

Mario Llusar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/192290/publications.pdf>

Version: 2024-02-01

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	Sol-Gel ceramic glazes with photocatalytic activity. Journal of Sol-Gel Science and Technology, 2022, , 1-15.	2.4	0
2	Cool and photocatalytic yellow ceramic pigments; from lead-tin to Cr doped scheelite pigments. Ceramics International, 2019, 45, 4613-4625.	4.8	20
3	Orthorhombic (Fe ₂ TiO ₅)-monoclinic (Cr ₂ TiO ₅) solid solution series: Synthesis by gel routes, coloring and NIR reflectivity evaluation. Ceramics International, 2018, 44, 13349-13359.	4.8	12
4	Ceramization of heavy metals in (Ba _{1-x} M _x)Al ₂ Si ₂ O ₈ celsian solid solutions and recycling as pigments. Materials Letters, 2018, 221, 187-191.	2.6	1
5	Red-brown ceramic pigments based on chromium doped ferrian armalcolite, effect of mineralizers. Ceramics International, 2017, 43, 5490-5497.	4.8	19
6	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
7	Transcription of Nanofibrous Cerium Phosphate Using a pH-Sensitive Lipodipeptide Hydrogel Template. Gels, 2017, 3, 23.	4.5	8
8	New chromium doped powellite (Cr ²⁺ CaMoO ₄) yellow ceramic pigment. Ceramics International, 2015, 41, 6364-6372.	4.8	15
9	Synthesis and coloring performance of Ni-geikielite (Ni,Mg)TiO ₃ yellow pigments: Effect of temperature, Ni-doping and synthesis method. Journal of the European Ceramic Society, 2015, 35, 3721-3734.	5.7	27
10	Stability and coloring properties of Ni-qandilite green spinels (Ni,Mg) ₂ TiO ₄ : The "half color wheel" of Ni-doped magnesium titanates. Dyes and Pigments, 2015, 122, 368-381.	3.7	14
11	Synthesis, stability and coloring properties of yellow "orange pigments based on Ni-doped karrooite (Ni,Mg)Ti ₂ O ₅ . Journal of the European Ceramic Society, 2015, 35, 357-376.	5.7	27
12	Pink ceramic pigments based on chromium doped M(Al _{2-x} Cr _x)O ₄ , M=Mg, Zn, normal spinel. Ceramics International, 2013, 39, 6981-6989.	4.8	31
13	Ceramic pigments based on chromium doped alkaline earth titanates. Ceramics International, 2013, 39, 4125-4132.	4.8	13
14	Iron and chromium doped perovskite (CaMO ₃ M = Ti, Zr) ceramic pigments, effect of mineralizer. Ceramics International, 2012, 38, 4453-4460.	4.8	27
15	Synthesis of diphosphate Mn _{2-x} MgxP ₂ O ₇ 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
16	Obtención de pigmentos cerámicos de perovskita CaTiO ₃ ; dopada con cromo y vanadio por descomposición metal-orgánica (MOD). Boletín De La Sociedad Española De Cerámica Y Vidrio, 2012, 51, 343-352.	1.9	7
17	New vanadium doped calcium titanate ceramic pigment. Ceramics International, 2011, 37, 3665-3670.	4.8	21
18	Solid solutions of mixed metal Mn _{3-x} MgxFe ₄ (PO ₄) ₆ orthophosphates: Colouring performance within a double-firing ceramic glaze. Ceramics International, 2011, 37, 493-504.	4.8	5

#	ARTICLE	IF	CITATIONS
19	Ecopigmentos cerámicos verdes y amarillos de $\text{Pr}_2\text{Mo}_2\text{O}_9$ dopados con calcio obtenidos en presencia de mineralizadores y por coprecipitación química. Boletín De La Sociedad Española De Cerámica Y Vidrio, 2011, 50, 219-224.	1.9	3
20	Thermal study of the $\text{Ce}_0.9\text{Tb}_0.1\text{O}_2$ pigment prepared by different synthesis. Journal of Thermal Analysis and Calorimetry, 2010, 102, 661-665.	3.6	5
21	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
22	Blue-violet ceramic pigments based on Co and Mg $\text{Co}_2\text{MgP}_2\text{O}_7$ diphosphates. Journal of the European Ceramic Society, 2010, 30, 1887-1896.	5.7	43
23	Synthesis of a new $\text{Ca}_x\text{Y}_y\text{V}_z$ ceramic pigment. $\frac{\text{Ca}_x\text{Y}_y\text{V}_z}{\text{Ca}_x\text{Y}_y\text{V}_z}$	1.2	9
24	Development of New Ceramic Dyes. Advances in Science and Technology, 2010, 68, 182-193.	0.2	4
25	Nanocomposite $\text{Fe}_2\text{O}_3/\text{SiO}_2$ inclusion pigments from post-functionalized mesoporous silicas. Journal of the European Ceramic Society, 2009, 29, 3319-3332.	5.7	33
26	Development of blue ceramic dyes from cobalt phosphates. Ceramics International, 2008, 34, 1431-1438.	4.8	25
27	Inorganic and Hybrid Nanofibrous Materials Templated with Organogelators. Chemistry of Materials, 2008, 20, 782-820.	6.7	236
28	Structure and colour of cobalt ceramic pigments from phosphates. Ceramics International, 2007, 33, 843-849.	4.8	61
29	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
30	Synthesis and characterisation of chromium lutetium gallium garnet solid solution. Materials Research Bulletin, 2007, 42, 437-445.	5.2	8
31	Morphology templating of nanofibrous silica through pH-sensitive gels: <i>in situ</i> and <i>post-diffusion</i> strategies. Journal of Materials Chemistry, 2006, 16, 1817-1824.	6.7	31
32	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
33	Synthesis of nickel-iron spinel by non-conventional methods. Journal of Sol-Gel Science and Technology, 2006, 38, 167-177.	2.4	9
34	Study of zircon or zirconia crystals addition in ceramic glazes by impedance spectroscopy. Ceramics International, 2005, 31, 181-188.	4.8	13
35	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
36	Study of Sb-doped SnO_2 Gray Ceramic Pigment with Cassiterite Structure. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 2188-2191.	1.2	12

#	ARTICLE	IF	CITATIONS
37	Grafting of Gold Nanoparticles onto Organogelator-Templated Fibrous Mercaptosilica. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2005, 631, 2215-2220.	1.2	9
38	Design of functional nano-structured inorganic and hybrid materials. Studies in Surface Science and Catalysis, 2005, 156, 19-36.	1.5	6
39	Minimisation of toxicity in nickel ferrite black pigment. Advances in Applied Ceramics, 2004, 103, 3-9.	0.4	23
40	Study of nickel precursors in (Ni,M,Ti)O ₂ (M = Sb, Nb) yellow ceramic pigments. Advances in Applied Ceramics, 2004, 103, 10-14.	0.4	7
41	Structural and electrical conductivity studies on (M,V)-TiO ₂ (M=Al, Cr, Fe) rutile solid solutions at high temperature. Journal of Materials Science: Materials in Electronics, 2004, 15, 265-270.	2.2	4
42	Structure and color of Ni _x A _{1-3x} 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
43	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
44	Multicomponent Black Coloured Spinel from Alkoxides. Journal of Sol-Gel Science and Technology, 2003, 26, 191-194.	2.4	5
45	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
46	Design of organically functionalised hybrid silica fibres through the use of anthracenic organogelators. Electronic 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); ²⁹ Si 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
47	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
48	Eu ³⁺ -Nd ₂ O ₃ blue pigmented solid solutions. Advances in Applied Ceramics, 2002, 101, 242-246.	0.4	5
49	Templated Growth of Alumina-Based Fibers through the Use of Anthracenic Organogelators. Chemistry of Materials, 2002, 14, 5124-5133.	6.7	38
50	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
51	Praseodymium-doped cubic Caâ€“ZrO ₂ ceramic stain. Journal of the European Ceramic Society, 2002, 22, 1981-1990.	5.7	14
52	The nature of Pr-ZrSiO ₄ yellow ceramic pigment. Journal of Materials Science, 2002, 37, 1413-1420.	3.7	73
53	Low-toxicity red ceramic pigments for porcelainised stoneware from lanthanideâ€“cerianite solid solutions. Green Chemistry, 2001, 3, 238.	9.0	51
54	Colour analysis of some cobalt-based blue pigments. Journal of the European Ceramic Society, 2001, 21, 1121-1130.	5.7	217

#	ARTICLE	IF	CITATIONS
55	Synthesis of iron zircon coral by coprecipitation routes. Journal of Materials Science, 2001, 36, 153-163.	3.7	41
56	Influence of synthesis method and praseodymium doping on properties of yttrium stabilised zirconia. Advances in Applied Ceramics, 2001, 100, 251-255.	0.4	4
57	Influence of synthesis method and praseodymium doping on properties of yttrium stabilised zirconia. Advances in Applied Ceramics, 2001, 100, 251-255.	0.4	4
58	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
59	Influence of precursors on formation of $TiO_2 \cdot CrTaO_4$ rutile solid solutions. Advances in Applied Ceramics, 2000, 99, 219-224.	0.4	8
60	Cobalt minimisation in willemite ($CoxZn_{2-x}SiO_4$) ceramic pigments. Green Chemistry, 2000, 2, 93-100.	9.0	80
61	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
62	Oclusi3n de 3xidos cromoforos mediante m3 todos Sol-Gel: Aplicaci3n a la s3ntesis de rojo Hematita-S3lice. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2000, 39, 83-93.	1.9	15
63	Synthesis and structural characterisation of solid solutions $CrxTi_{1-2x-y}Vx+yO_2$ at atmospheric pressure. Advances in Applied Ceramics, 1999, 98, 230-233.	0.4	3
64	Effect of synthesis methods and aging on synthesis of uvarovite garnet by ceramic and sol-gel processes. Advances in Applied Ceramics, 1999, 98, 113-121.	0.4	5
65	Environmental optimisation of blue vanadium zircon ceramic pigment. Journal of the European Ceramic Society, 1999, 19, 2647-2657.	5.7	25
66	New Chromium-Calcium Titanate Red Ceramic Pigment. Advances in Science and Technology, 0, , .	0.2	12
67	New Ceramic Pigments for the Coloration of Ceramic Glazes. Advances in Science and Technology, 0, , .	0.2	3