

Alicia Duran

List of Publications by Year in descending order

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142
papers

5,245
citations

71102

41
h-index

106344

65
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143
all docs

143
docs citations

143
times ranked

3734
citing authors

#	ARTICLE	IF	CITATIONS
1	Updated definition of glass-ceramics. Journal of Non-Crystalline Solids, 2018, 501, 3-10.	3.1	248
2	Synthesis and photocatalytic properties of dense and porous TiO ₂ -anatase thin films prepared by sol-gel. Applied Catalysis B: Environmental, 2009, 86, 1-7.	20.2	174
3	Glass-forming ability, sinterability and thermal properties in the systems RO ₂ -BaO-SiO ₂ (R=Mg, Zn). Journal of Non-Crystalline Solids, 2004, 348, 149-155.	3.1	170
4	Effects of Ce-containing sol-gel coatings reinforced with SiO ₂ nanoparticles on the protection of AA2024. Corrosion Science, 2008, 50, 1283-1291.	6.6	156
5	Protective glass coatings on metallic substrates. Journal of Non-Crystalline Solids, 1990, 121, 338-343.	3.1	154
6	Nanocrystallisation in oxyfluoride systems: mechanisms of crystallisation and photonic properties. International Materials Reviews, 2012, 57, 165-186.	19.3	144
7	Preparation and characterization of cerium doped silica sol-gel coatings on glass and aluminum substrates. Journal of Non-Crystalline Solids, 2004, 348, 162-171.	3.1	135
8	Polymeric sol-gel coatings as protective layers of aluminium alloys. Progress in Organic Coatings, 2003, 46, 288-296.	3.9	128
9	Sol-Gel Coatings on 316L Steel for Clinical Applications. Journal of Sol-Gel Science and Technology, 1998, 13, 723-727.	2.4	116
10	Bioactive coatings prepared by sol-gel on stainless steel 316L. Journal of Non-Crystalline Solids, 2004, 348, 218-224.	3.1	113
11	Sintering of glasses in the system RO ₂ -Al ₂ O ₃ -BaO-SiO ₂ (R=Ca, Mg, Zn) studied by hot-stage microscopy. Solid State Ionics, 2004, 170, 201-208.	2.7	106
12	Optimization of glass-ceramic sealant compositions in the system MgO-BaO-SiO ₂ for solid oxide fuel cells (SOFC). Journal of Power Sources, 2007, 169, 40-46.	7.8	99
13	Sol-gel coatings for protection and bioactivation of metals used in orthopaedic devices. Journal of Materials Chemistry, 2004, 14, 2282-2290.	6.7	90
14	SiO ₂ based hybrid inorganic-organic films doped with TiO ₂ -CeO ₂ nanoparticles for corrosion protection of AA2024 and Mg-AZ31B alloys. Corrosion Science, 2009, 51, 1998-2005.	6.6	77
15	Design of oxy-fluoride glass-ceramics containing NaLaF ₄ nano-crystals. Journal of Non-Crystalline Solids, 2010, 356, 3071-3079.	3.1	73
16	Coatings produced by electrophoretic deposition from nano-particulate silica sol-gel suspensions. Surface and Coatings Technology, 2004, 182, 199-203.	4.8	72
17	Bioactive and Protective Sol-Gel Coatings on Metals for Orthopaedic Prostheses. Journal of Sol-Gel Science and Technology, 2001, 21, 65-74.	2.4	71
18	Structure of inorganic and hybrid SiO ₂ sol-gel coatings studied by variable incidence infrared spectroscopy. Journal of Non-Crystalline Solids, 2002, 298, 219-225.	3.1	71

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19	Bioactive coatings deposited on titanium alloys. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 3488-3495.	3.1	69
20	Synthesis and characterisation of proton conducting styrene-co-methacrylate/silica sol-gel membranes containing tungstophosphoric acid. <i>Solid State Ionics</i> , 2005, 176, 333-340.	2.7	68
21	Crystallization Kinetics of LaF ₃ Nanocrystals in an Oxyfluoride Glass. <i>Journal of the American Ceramic Society</i> , 2011, 94, 2420-2428.	3.8	68
22	Sol-gel coatings on carbon steel: Electrochemical evaluation. <i>Surface and Coatings Technology</i> , 2006, 200, 3486-3491.	4.8	65
23	Protection and surface modification of metals with sol-gel coatings. <i>International Materials Reviews</i> , 2007, 52, 175-192.	19.3	65
24	Cerium hybrid silica coatings on stainless steel AISI 304 substrate. <i>Journal of Sol-Gel Science and Technology</i> , 2006, 39, 131-138.	2.4	64
25	Improved corrosion resistance of AA2024 alloys through hybrid organic-inorganic sol-gel coatings produced from sols with controlled polymerisation. <i>Surface and Coatings Technology</i> , 2009, 203, 1897-1903.	4.8	64
26	Electrochemical behaviour of SiO ₂ sol-gel coatings on stainless steel. <i>Journal of Sol-Gel Science and Technology</i> , 1995, 4, 239-244.	2.4	62
27	Electrochemical and in vitro behaviour of sol-gel coated 316L stainless steel. <i>Corrosion Science</i> , 2004, 46, 795-806.	6.6	61
28	UV highly absorbent coatings with CeO ₂ and TiO ₂ . <i>Journal of Non-Crystalline Solids</i> , 1990, 121, 315-318.	3.1	59
29	Multilayer silica-methacrylate hybrid coatings prepared by sol-gel on stainless steel 316L: Electrochemical evaluation. <i>Surface and Coatings Technology</i> , 2008, 202, 2194-2201.	4.8	59
30	Electrical behaviour of glass-ceramics in the systems RO-Ba-SiO ₂ (R=Mg, Zn) for sealing SOFCs. <i>Journal of Power Sources</i> , 2006, 157, 377-384.	7.8	54
31	Corrosion behaviour of silica hybrid coatings produced from basic catalysed particulate sols by dipping and EPD. <i>Surface and Coatings Technology</i> , 2005, 191, 228-235.	4.8	51
32	Tm ³⁺ doped oxy-fluoride glass-ceramics containing NaLaF ₄ nano-crystals. <i>Optical Materials</i> , 2010, 33, 180-185.	3.6	50
33	Title is missing!. <i>Journal of Sol-Gel Science and Technology</i> , 2003, 27, 175-183.	2.4	49
34	Proton-conducting methacrylate-silica sol-gel membranes containing tungstophosphoric acid. <i>Journal of Power Sources</i> , 2005, 145, 231-236.	7.8	48
35	Inhibition effect of cerium in hybrid sol-gel films on aluminium alloy AA2024. <i>Surface and Interface Analysis</i> , 2010, 42, 299-305.	1.8	48
36	Effects of Tm ³⁺ Additions on the Crystallization of LaF ₃ Nanocrystals in Oxyfluoride Glasses: Optical Characterization and Up-Conversion. <i>Journal of the American Ceramic Society</i> , 2013, 96, 447-457.	3.8	46

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37	Processing of transparent glass-ceramics by nanocrystallisation of LaF ₃ . Journal of the European Ceramic Society, 2009, 29, 2915-2920.	5.7	45
38	Sintering process of glasses in the system Na ₂ O-B ₂ O ₃ -SiO ₂ . Journal of Non-Crystalline Solids, 2002, 306, 58-69.	3.1	43
39	Thick Sol-Gel Coatings Produced by Electrophoretic Deposition. Advanced Materials, 2002, 14, 505-508.	21.0	43
40	Hybrid sol-gel coatings based on GPTMS/TEOS containing colloidal SiO ₂ and cerium nitrate for increasing corrosion protection of aluminium alloy 7075-T6. Journal of Sol-Gel Science and Technology, 2018, 85, 546-557.	2.4	43
41	Effect of the heat treatment on the spectroscopic properties of Er ³⁺ -Yb ³⁺ -doped transparent oxyfluoride nano-glass-ceramics. Journal of Luminescence, 2018, 193, 51-60.	3.1	42
42	Transparent Glass-Ceramics Produced by Sol-Gel: A Suitable Alternative for Photonic Materials. Materials, 2018, 11, 212.	2.9	42
43	Hybrid Organic/Inorganic Sol-Gel Materials for Proton Conducting Membranes. Journal of Sol-Gel Science and Technology, 2004, 31, 103-107.	2.4	41
44	Silica-Zirconia Sol-Gel Coatings Obtained by Different Synthesis Routes. Journal of Sol-Gel Science and Technology, 2005, 35, 41-50.	2.4	41
45	Protective hybrid sol-gel coatings containing bioactive particles on surgical grade stainless steel: Surface characterization. Applied Surface Science, 2007, 253, 7260-7264.	6.1	41
46	Sulfonic acid-functionalized hybrid organic-inorganic proton exchange membranes synthesized by sol-gel using 3-mercaptopropyl trimethoxysilane (MPTMS). Journal of Power Sources, 2015, 297, 208-216.	7.8	40
47	Title is missing!. Journal of Sol-Gel Science and Technology, 1998, 13, 717-722.	2.4	39
48	Thermal Evolution of Hybrid Sol-Gel Silica Coatings: A Structural Analysis. Journal of Sol-Gel Science and Technology, 2000, 19, 393-397.	2.4	39
49	Hybrid Sol-Gel Coatings Produced from TEOS and Î ³ -MPS. Journal of Sol-Gel Science and Technology, 2003, 28, 81-86.	2.4	39
50	Distribution of thulium in Tm ³⁺ -doped oxyfluoride glasses and glass-ceramics. CrystEngComm, 2013, 15, 6979.	2.6	39
51	Selective excitation in transparent oxyfluoride glass-ceramics doped with Nd ³⁺ . Journal of the European Ceramic Society, 2017, 37, 1695-1706.	5.7	37
52	Bioactive Sol-Gel Coatings for Orthopaedic Prosthesis. Journal of Sol-Gel Science and Technology, 2000, 19, 107-111.	2.4	36
53	Corrosion protection of aluminium alloy AA2024 with cerium doped methacrylate-silica coatings. Journal of Sol-Gel Science and Technology, 2009, 52, 31-40.	2.4	36
54	Influence of cerium concentration on the structure and properties of silica-methacrylate sol-gel coatings. Journal of Sol-Gel Science and Technology, 2010, 54, 301-311.	2.4	36

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55	KLaF4 nanocrystallisation in oxyfluoride glass-ceramics. CrystEngComm, 2013, 15, 10323.	2.6	36
56	Transport properties of sealants for high-temperature electrochemical applications: RO ₂ BaO ₂ SiO ₂ (R=Mg, Zn) glass-ceramics. Journal of the European Ceramic Society, 2006, 26, 3315-3324.	5.7	35
57	Crystallization and up-conversion luminescence properties of Er ³⁺ /Yb ³⁺ -doped NaYF ₄ -based nano-glass-ceramics. Journal of the European Ceramic Society, 2015, 35, 1831-1840.	5.7	35
58	Non-isothermal sinter-crystallization of jagged Li ₂ O-Al ₂ O ₃ -SiO ₂ glass and simulation using a modified form of the Clusters model. Journal of Non-Crystalline Solids, 2012, 358, 3234-3242.	3.1	33
59	Electrochemical behaviour of silica basic hybrid coatings deposited on stainless steel by dipping and EPD. Electrochimica Acta, 2008, 53, 6008-6017.	5.2	32
60	Photocatalytic and biocidal activities of novel coating systems of mesoporous and dense TiO ₂ -anatase containing silver nanoparticles. Materials Science and Engineering C, 2014, 43, 630-640.	7.3	32
61	Glass-ceramic seals in the system MgO BaO B ₂ O ₃ SiO ₂ operating under simulated SOFC conditions. International Journal of Hydrogen Energy, 2016, 41, 15335-15345.	7.1	32
62	Glass-like CexOy sol-gel coatings for corrosion protection of aluminium and magnesium alloys. Surface and Coatings Technology, 2011, 206, 257-264.	4.8	31
63	Silica Sol-Gel Coatings on Metals Produced by EPD. Journal of Sol-Gel Science and Technology, 2003, 26, 735-739.	2.4	30
64	Hybrid organic-inorganic nanostructured membranes for high temperature proton exchange membranes fuel cells (PEMFC). Journal of Sol-Gel Science and Technology, 2006, 40, 309-315.	2.4	29
65	Solutions of hybrid silica microgels as precursors of sol-gel coatings. Journal of Materials Chemistry, 2006, 16, 3318-3325.	6.7	28
66	Electrochemical characterization of AISI 316L stainless steel in contact with simulated body fluid under infection conditions. Journal of Materials Science: Materials in Medicine, 2008, 19, 2137-2144.	3.6	28
67	Enhanced photocatalytic activity of mesoporous SiO ₂ /TiO ₂ sol-gel coatings doped with Ag nanoparticles. Journal of Sol-Gel Science and Technology, 2015, 76, 180-194.	2.4	28
68	Crystallization mechanism in sol-gel oxyfluoride glass-ceramics. Journal of Non-Crystalline Solids, 2018, 501, 145-152.	3.1	28
69	Electrochemical Characterization of Polymeric Coatings for Corrosion Protection: A Review of Advances and Perspectives. Polymers, 2022, 14, 2306.	4.5	28
70	Control of degradation rate of Mg alloys using silica sol-gel coatings for biodegradable implant materials. Journal of Sol-Gel Science and Technology, 2019, 90, 198-208.	2.4	27
71	Electrochemical evaluation of multilayer silica-metacrylate hybrid sol-gel coatings containing bioactive particles on surgical grade stainless steel. Surface and Coatings Technology, 2008, 203, 80-86.	4.8	26
72	Analysis of the distribution of Tm ³⁺ ions in LaF ₃ containing transparent glass-ceramics through X-ray absorption spectroscopy. Journal of Non-Crystalline Solids, 2014, 384, 83-87.	3.1	26

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73	Transparent oxyfluoride glass-ceramics with NaGdF ₄ nanocrystals doped with Pr ³⁺ and Pr ³⁺ -Yb ³⁺ . Journal of Luminescence, 2018, 193, 61-69.	3.1	26
74	Sintering behaviour of composite materials borosilicate glass-ZrO ₂ fibre composite materials. Journal of the European Ceramic Society, 2002, 22, 1513-1524.	5.7	25
75	Thick sol-gel coatings based on the B ₂ O ₃ -SiO ₂ system. Journal of Non-Crystalline Solids, 1997, 218, 146-150.	3.1	24
76	Transparent SiO ₂ -GdF ₃ sol-gel nano-glass ceramics for optical applications. Journal of Sol-Gel Science and Technology, 2019, 89, 322-332.	2.4	24
77	Glass-like cerium sol-gel coatings on AZ31B magnesium alloy for controlling the biodegradation of temporary implants. Surface and Coatings Technology, 2016, 307, 574-582.	4.8	23
78	Hybrid silica sol-gel coatings on Austempered Ductile Iron (ADI). Materials Letters, 2005, 59, 2219-2222.	2.6	22
79	Proton Conducting Organic/Inorganic Sol-Gel Membranes Produced from Phenyltriethoxysilane and 3-Methacryloxypropyl Trimethoxysilane. Journal of Sol-Gel Science and Technology, 2005, 34, 233-239.	2.4	22
80	Model for Sintering Devitrifying Glass Particles with Embedded Rigid Fibers. Journal of the American Ceramic Society, 2005, 88, 1427-1434.	3.8	21
81	Transparent Sol-Gel Oxyfluoride Glass-Ceramics with High Crystalline Fraction and Study of RE Incorporation. Nanomaterials, 2019, 9, 530.	4.1	21
82	Oxyfluoride glass-ceramic fibers doped with Nd ³⁺ : structural and optical characterization. CrystEngComm, 2017, 19, 6620-6629.	2.6	20
83	Transparent Oxyfluoride Nano-Glass Ceramics Doped with Pr ³⁺ and Pr ³⁺ -Yb ³⁺ for NIR Emission. Frontiers in Materials, 2017, 3, .	2.4	20
84	Transparent glass-ceramics of sodium lutetium fluoride co-doped with erbium and ytterbium. Journal of Non-Crystalline Solids, 2018, 501, 136-144.	3.1	20
85	Glass-Ceramics Processed by Spark Plasma Sintering (SPS) for Optical Applications. Applied Sciences (Switzerland), 2020, 10, 2791.	2.5	20
86	Processing and luminescence of Eu/Dy-doped Sr ₂ MgSi ₂ O ₇ glass-ceramics. Journal of the European Ceramic Society, 2021, 41, 811-822.	5.7	20
87	Synthesis of hybrid silica sol-gel coatings containing Zn particles on carbon steel and Al/Zn coated carbon steel. Materials Letters, 2005, 59, 3937-3940.	2.6	19
88	Epoxy-polystyrene-silica sol-gel membranes with high proton conductivity by combination of sulfonation and tungstophosphoric acid doping. Journal of Membrane Science, 2010, 361, 135-142.	8.2	19
89	Sol-gel coatings: An alternative route for producing planar optical waveguides. Thin Solid Films, 2011, 519, 7982-7986.	1.8	19
90	Optical Properties of Transparent Glass-Ceramics Containing Er ³⁺ -Doped Sodium Lutetium Fluoride Nanocrystals. International Journal of Applied Glass Science, 2016, 7, 27-40.	2.0	19

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91	Sol-gel hybrid membranes loaded with meso/macroporous SiO ₂ , TiO ₂ ·P ₂ O ₅ and SiO ₂ ·TiO ₂ ·P ₂ O ₅ materials with high proton conductivity. <i>Materials Chemistry and Physics</i> , 2015, 149-150, 686-694.	4.0	18
92	Mechanical behavior of glass reinforced with SiO ₂ hybrid sol-gel coatings. <i>Journal of Non-Crystalline Solids</i> , 2004, 348, 172-179.	3.1	17
93	Phase evolution of KLaF ₄ nanocrystals and their effects on the photoluminescence of Nd ³⁺ doped transparent oxyfluoride glass-ceramics. <i>CrystEngComm</i> , 2018, 20, 5760-5771.	2.6	17
94	Tunable upconversion emission in NaLuF ₄ glass-ceramic fibers doped with Er ³⁺ and Yb ³⁺ . <i>RSC Advances</i> , 2019, 9, 31699-31707.	3.6	17
95	Proton conducting sol-gel sulfonated membranes produced from 2-allylphenol, 3-glycidoxypropyl trimethoxysilane and tetraethyl orthosilicate. <i>Journal of Power Sources</i> , 2009, 192, 138-143.	7.8	16
96	Novel sol-gel SiO ₂ -NaGdF ₄ transparent nano-glass-ceramics. <i>Journal of Non-Crystalline Solids</i> , 2019, 520, 119447.	3.1	15
97	Synthesis and characterization of proton-conducting sol-gel membranes produced from 1,4-bis(triethoxysilyl)benzene and (3-glycidoxypropyl)trimethoxysilane. <i>Journal of Power Sources</i> , 2005, 151, 57-62.	7.8	14
98	Effect of rheology and processing parameters on the EPD coatings of basic sol-gel particulate sol. <i>Journal of Materials Science</i> , 2004, 39, 845-849.	3.7	13
99	Crystallization and optical properties of Tm ³⁺ /Yb ³⁺ -co-doped KLaF ₄ glass-ceramics. <i>CrystEngComm</i> , 2017, 19, 967-974.	2.6	13
100	80SiO ₂ ·20LaF ₃ oxyfluoride glass ceramic coatings doped with Nd ³⁺ for optical applications. <i>International Journal of Applied Glass Science</i> , 2018, 9, 208-217.	2.0	13
101	Silica-Zirconia Coatings Produced by Dipping and EPD from Colloidal Sol-Gel Suspensions. <i>Journal of Sol-Gel Science and Technology</i> , 2005, 35, 51-55.	2.4	12
102	A new sol-gel route towards Nd ³⁺ -doped SiO ₂ ·LaF ₃ glass-ceramics for photonic applications. <i>Materials Advances</i> , 2020, 1, 3589-3596.	5.4	11
103	Hybrid Sol-Gel Silica Coatings Containing Graphene Nanosheets for Improving the Corrosion Protection of AA2024-T3. <i>Nanomaterials</i> , 2020, 10, 1050.	4.1	11
104	Structural and optical properties in Tm ³⁺ /Tm ³⁺ ·Yb ³⁺ doped NaLuF ₄ glass-ceramics. <i>International Journal of Applied Glass Science</i> , 2021, 12, 485-496.	2.0	11
105	Hybrid Epoxy-Alkyl Sol-Gel Coatings Reinforced with SiO ₂ Nanoparticles for Corrosion Protection of Anodized AZ31B Mg Alloy. <i>Gels</i> , 2022, 8, 242.	4.5	11
106	Electrophoretic Deposition (EPD) Coatings of Sol-Gel Solutions and Suspensions. <i>Journal of Sol-Gel Science and Technology</i> , 2002, 23, 187-189.	2.4	10
107	Transparent oxyfluoride glass-ceramics obtained by different sol-gel routes. <i>Journal of Sol-Gel Science and Technology</i> , 0, , 1.	2.4	10
108	Stability of Suspensions of Bioactive Particles Using Hybrid Organic-Inorganic Solutions as Dispersing Media. <i>Journal of Sol-Gel Science and Technology</i> , 2005, 34, 211-217.	2.4	9

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109	X-ray absorption spectroscopy and neutron-diffraction study of persistent luminescent Sr ₂ MgSi ₂ O ₇ glass-ceramics. <i>Acta Materialia</i> , 2021, 215, 117080.	7.9	9
110	Silicate-based persistent phosphors. <i>Open Ceramics</i> , 2021, 7, 100150.	2.0	9
111	Integrated corrosion-resistant system for AZ31B Mg alloy via plasma electrolytic oxidation (PEO) and sol-gel processes. <i>International Journal of Applied Glass Science</i> , 2021, 12, 519-530.	2.0	8
112	Silicon oxynitride glasses produced by ammonolysis from colloidal silica. <i>Journal of Non-Crystalline Solids</i> , 2004, 345-346, 647-652.	3.1	7
113	Hydrophobic and oleophobic sol-gel coatings on glass substrates for usage at high temperatures. <i>International Journal of Applied Glass Science</i> , 2018, 9, 413-420.	2.0	6
114	Non-Linear Optical Properties of Er ³⁺ +Yb ³⁺ -Doped NaGdF ₄ Nanostructured Glass-Ceramics. <i>Nanomaterials</i> , 2020, 10, 1425.	4.1	6
115	Crystallization Process and Site-Selective Excitation of Nd ³⁺ in LaF ₃ /NaLaF ₄ Sol-Gel-Synthesized Transparent Glass-Ceramics. <i>Crystals</i> , 2021, 11, 464.	2.2	6
116	Repair and Restoration of the Optical Properties of Sandblasted Glasses By Silica-Based Sol-Gel Coatings. <i>International Journal of Applied Glass Science</i> , 2015, 6, 94-102.	2.0	5
117	Structure and fluorescence properties of Dy-doped alkaline-earth borophosphate glasses. <i>International Journal of Applied Glass Science</i> , 2021, 12, 472-484.	2.0	5
118	KLaF ₄ :Nd ³⁺ -doped transparent glass-ceramics processed by spark plasma sintering. <i>Journal of Non-Crystalline Solids</i> , 2022, 578, 121289.	3.1	5
119	Sintering of glasses in the system RO ₂ Al ₂ O ₃ ?BaO?SiO ₂ (R=Ca, Mg, Zn) studied by hot-stage microscopy. <i>Solid State Ionics</i> , 2004, 170, 201-201.	2.7	4
120	Effect of dopant precursors on the optical properties of rare earths doped oxyfluoride glass-ceramics. <i>Journal of the American Ceramic Society</i> , 2020, 103, 3930-3941.	3.8	4
121	Hybrid SiO ₂ -ZrO ₂ coatings for restoring and repairing glasses damaged by sandblasting. <i>Ceramics International</i> , 2020, 46, 10634-10640.	4.8	4
122	Nd ³⁺ -doped- SiO ₂ -KLaF ₄ oxyfluoride glass-ceramics prepared by sol-gel. <i>Journal of Luminescence</i> , 2021, 235, 118035.	3.1	4
123	Improving corrosion protection of Mg alloys (AZ31B) using graphene-based hybrid coatings. <i>International Journal of Applied Glass Science</i> , 0, , .	2.0	4
124	Membranas híbridas basadas en estireno-metacrilato-silice y ácido fosfowolfrámico obtenidas por sol-gel para pilas de combustible de intercambio protónico (PEMFC). <i>Boletín De La Sociedad Española De Cerámica Y Vidrio</i> , 2007, 46, 267-272.	1.9	4
125	Role of Eu ²⁺ and Dy ³⁺ Concentration in the Persistent Luminescence of Sr ₂ MgSi ₂ O ₇ Glass-Ceramics. <i>Materials</i> , 2022, 15, 3068.	2.9	4
126	Sol-Gel Protective Coatings for Metals. , 2018, , 2369-2433.		3

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127	Glasses and Glass-Ceramics Prepared by Sol-Gel. , 2021, , 695-708.		2
128	Family and reintegration process in the Colombian armed conflict: state of the art 2000-2018. Quadernos De Psicologia, 2020, 22, 1501.	0.2	2
129	Chapter 16 Performance of Nd ³⁺ As Structural Probe of Rare-Earth Distribution in Transparent Nanostructured Glass-Ceramics. NATO Science for Peace and Security Series B: Physics and Biophysics, 2018, , 297-313.	0.3	1
130	Sol-Gel Protective Coatings for Metals. , 2016, , 1-65.		1
131	Tunable upconversion emission in NaLuF ₄ -glass-ceramic fibers doped with Er ³⁺ and Yb ³⁺ . , 2020, , .		1
132	Resistencia al desgaste de recubrimientos sol-gel de SiO ₂ y SiO ₂ - ZrO ₂ sobre materiales vitrocerámicos obtenidos por sinterización. Boletín De La Sociedad Española De Cerámica Y Vidrio, 2013, 52, 225-230.	1.9	1
133	Lanthanide-doped oxyfluoride transparent glass-ceramics prepared by sol-gel. , 2020, , 227-252.		1
134	The Role of Silane Sol-Gel Coatings on the Corrosion Protection of Magnesium Alloys. , 0, , .		1
135	Development of photocatalysts based on TiO ₂ films with embedded Ag nanoparticles. International Journal of Applied Glass Science, 2022, 13, 429-443.	2.0	1
136	Structure and luminescent properties of Sm/Dy-doped Sr ₂ MgSi ₂ O ₇ glass-ceramics. International Journal of Applied Glass Science, 2023, 14, 140-154.	2.0	1
137	KLaF ₄ :Nd ³⁺ Emission in Transparent Glass-Ceramics. , 2020, , .		0
138	Editorial special issue women in glass. International Journal of Applied Glass Science, 2020, 11, 383-384.	2.0	0
139	International Journal of Applied Glass Science: Special Issue Editorial. International Journal of Applied Glass Science, 2021, 12, 459-461.	2.0	0
140	Factores que facilitan y dificultan los procesos de reintegración de excombatientes y sus familias. Universitas Psychologica, 0, 19, 1-17.	0.6	0
141	Phase-dependent emission of KLaF ₄ :Nd ³⁺ nanocrystals in oxyfluoride glass-ceramics. , 2019, , .		0
142	Estructuras, dinámicas y configuraciones familiares en el proceso de reintegración en Colombia. Revista Latinoamericana Estudios De La Paz Y El Conflicto, 2021, 2, 98-113.	0.1	0