Mario Llusar

List of Publications by Year
in descending order

67 papers	1,974 citations	279798 23 h-index	254184 43 g-index
67 all docs	67 docs citations	67 times ranked	1854 citing authors

#	Article	IF	Citations
1	Inorganic and Hybrid Nanofibrous Materials Templated with Organogelators. Chemistry of Materials, 2008, 20, 782-820.	6.7	236
2	Colour analysis of some cobalt-based blue pigments. Journal of the European Ceramic Society, 2001, 21, 1121-1130.	5.7	217
3	Insight on the NMR Study of Supramolecular Gels and Its Application to Monitor Molecular Recognition on Self-Assembled Fibers. Journal of Organic Chemistry, 2006, 71, 7747-7752.	3.2	179
4	One-pot synthesis of phenyl- and amine-functionalized silica fibers through the use of anthracenic and phenazinic organogelators. Journal of Materials Chemistry, 2003, 13, 2505-2514.	6.7	88
5	Cobalt minimisation in willemite (CoxZn2âˆ’xSiO4) ceramic pigments. Green Chemistry, 2000, 2, 93-100.	9.0	80
6	The nature of Pr-ZrSiO4 yellow ceramic pigment. Journal of Materials Science, 2002, 37, 1413-1420.	3.7	73
7	Structure and colour of cobalt ceramic pigments from phosphates. Ceramics International, 2007, 33, 843-849.	4.8	61
8	Low-toxicity red ceramic pigments for porcelainised stoneware from lanthanideâ€“cerianite solid solutions. Green Chemistry, 2001, 3, 238.	9.0	51
9	Red ceramic pigments of terbium-doped ceria prepared through classical and non-conventional coprecipitation routes. Journal of the European Ceramic Society, 2010, 30, 37-52.	5.7	43
10	Blue-violet ceramic pigments based on Co and Mg Co2âˆ’xMgxP2O7 diphosphates. Journal of the European Ceramic Society, 2010, 30, 1887-1896.	5.7	43
11	Synthesis of iron zircon coral by coprecipitation routes. Journal of Materials Science, 2001, 36, 153-163.	3.7	41
12	Design of organically functionalised hybrid silica fibres through the use of anthracenic organogelatorsElectronic supplementary information (ESI) available: SEM images of other non-calcined/unwashed hybrid samples prepared using DDOA (non-hydrolytic conditions) and DAP organogelators (Fig. S1); additional SEM images of calcined/washed organosilicas (Fig. S2); 29Si MAS NMR spectra of samples A and B (Fig. S3). See http://www.rsc.org/suppdata/jm/b2/b212465n/. Journal of Materials Chemistry, 2003, 13, 442-444.	6.7	41
13	Templated Growth of Alumina-Based Fibers through the Use of Anthracenic Organogelators. Chemistry of Materials, 2002, 14, 5124-5133.	6.7	38
14	Nanocomposite Fe2O3â€“SiO2 inclusion pigments from post-functionalized mesoporous silicas. Journal of the European Ceramic Society, 2009, 29, 3319-3332.	5.7	33
15	Encapsulation of Hematite in Zircon by Microemulsion and Sol-Gel Methods. Journal of Sol-Gel Science and Technology, 2003, 27, 267-275.	2.4	32
16	Morphology templating of nanofibrous silica through pH-sensitive gels: â€œin situâ€•and â€œpost-diffusionâ€• strategies. Journal of Materials Chemistry, 2006, 16, 1817-1824.	6.7	31
17	Pink ceramic pigments based on chromium doped M(Al 2âˆ’x Cr x)O 4 , M=Mg, Zn, normal spinel. Ceramics International, 2013, 39, 6981-6989.	4.8	31
18	Chromium(IV) Stabilisation in New Ceramic Matrices by Coprecipitation Method: Application as Ceramic Pigments. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 2131-2135.	1.2	30

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19	Iron and chromium doped perovskite (CaMO3 M = Ti, Zr) ceramic pigments, effect of mineralizer. Ceramics International, 2012, 38, 4453-4460.	4.8	27
20	Synthesis and coloring performance of Ni-geikielite (Ni,Mg)TiO3 yellow pigments: Effect of temperature, Ni-doping and synthesis method. Journal of the European Ceramic Society, 2015, 35, 3721-3734.	5.7	27
21	Synthesis, stability and coloring properties of yellowâ€“orange pigments based on Ni-doped karrooite (Ni,Mg)Ti2O5. Journal of the European Ceramic Society, 2015, 35, 357-376.	5.7	27
22	Reinforcement of single-firing ceramic glazes with the addition of polycrystalline tetragonal zirconia (3Yâ€“TZP) or zircon. Journal of the European Ceramic Society, 2002, 22, 639-652.	5.7	26
23	Environmental optimisation of blue vanadium zircon ceramic pigment. Journal of the European Ceramic Society, 1999, 19, 2647-2657.	5.7	25
24	Structure and color of Ni x A 1â^'3x B 2x O 2 (A=Ti, Sn; B=Sb, Nb) solid solutions. Journal of the European Ceramic Society, 2004, 24, 2425-2432.	5.7	25
25	New pink ceramic pigment based on chromium (IV)-doped lutetium gallium garnet. Journal of the European Ceramic Society, 2007, 27, 199-205.	5.7	25
26	Development of blue ceramic dyes from cobalt phosphates. Ceramics International, 2008, 34, 1431-1438.	4.8	25
27	Environmental and colour optimisation of mineraliser addition in synthesis of iron zircon ceramic pigment. Advances in Applied Ceramics, 2000, 99, 14-22.	0.4	24
28	Effect of the surfactant and precipitant on the synthesis of pink coral by a microemulsion method. Journal of the European Ceramic Society, 2003, 23, 1829-1838.	5.7	23
29	Minimisation of toxicity in nickel ferrite black pigment. Advances in Applied Ceramics, 2004, 103, 3-9.	0.4	23
30	New vanadium doped calcium titanate ceramic pigment. Ceramics International, 2011, 37, 3665-3670.	4.8	21
31	Synthesis of diphosphate Mn2â^'xMgxP2O7 solid solutions with thortveitite structure: New pink ceramic dyes for the colouration of ceramic glazes. Journal of the European Ceramic Society, 2012, 32, 765-776.	5.7	20
32	Cool and photocatalytic yellow ceramic pigments; from lead-tin to Cr doped scheelite pigments. Ceramics International, 2019, 45, 4613-4625.	4.8	20
33	Red-brown ceramic pigments based on chromium doped ferrian armalcolite, effect of mineralizers. Ceramics International, 2017, 43, 5490-5497.	4.8	19
34	Karrooite green pigments doped with Co and Zn: Synthesis, color properties and stability in ceramic glazes. Ceramics International, 2017, 43, 9133-9144.	4.8	16
35	New chromium doped powellite (Crâ€“CaMoO4) yellow ceramic pigment. Ceramics International, 2015, 41, 6364-6372.	4.8	15
36	OclusiÃ³n de Ã³xidos cromoforos mediante mÃ©todos Sol-Gel: AplicaciÃ³n a la sÃntesis de rojo Hematita-SÃlice. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2000, 39, 83-93.	1.9	15

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37	Praseodymium-doped cubic Caâ€“ZrO2 ceramic stain. Journal of the European Ceramic Society, 2002, 22, 1981-1990.	5.7	14
38	Stability and coloring properties of Ni-qandilite green spinels (Ni,Mg) 2 TiO 4 : The â€œhalf color wheelâ€• of Ni-doped magnesium titanates. Dyes and Pigments, 2015, 122, 368-381.	3.7	14
39	Study of zircon or zirconia crystals addition in ceramic glazes by impedance spectroscopy. Ceramics International, 2005, 31, 181-188.	4.8	13
40	Ceramic pigments based on chromium doped alkaline earth titanates. Ceramics International, 2013, 39, 4125-4132.	4.8	13
41	Study of Sb-doped SnO2 Gray Ceramic Pigment with Cassiterite Structure. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 2188-2191.	1.2	12
42	New Chromium-Calcium Titanate Red Ceramic Pigment. Advances in Science and Technology, 0, , .	0.2	12
43	Orthorhombic (Fe2TiO5)-monoclinic (Cr2TiO5) solid solution series: Synthesis by gel routes, coloring and NIR reflectivity evaluation. Ceramics International, 2018, 44, 13349-13359.	4.8	12
44	Environmental and colour optimisation of mineraliser addition in synthesis of iron zircon ceramic pigment. Advances in Applied Ceramics, 2000, 99, 14-22.	0.4	11
45	Grafting of Gold Nanoparticles onto Organogelator-Templated Fibrous Mercaptosilica. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 2215-2220.	1.2	9
46	Synthesis of nickel-iron spinel by non-conventional methods. Journal of Sol-Gel Science and Technology, 2006, 38, 167-177.	2.4	9
47	Synthesis of a new Ca<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow /><mml:mrow><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Y<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn><mml:mo>âˆ’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>V<mml:m	1.2	9
48	Influence of precursors on formation of TiO2â€“CrTaO4rutile solid solutions. Advances in Applied Ceramics, 2000, 99, 219-224.	0.4	8
49	Synthesis and characterisation of chromium lutetium gallium garnet solid solution. Materials Research Bulletin, 2007, 42, 437-445.	5.2	8
50	Transcription of Nanofibrous Cerium Phosphate Using a pH-Sensitive Lipodipeptide Hydrogel Template. Gels, 2017, 3, 23.	4.5	8
51	Study of nickel precursors in (Ni,M,Ti)O2(M = Sb, Nb) yellow ceramic pigments. Advances in Applied Ceramics, 2004, 103, 10-14.	0.4	7
52	ObtenciÃ³n de pigmentos cerÃ¡micos de perovskita CaTiO₃ dopada con cromo y vanadio por descomposiciÃ³n metal-orgÃ¡nica (MOD). Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2012, 51, 343-352.	1.9	7
53	Design of functional nano-structured inorganic and hybrid materials. Studies in Surface Science and Catalysis, 2005, 156, 19-36.	1.5	6
54	Effect of synthesis methods and aging on synthesis of uvarovite garnet by ceramic and solâ€“gel processes. Advances in Applied Ceramics, 1999, 98, 113-121.	0.4	5

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55	Eu3+-Nd2O3blue pigmented solid solutions. Advances in Applied Ceramics, 2002, 101, 242-246.	0.4	5
56	Multicomponent Black Coloured Spinels from Alkoxides. Journal of Sol-Gel Science and Technology, 2003, 26, 191-194.	2.4	5
57	Thermal study of the Ce0.9Tb0.1O2 pigment prepared by different synthesis. Journal of Thermal Analysis and Calorimetry, 2010, 102, 661-665.	3.6	5
58	Solid solutions of mixed metal Mn3â^'xMgxFe4(PO4)6 orthophosphates: Colouring performance within a double-firing ceramic glaze. Ceramics International, 2011, 37, 493-504.	4.8	5
59	Influence of synthesis method and praseodymium doping on properties of yttrium stabilised zirconia. Advances in Applied Ceramics, 2001, 100, 251-255.	0.4	4
60	Structural and electrical conductivity studies on (M,V)-TiO₂(M=Al, Cr, Fe) rutile solid solutions at high temperature. Journal of Materials Science: Materials in Electronics, 2004, 15, 265-270.	2.2	4
61	Development of New Ceramic Dyes. Advances in Science and Technology, 2010, 68, 182-193.	0.2	4
62	Influence of synthesis method and praseodymium doping on properties of yttrium stabilised zirconia. Advances in Applied Ceramics, 2001, 100, 251-255.	0.4	4
63	Synthesis and structural characterisation of solid solutions CrxTi1-2x-yVx+yO2at atmospheric pressure. Advances in Applied Ceramics, 1999, 98, 230-233.	0.4	3
64	New Ceramic Pigments for the Coloration of Ceramic Glazes. Advances in Science and Technology, 0, , .	0.2	3
65	Ecopigmentos cerÃ¡micos verdes y amarillos de Pr₂Mo₂O₉ dopados con calcio obtenidos en presencia de mineralizadores y por coprecipitaciÃ³n quÃmica. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2011, 50, 219-224.	1.9	3
66	Ceramization of heavy metals in (Ba1â^'XMx)Al2Si2O8 celsian solid solutions and recycling as pigments. Materials Letters, 2018, 221, 187-191.	2.6	1
67	Sol-Gel ceramic glazes with photocatalytic activity. Journal of Sol-Gel Science and Technology, 2022, , 1-15.	2.4	0