Chem., 2016, 4643-4648.

92) "Post-synthesis modification of the Aurivillius phase Bi₂SrTa₂O₉ via in-situ microwave-assisted "Click Reaction"", Y. Wang, E. Delahaye, C. Leuvrey, F. Leroux, P. Rabu, G. Rogez, Inorg. Chem., 2016, 55, 9790-9797.

91) "Hydrazone Ligand based Homodinuclear Lanthanide Complexes: Synthesis, Structure and Magnetism", S. Biswas, S. Das, G. Rogez, V. Chandrasekhar, Eur. J. Inorg. Chem., 2016, 3322-3329.

90) "Pseudomorphic transformation of layered simple hydroxides into Prussian Blue Analogue nanoplatelets", M. Lang, E. Delahaye, D. Foix, D. Ihiawakrim, O. Ersen, C. Leuvrey, J.-M. Grenèche, G. Rogez, P. Rabu, Eur. J. Inorg. Chem., 2016, 2030-2038.

89) "Efficient microwave-assisted functionalization of the Aurivillius phase Bi₂SrTa₂O₉", Y. Wang, E. Delahaye, C. Leuvrey, F. Leroux, P. Rabu, G. Rogez, Inorg. Chem., 2016, 55, 4039-4096.

88) "The Copper Fluorene phosphonate CuPO₃-C₃H₇.H₂O: A layered antiferromagnetic hybrid", N. Hugot, M. Roger, J.-M. Rueff, J. Cardin, O. Perez, V. Caignaert, B. Raveau, G. Rogez, P.-A. Jaffrès, Eur. J. Inorg. Chem., 2016, 266-271.

87) "Hybrid Interfaces in Layered Hydroxides: Magnetic and Multifunctional Superstructures by Design", P. Rabu, E. Delahaye, G. Rogez, Nanotechnology Reviews, 2015, 4, 6, 557-580.

86) "Imidazolium dicarboxylate based Metal Organic Framework obtained by solvo-ionothermal reaction", P. Farger, R. Guillot, F. Leroux, N. Parizel, M. Gallart, P. Gilliot, G. Rogez, E. Delahaye, P. Rabu, Eur. J. Inorg. Chem., 2015, 5342-5350.

85) "Electrocatalytic properties of Metal phthalocyanine tetrasulphonate (MPC₄S₄) intercalated in Metal Layered Simple Hydroxides (Metal: Co, Cu and Zn)", S. Eyele-Mezui, P. Vialat, C. Higy, R. Bourzami, C. Leuvrey, N. Parizel, P. Turek, P. Rabu, G. Rogez, C. Mousty, J. Phys. Chem. C, 2015, 119, 23, 13335-13342.

84) "Assembly, Disassembly and Reassembly: Conversion of Homometallic Coordination Networks into Mixed Metal-Organic Frameworks", A. Béziau, S. A. Baudron, G. Rogez, M. W. Hosseini, Inorg. Chem., 2015, 54, 2032-2039.

83) "Solvent-Dependent Oxime-Azide and Oxime-Nitrile Coupling: Crystallographic and Catalytic Studies", M. Dolai, T. Mistri, S. Biswas, G. Rogez, M. Ali, ChemPlusChem, 2014, 79, 1649-1656.

82) "Magnetization reversal in CsNiII-CrIII(CN)₆ coordination nanoparticles: unravelling surface anisotropy and dipolar interaction effects", Y. Prado, S. Mazerat, E. Rivière, G. Rogez, A. Gloter, O. Stéphan, L. Catala, T. Mallah, Adv. Funct. Mater., 2014, 24, 34, 5402-5411.

81) "Hexanuclear, Heterometallic, Ni₃Ln₃ Complexes Possessing O-Capped Homo- and Heterometallic Structural Sub-units. SMM Behavior of the Dysprosium Analogue", J. Goura, G. Rogez, E. Rivière, V. Chandrasekhar, Inorg. Chem., 2014, 53, 7815-7823.
80) "Pentanuclear Heterometallic \{\text{Mn}^{\text{III}}_2\text{Ln}_3\} (\text{Ln} = \text{Gd, Dy, Tb, Ho}) Assemblies in an Open-book Type Structural Topology: Appearance of Slow Relaxation of Magnetization in the Dy(III) and Ho(III) Analogues", P. Bag, A. Chakraborty, G. Rogez, V. Chandrasekhar, *Inorg. Chem.*, 2014, 53, 6524-6533.

79) "Ferromagnetic Coupling in Copper(II) [2x2] Grid-like Complexes", A. Madalan, X.-Y. Cao, G. Rogez, J.-M. Lehn, *Inorg. Chem.*, 2014, 53, 4275-4277.

78) "Microwave-Assisted Post-Synthesis Modification of Layered Simple Hydroxides", O. Palamarciuc, E. Delahaye, P. Rabu, G. Rogez, *New J. Chem.*, 2014, 38, 1184-1194.

77) "Elaboration and magnetic properties of metal phthalocyanines / metal hydroxide multilayers", R. Bourzami, S. Eyele-Mezui, E. Delahaye, M. Drillon, P. Rabu, N. Parizel, S. Choua, P. Turek, G. Rogez, *Inorg. Chem.*, 2014, 53, 1184-1194.

76) "Synthesis and Characterization of a New Nonanuclear Ni(II) Cluster from a Pyridyl-Alcohol Ligand", A. Massard, G. Rogez, P. Braunstein, *Dalton Trans.*, 2014, 43, 42-46.

75) "Synthesis, Structural Aspects and Catalytic Performance of a Tetrahedral Cobalt Phosphonate Framework", R. Sen, D. Saha, D. Mal, P. Brandão, G. Rogez, Z. Lin, *Eur. J. Inorg. Chem.*, 2013, 5020-5026.

74) "Nickel hydroxide ultrathin nanosheets as building blocks for electrochemically active layers", B. Schneiderová, J. Demel, J. Pleštil, P. Janda, J. Bohuslav, D. Ihiawakrim, O. Ersen, G. Rogez, K. Lang, *J. Mater. Chem. A*, 2013, 3, 5142-5147.

73) "A 2D→3D Polycatenated Metal–Organic Framework: Synthesis, Structure, Magnetic and Catalytic Study", R. Sen, D. Saha, D. Mal, P. Brandão, G. Rogez, Z. Lin, *Eur. J. Inorg. Chem.*, 2013, 3076-3081.

72) "Ni(II) Dipyrrin Complexes Bearing Peripheral Pyridyl or Imidazoyl Groups Self-Assemble into 2- and 3-D Coordination Polymers", A. Béziau, S. A. Baudron, G. Rogez, M. W. Hosseini, *CrystEngComm.*, 2013, 15, 5980-5985.

71) "Synthesis of Cubane-type Ni(II) Complexes from Pyridyl-Alcohol Ligands; their Single-Molecule Magnet Behaviour", S. Hameury, L. Kayser, R. Pattacini, G. Rogez, W. Wernsdorfer, P. Braunstein, *Dalton Trans.*, 2013, 42, 5013-5024.

70) "From discrete tricyanovinylene appended 7-azaindole copper(II) paddlewheel to an infinite 1D network : synthesis, crystal structure and magnetic properties", D. Pogozhev, S. A. Baudron, G. Rogez, M. W. Hosseini, *Polyhedron*, 2013, 52, 1329-1335.

69) "Supramolecular Organization and Magnetic Properties of Mesogen-Hybridized Mixed-Valent Manganese Single Molecule Magnets [Mn^{III}S\text{Mn}^{IV}O_{12}(L_{2z2-c8})_{16}(H_2O)_4]", E. Terazzi, G. Rogez, J.-L. Gallani, B. Donnio, *J. Am. Chem. Soc.*, 2013, 135, 2708-2722.

68) "Synthesis, characterization and observation of structural diversities in a series of transition metal based furan dicarboxylic acid system", R. Sen, D. Mal, P. Brandão, G. Rogez, Z. Lin, *CrystEngComm.*, 2013, 15, 2113-2119.

67) "Structural, magnetic and optical properties of a Fe(III) dimer bridged by the meridional planar divergent N,N'-bis(salicyl)hydrazide and its photo- and electro-chemistry in solution", K. Cheaib, D.
Martel, N. Clément, F. Eckes, S. Kouaho, G. Rogez, S. Dagorne, M. Kurmoo, S. Choua, R. Welter, *Dalton Trans.*, 2013, 42, 1406-1416.

66) "Functional hybrid materials based on layered simple hydroxide hosts and dicarboxylate Schiff base metal complexes guests", S. Eyele-Mezui, E. Delahaye, G. Rogez, P. Rabu, *Eur. J. Inorg. Chem.*, 2012, 5225-5238.

65) "Self-ordering of metallogrid complexes via directed hydrogen-bonding", A. R. Stefankiewicz, G. Rogez, J. Harrowfield, A. N. Sobolev, A. Madalan, J. Huuskonen, Kari Rissanen, J.-M. Lehn, *Dalton Trans.*, 2012, 41, 13848-13855.

64) "Tuning the magnetic anisotropy in core-shell coordination nanoparticles", Y. Prado, N. Dia, L. Lisnard, G. Rogez, L. Catala, T. Mallah, *Chem. Commun.*, 2012, 48, 11455-11457.

63) "Nitrate Bridged “Pseudo Double Propeller” Type Lanthanide (III)-Copper (II) Heterometallic Clusters: Syntheses, Structures, and Magnetic Properties", A. K. Chaudhari, B. Joarder, E. Rivièrè, G. Rogez, S. K. Ghosh, *Inorg. Chem.*, 2012, 51, 9159-9161.

62) "Robust Spin Crossover and Memristance across a Single Molecule", T. Miyamachi, M. Gruber, V. Davesne, M. Bowen, S. Boukari, L. Joly, F. Scheurer, G. Rogez, T. K. Yamada, P. Ohresser, E. Beaurepaire, W. Wulfhekel, *Nat. Commun.*, 2012, 3, 938-943.

61) "A carboxylate based dinuclear dysprosium (III) cluster exhibiting slow magnetic relaxation behaviour", B. Joarder, A. K. Chaudhari, G. Rogez, S. K. Ghosh, *Dalton Trans.*, 2012, 41, 7695-7699.

60) "Functional heterometallic layered hybrid magnets by double ion-exchange", E. Delahaye, S. Eyele-Mezui, M. Diop, C. Leuvrey, D. Foix, D. Gonbeau, P. Rabu, G. Rogez, *Eur. J. Inorg. Chem.*, 2012, 16, 2731-2740.

59) "Peptide-Intercalated Layered Metal Hydroxides: Effect of Peptide Chain Length and Side Chain Functionality on Structural, Optical and Magnetic Properties", S. Si, A. Taubert, A. Mantion, G. Rogez, P. Rabu, *Chem. Sci.*, 2012, 3, 1945-1957.

58) "Synthesis, Structure, and Magnetic Properties of a New Eight-Connected Metal–Organic Framework (MOF) based on Co₄ Clusters", D. Sarma, P. Mahata, S. Natarajan, P. Panissod, G. Rogez, M. Drillon, *Inorg. Chem.*, 2012, 51, 4495-4501.

57) "A Stable Hybrid Bispophonate Polyoxometalate Single-Molecule Magnet", H. El Moll, A. Dolbecq, J. Marrot, G. Rousseau, M. Haouas, F. Taulelle, G. Rogez, W. Wernsdorfer, B. Keita, P. Mialane, *Chem. Eur. J.*, 2012, 18, 3845-3849.

56) "Control of the Clearing Temperature of Metallomesogens by Specific Interface Design: Application to Mn₁₂ Single Molecule Magnets", E. Terazzi, T. B. Jensen, B. Donnio, K.-L. Buchwalder, C. Bourgogne, G. Rogez, J.-L. Gallani, C. Piguet, *Dalton Trans.*, 2011, 40, 12028-12032.

55) "Functional hybrid materials based on inorganic hosts and ionic liquid guests (ionogels) - the world beyond the silica matrix", E. Delahaye, Z. Xie, A. Schaefer, L. Douce, G. Rogez, P. Rabu, C. Günter, J. S. Gutmann, A. Taubert, *Dalton Trans.*, 2011, 40, 9977-9988.

54) "Ditopic Bis(oxazolines): Synthesis and Structural Studies of Zinc(II), Copper(II) and Nickel(II) Complexes", A. Nano, L. Brelot, G. Rogez, A. Maisse-François, S. Bellemín-Laponnaz, *Inorg. Chim. Acta*, 2011, 376, 1, 285-289.
53) "Magnetism and multifunctionalities by control of the organisation in layered hybrid nanostructures", G. Rogez, C. Massobrio, P. Rabu, M. Drillon, *Chem. Soc. Rev.*, **2011**, *40*, 1031-1058.

52) "Tailored coordination nanoparticles: assessing the magnetic single-domain critical size", Y. Prado, L. Lisonard, D. Heurtaux, G. Rogez, A. Gloter, O. Stéphan, N. Dia, E. Rivièere, L. Catala, T. Mallah, *Chem. Commun.*, **2011**, 47, 1051-1053.

51) "Rational synthesis of chiral layered magnets by functionalization of metal Simple Hydroxides with chiral and non-chiral Ni(II) Schiff base complexes", E. Delahaye, S. Eyele-Mezui, M. Diop, C. Leuvrey, P. Rabu, G. Rogez, *Dalton Trans.*, **2010**, *44*, 10577-10580.

50) "Synthesis, optical and magnetic properties of hybrid α,α'-oligothiophenecarboxylates / transition metal hydroxide multilayered compounds", A. Demessence, A. Yassar, G. Rogez, L. Miozzo, S. De Brion, P. Rabu, *J. Mater. Chem.*, **2010**, *20*, 9401-9414.

49) "From salicylaldehyde to chiral salen sulfonates: syntheses, structure and properties of new transition metal complexes derived from sulfonate salen ligands", E. Delahaye, M. Diop, R. Welter, M. Boero, C. Massobrio, P. Rabu, G. Rogez, *Eur. J. Inorg. Chem.*, **2010**, *28*, 4450-4461.

48) "Chelate effect of pyridine-alcohol ligands on the nuclearity of Ni(II) and Na(I)/Ni(II) complexes", L. Kayser, R. Pattacini, G. Rogez, P. Braunstein, *Chem. Commun.*, **2010**, 35, 6461-6463.

47) "Magneto-optical control of a Mn12 nano-magnet", E. Rivièere, B. Donnio, E. Voirin, G. Rogez, J.-P. Kappler, J.-L. Gallani, *J. Mater. Chem.*, **2010**, *20*, 7165-7168.

46) "Magneto-optical interactions in single-molecule magnets: low-temperature photon-induced demagnetization", B. Donnio, E. Rivièere, E. Terazzi, E. Voirin, C. Aronica, G. Chastanet, D. Luneau, G. Rogez, F. Scheurer, L. Joly, J.-P. Kappler, J.-L. Gallani, *Solid State Science*, **2010**, *12*, 1307-1313.

45) "Structural effect of sodium cations in the synthesis of polynuclear, multicubane-type mixed Na-Ni complexes", J. Zhang, P. Teo, R. Pattacini, A. Kermagoret, R. Welter, T. S. A. Hor, G. Rogez, P. Braunstein, *Angew. Chem. Int. Ed.*, **2010**, *49*, 4443-4446.

44) "Novel CrIII dinuclear complexes supported by salicyloylhydrazono dithiolane and dithiane ligands: synthesis, stability, crystal structures and magnetic properties", N. Clément, C. Toussaint, G. Freund, G. Rogez, C. Loose, J. Kortus, L. Brelot, S. Choua, S. Dagorne, P. Turek, R. Welter, *Dalton Trans.*, **2010**, *39*, 4579-4585.

43) "Multiferroic materials: the attractive route of Metal-Organic Frameworks" (Highlight), G. Rogez, N. Viart, M. Drillon, *Angew. Chem. Int. Ed.*, **2010**, *49*, 1921-1923.

42) "Loss of the Single-Molecule-Magnet Behaviour of a Mn12-based compound assembled in monolayer", N. Grumbach, A. Barla, L. Joly, B. Donnio, G. Rogez, E. Terazzi, J.-P. Kappler, J.-L. Gallani, *Eur. Phys. J. B.*, **2010**, *73*, 103-108.

41) "Stability, molecular structures and magnetic properties of dinuclear iron complexes supported by benzoic hydrazide derivative ligands", N. Boussilmani, N. Clément, G. Rogez, P. Turek, S. Choua, S. Dagorne, R. Welter, *Inorg. Chim. Acta*, **2010**, *363*, 1, 213-220.
40) "Tunable synthesis and loading of Prussian Blue into exponentially growing multilayers of polyelectrolytes", N. Laugel, F. Boulmedais, A. E. El Haitami, P. Rabu, G. Rogez, J.-C. Voegel, P. Schaaf, V. Ball, *Langmuir*, 2009, 25, 24, 14030-14036.

39) "The quest towards organizing and addressing nanoscale magnets: the example of single molecule magnets", G. Rogez, B. Donnio, E. Terazzi, A. Naitabdi, J.-L. Gallani, J.-P. Kappler, J.-P. Bucher, M. Drillon, *Adv. Mater.*, 2009, 21, 43, 4323-4333.

38) "Study of molecular spin-crossover complex Fe(phen)$_2$(NCS)$_2$ thin films", S. Shi, G. Schmerber, J. Arabski, J.-B. Beauchant, D. J. Kim, S. Boukari, M. Bowen, N. T. Kemp, N. Viart, G. Rogez, E. Beaurepaire, H. Aubriet, J. Petersen, C. Becker, D. Ruch, *Appl. Phys. Lett.*, 2009, 95, 043303.

37) "Structure and magnetic properties of a new nickel(II) hydroxy-thiophenedicarboxylate", A. Demessence, A. Mesbah, M. François, G. Rogez, P. Rabu, *Eur. J. Inorg. Chem.*, 2009, 25, 3713-3720.

36) "New magnetic hybrid organic-inorganic compounds incorporating carboxylate and sulfonate azo dyes", E. Delahaye, S. Eyele-Mezui, J.-F. Bardeau, C. Leuvrey, L. Mager, P. Rabu, G. Rogez, *J. Mater. Chem.*, 2009, 19, 6106-6115.

35) "Structural features directing the specificity and functionality of metallo-supramolecular grid-type architectures", A. R. Stefankiewicz, G. Rogez, J. Harrowfield, M. Drillon, J.-M. Lehn, *Dalton Trans.*, 2009, 28, 5787-5802.

34) "Iron Polyoxometalate Single-Molecule Magnets", J.-D. Compain, P. Mialane, A. Dolbecq, I.-M. Mbomekalle, J. Marrot, F. Sécheresse, E. Rivière, G. Rogez, W. Wernsdorfer, *Angew. Chem. Int. Ed.*, 2009, 48, 3077-3081.

33) "Copper (II) dinuclear pyrazine based rack-type complexes: preparation, structure and magnetic properties", J. Ramírez, A.-M. Stadler, G. Rogez, M. Drillon, J.-M. Lehn, *Inorg. Chem.*, 2009, 48, 2456-2463.

32) "Co(II)(L-proline)$_2$(H$_2$O)$_2$ solid complex: characterization, magnetic properties, and DFT computations. Preliminary studies of its use as oxygen scavenger in packaging films", Z. Damaj, A. Naveau, L. Dupont, E. Hénon, G. Rogez, E. Guillou, *Inorg. Chem. Commun.*, 2009, 12, 18-20.

31) "Epitaxial growth of multishell magnetic coordination nanoparticles: towards multifunctionality at the nanoscale", L. Catala, D. Brinzei, Y. Prado, A. Gloter, O. Stéphan, G. Rogez, T. Mallah, *Angew. Chem. Int. Ed.*, 2009, 48, 1, 183-187.

30) "Synthesis, structure, magnetic and catalytic properties of new dinuclear chromium(III) complexes with oxazoline alcoholate ligands", S. Jie, R. Pattacini, G. Rogez, C. Loose, J. Kurtos, P. Braunstein, *Dalton Trans.*, 2009, 1, 97-105.

29) "Synthesis of new Cu(II), Ni(II), and Co(II) complexes with a bis-amide ligand functionalized with pyridine moieties. Spectral, magnetic and electrochemical studies", N. Tounsi, L. Dupont, A. Mohamadou, E. Guillou, M. Aplincourt, G. Rogez, *Polyhedron*, 2008, 27, 3674-3682.

28) "Synthesis, crystal structure and spectroscopic properties of a new chiral cadmium (II) malate", A. Beghidja, C. Beghidja, G. Rogez, R. Welter, P. Rabu, *Inorg. Chem. Commun.*, 2008, 11, 9, 1088-1090.
27) "Magnetic behaviour of negatively charged nickel(II) hexacyanoferrate(III) coordination nanoparticles", D. Brinzei, L. Catala, G. Rogez, A. Gloter, T. Mallah, Inorg. Chim. Acta, 2008, 361, 14-15, 3931-3936.

26) "Synthesis, magnetic and EPR studies of new mono- and binuclear iron complexes with salicyloylhydrazono dithiolane ligand", N. Bouslimani, N. Clément, G. Rogez, P. Turek, M. Bernard, S. Dagorne, R. Welter, Inorg. Chem., 2008, 47, 7623-7630.

25) "Grafting a monolayer of superparamagnetic cyanide-bridged coordination nanoparticles on Si(100)", B. Fleury, F. Volatron, L. Catala, D. Brinzei, E. Rivière, V. Huc, C. David, F. Miserque, G. Rogez, L. Baraton, S. Palacin, T. Mallah, Inorg. Chem., 2008, 47, 1898-1900.

24) "Single molecule magnets with mesomorphic lamellar ordering", E. Terazzi, C. Bourgogne, R. Welter, J.-L. Gallani, D. Guillon, G. Rogez, B. Donnio, Angew. Chem. Int. Ed., 2008, 47, 3, 490-495.

23) "Synthesis, crystal structure and magnetic properties of a new mixed-valence \([\text{Mn}^\text{III}_4\text{Mn}^\text{II}]\) pentanuclear complex", C. Beghidja, G. Rogez, R. Welter, New J. Chem., 2007, 31, 8, 1403-1406.

22) "Unprecedented Tetranuclear Complexes with 20-Electron Ni\text{II} centers: The Role of Pressure and Temperature on Their Solid State and Solution Isomerism", A. Kermagoret, R. Pattacini, P. Chavez Vasquez, G. Rogez, R. Welter, P. Braunstein, Angew. Chem. Int. Ed., 2007, 46, 34, 6438-6441.

21) "Structure and Magnetic Properties of a New Co\text{II}-Thiophenedicarboxylate Coordination Polymer Showing Unprecedented Coordination", A. Demessence, G. Rogez, R. Welter, P. Rabu, Inorg. Chem., 2007, 46, 9, 3423-3425.

20) "A Molecular Plug-Socket Connector", G. Rogez, B. Ferrer Ribera, A. Credi, R. Ballardini, M. T. Gandolfi, V. Balzani, Y. Liu, B. H. Northrop, J. F. Stoddart, J. Am. Chem. Soc., 2007, 129, 15, 4633-4642.

19) "Synthesis, structure and magnetic properties of a new family of chiral Metal(II) citramalates", A. Beghidja, R. Welter, P. Rabu, G. Rogez, Inorg. Chim. Acta, 2007, 360, 3, 1111-1120.

18) "Photoinduced electron flow in a self-assembling supramolecular extension cable", B. Ferrer, G. Rogez, A. Credi, R. Ballardini, M. T. Gandolfi, V. Balzani, Y. Liu, H.-R. Tseng, J. F. Stoddart, Proc. Natl. Acad. Sci. U.S.A., 2006, 103, 49, 18411-18416.

17) "Synthesis, Structure and Magnetic Properties of Series of Chiral and Non-Chiral Transition Metal Malates", A. Beghidja, P. Rabu, G. Rogez, R. Welter, Chem. Eur. J., 2006, 12, 29, 7627-7638.

16) "Hydrothermal synthesis of monodisperse magnetite nanoparticles", T. J. Daou, G. Pourroy, S. Bégin-Colin, J.-M. Grenèche, C. Ulhaq-Bouillet, P. Legaré, C. Leuvrey, G. Rogez, Chem. Mater., 2006, 18, 18, 4399-4404.

15) "An approach to chiral magnets using a-hydroxycarboxylates", A. Beghidja, G. Rogez, P. Rabu, R. Welter, M. Drillon, J. Mater. Chem., 2006, 16, 26, 2715-2728.

14) "Spontaneous stabilization and isolation of dispersible bimetallic coordination nanoparticules of Cs\text{II}\text{Ni}[Cr(CN)\text{6}]\text{y}^\text{z}", D. Brinzei, L. Catala, N. Louvain, G. Rogez, O. Stéphan, A. Gloter, T. Mallah, J. Mater. Chem., 2006, 16, 26, 2593-2599.

13) "Grafting of thiophenecarboxylates into magnetic transition metal hydroxide layers", A. Demessence, G. Rogez, P. Rabu, Chem. Mater., 2006, 18, 13, 3005-3015.
12) "Magnetic anisotropy of two trinuclear and tetranuclear Ni\(\text{II}\)Cr\(\text{III}\) cyanide-bridged complexes with spin ground states \(S = 4\) and \(5\)", J.-N. Rebilly, L. Catala, G. Charron, G. Rogez, E. Rivière, R. Guillot, A.-L. Barra, T. Mallah, *Dalton Trans.*, 2006, 23, 2818-2828.

11) "Very Strong Ferromagnetic Interaction in a New Binuclear \(\mu\)-Methoxo-Bridged Mn(III) Complex: Synthesis, Crystal Structure, Magnetic Properties, and DFT Calculations", C. Beghidja, G. Rogez, J. Kortus, M. Wesolek, R. Welter, *J. Am. Chem. Soc.*, 2006, 128, 10, 3140-3141.

10) "Superparamagnetic bimetallic cyanide-bridged coordination nanoparticles with \(T_B = 9\) K", L. Catala, A. Gloter, O. Stéphan, G. Rogez, T. Mallah, *Chem. Commun.*, 2006, 9, 1018-1020.

9) "Very Large Ising-type Magnetic Anisotropy in a Mononuclear Ni\(\text{II}\) Complex", G. Rogez, J.-N. Rebilly, A.-L. Barra, L. Sorace, G. Blondin, N. Kirchner, M. Duran, J. van Slageren, S. Parsons, L. Ricard, A. Marvilliers, T. Mallah, *Angew. Chem. Int. Ed.*, 2005, 44, 12, 1876-1879.

8) "Cyanide compounds : a mixed-valence heptanuclear iron complex", G. Rogez, A. Marvilliers, T. Mallah, B. Moubaraki, L. Spiccia, *Inorg. Synth.*, 2004, 34, 141-144.

7) "Synthesis, Crystal Structures, and Magnetic Properties of Two New 1D Copper(II) Coordination Polymers Containing Fumarate(-2) and Chelating N,N'-Donor as Ligands", S. Dalai, P. S. Mukherjee, G. Rogez, T. Mallah, M. G. B. Drew, N. R. Chaudhuri, *Eur. J. Inorg. Chem.*, 2002, 3292-3297.

6) "Tuning the optical properties of Prussian blue-like complexes", G. Rogez, A. Marvilliers, P. Sarr, S. Parsons, S. J. Teat, L. Ricard, T. Mallah, *Chem. Commun.*, 2002, 1460-1461.

5) "Magnetic Nanocomposites Built by Controlled Incorporation of Magnetic Clusters into Mesoporous Silicates", T. Coradin, J. Larionova, A. A. Smith, G. Rogez, R. Clérac, C. Guérin, G. Blondin, R. E. P. Winpenny, C. Sanchez, T. Mallah, *Adv. Mater.*, 2002, 14, 896-898.

4) "A Prussian Blue Nanomolecule : Crystal Structure and Low-Temperature Magnetism", G. Rogez, S. Parsons, C. Paulsen, V. Villar, T. Mallah, *Inorg. Chem.*, 2001, 40, 3836-3837.

3) "A three component fully interlocked 3-D network : crystal structure and magnetic properties", P. S. Mukherjee, S. Dalai, G. Mostafa, E. Zangrando, T.-H. Lu, G. Rogez, T. Mallah, N. R. Chaudhuri, *Chem. Commun.*, 2001, 1346-1347.

2) "Pentanuclear Cyanide-Bridged Complexes with High Spin Ground States \(S=6\) and \(S=9\): Characterization and Magnetic Properties", A. Marvilliers, C. Hortholary, G. Rogez, J.-P. Audière, E. Rivière, J. Cano Boquera, C. Paulsen, V. Villar, T. Mallah, *Journal of Solid State Chemistry*, 2001, 159, 302-307.

1) "A Mixed-Valence Mixed-Spin Prussian blue-Like Heptanuclear Complex", G. Rogez, A. Marvilliers, E. Rivière, J.-P. Audière, F. Lloret, F. Varret, A. Goujon, N. Mendenez, J.-J. Girerd, T. Mallah, *Angew. Chem. Int. Ed.*, 2000, 39, 16, 2885-2887.