

Eduardo JosÃ© Nassar

List of Publications by Year in descending order

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123
papers

2,269
citations

236925

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302126

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docs citations

123
times ranked

2337
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#	ARTICLE	IF	CITATIONS
1	Antitumor activity of solamargine in mouse melanoma model: relevance to clinical safety. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2022, 85, 131-142.	2.3	7
2	Silver nanoparticle incorporation into flexible polyamide 12 membranes. <i>Journal of Sol-Gel Science and Technology</i> , 2022, 102, 219-228.	2.4	6
3	Luminescence properties of neodymium, samarium, and europium niobate and tantalate thin films. <i>Luminescence</i> , 2022, 37, 642-655.	2.9	1
4	NIR Luminescence Enhancement of YVO ₄ :Nd Phosphor for Biological Application. <i>Journal of Fluorescence</i> , 2021, 31, 209-217.	2.5	5
5	Preparation and characterization of isostructural lanthanide Eu/Gd/Tb metal-organic framework thin films for luminescent applications. <i>Applied Surface Science</i> , 2021, 542, 148731.	6.1	17
6	Incorporation of indomethacin into a mesoporous silica nanoparticle enhances the anti-inflammatory effect Indomethacin into a mesoporous silica. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 157, 105601.	4.0	5
7	TiO ₂ films obtained by the sol-gel process and doped with Yb ³⁺ and Er ³⁺ ions. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 97, 548-555.	2.4	2
8	(β)-Hinokinin antimicrobial agents into functionalized mesoporous silica. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 98, 342-350.	2.4	0
9	Glass slides or solar cells. Which are better to improve solar energy efficiency?. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 15151.	2.2	1
10	Grafting of L-proline and L-phenylalanine amino acids on kaolinite through synthesis catalyzed by boric acid. <i>Applied Surface Science Advances</i> , 2021, 4, 100081.	6.8	0
11	Hydroxyapatite incorporation into polyamide membrane. <i>Materials Chemistry and Physics</i> , 2021, 271, 124877.	4.0	2
12	Non-hydrolytic sol-gel synthesis of mesoporous iron-aluminum oxide and their properties in the oxidation of hydrocarbons by hydrogen peroxide. <i>Microporous and Mesoporous Materials</i> , 2021, 325, 111317.	4.4	3
13	Nanostructure and Luminescent Properties of Bimetallic Lanthanide Eu/Gd, Tb/Gd and Eu/Tb Coordination Polymers. <i>Inorganics</i> , 2021, 9, 77.	2.7	5
14	XPS characterization and luminescent properties of GdNbO ₄ and GdTao ₄ thin films. <i>Applied Surface Science</i> , 2020, 504, 144358.	6.1	33
15	Niobium oxide doped with Tm ³⁺ and Gd ³⁺ ions for multimodal imaging in biology. <i>Journal of Sol-Gel Science and Technology</i> , 2020, 93, 546-553.	2.4	1
16	Inorganic-organic hybrids based on sepiolite as efficient adsorbents of caffeine and glyphosate pollutants. <i>Applied Surface Science Advances</i> , 2020, 1, 100025.	6.8	12
17	Anti-Melanoma Activity of Indomethacin Incorporated into Mesoporous Silica Nanoparticles. <i>Pharmaceutical Research</i> , 2020, 37, 172.	3.5	14
18	Non-hydrolytic Sol-Gel Route: a Powerful Process to Develop UV-Vis-IR Luminescent YVO ₄ Phosphors. <i>Journal of Fluorescence</i> , 2020, 30, 827-837.	2.5	8

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19	Effect of ytterbium amount on LaNbO ₄ :Tm ³⁺ ,Yb ³⁺ nanoparticles for bio-labelling applications. <i>Advances in Medical Sciences</i> , 2020, 65, 324-331.	2.1	8
20	Multi-color emission from lanthanide ions doped into niobium oxide. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 5241-5252.	2.2	4
21	White and Red Brazilian São Simão's Kaolinite-TiO ₂ Nanocomposites as Catalysts for Toluene Photodegradation from Aqueous Solutions. <i>Materials</i> , 2019, 12, 3943.	2.9	9
22	Effect of silica coating on the catalytic activity of maghemite nanoparticles impregnated into mesoporous silica matrix. <i>Materials Chemistry and Physics</i> , 2019, 225, 145-152.	4.0	7
23	Catalytic activity of porphyrin-catalysts immobilized on kaolinite. <i>Applied Clay Science</i> , 2019, 168, 469-477.	5.2	14
24	Luminescent mesoporous films containing europium III complex. <i>Microporous and Mesoporous Materials</i> , 2019, 277, 179-183.	4.4	2
25	Aminoiron(III)-porphyrin-alumina catalyst obtained by non-hydrolytic sol-gel process for heterogeneous oxidation of hydrocarbons. <i>Molecular Catalysis</i> , 2019, 462, 114-125.	2.0	23
26	The preparation of benzyl esters using stoichiometric niobium (V) chloride versus niobium grafted SiO ₂ catalyst: A comparison study. <i>Heliyon</i> , 2018, 4, e00571.	3.2	1
27	Europium(III)-doped yttrium vanadate nanoparticles reduce the toxicity of cisplatin. <i>Journal of Inorganic Biochemistry</i> , 2018, 182, 9-17.	3.5	19
28	Photoinitiator and anesthetic incorporation into mesoporous silica. <i>Powder Technology</i> , 2018, 326, 62-68.	4.2	4
29	Incorporation of the chemotherapy medication cisplatin into polyamide membrane. <i>Journal of Inorganic Biochemistry</i> , 2018, 180, 171-178.	3.5	7
30	Manganese-doped titania matrix obtained by sol-gel process: Magnetic properties. <i>Microelectronic Engineering</i> , 2018, 196, 49-53.	2.4	1
31	Effect of gadolinium incorporation on the structure and luminescence properties of niobium-based materials. <i>Nanotechnology</i> , 2018, 29, 235204.	2.6	6
32	Cr ³⁺ Doped Al ₂ O ₃ Obtained by Non-Hydrolytic Sol-Gel Methodology. <i>Journal of the Brazilian Chemical Society</i> , 2018, , .	0.6	5
33	Adsorption-Based Synthesis of Environmentally Friendly Heterogeneous Chromium(III) Catalysts for Oxidation Reactions into Kaolinite, Saponite, and Their Amine-Modified Derivatives. <i>ACS Applied Nano Materials</i> , 2018, 1, 3867-3877.	5.0	6
34	Synthesis of Zeolite A from Metakaolin and Its Application in the Adsorption of Cationic Dyes. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 608.	2.5	41
35	Eu ³⁺ - and Tb ³⁺ -Dipicolinate Complexes Covalently Grafted into Kaolinite as Luminescence-Functionalized Clay Hybrid Materials. <i>Journal of Physical Chemistry C</i> , 2017, 121, 5081-5088.	3.1	13
36	Kaolinite-polymer compounds by grafting of 2-hydroxyethyl methacrylate and 3-(trimethoxysilyl)propyl methacrylate. <i>Applied Clay Science</i> , 2017, 146, 526-534.	5.2	14

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37	Electronic properties and metal-ligand bonding situation in Eu(III) complexes containing tris(pyrazolyl)borate and phenantroline ligands. <i>Journal of Luminescence</i> , 2017, 182, 137-145.	3.1	9
38	New strategies for synthesis and immobilization of metallophthalocyanines onto kaolinite: Preparation, characterization and chemical stability evaluation. <i>Dyes and Pigments</i> , 2016, 134, 41-50.	3.7	10
39	Influence of Bi ³⁺ ions on the excitation wavelength of the YVO ₄ :Eu ³⁺ matrix. <i>Optical Materials</i> , 2016, 62, 12-18.	3.6	14
40	Incorporation of anti-inflammatory agent into mesoporous silica. <i>Nanotechnology</i> , 2016, 27, 385103.	2.6	21
41	Yttrium aluminum garnet coating on glass substrate. <i>Journal of Luminescence</i> , 2016, 170, 686-691.	3.1	6
42	Nanospherical Silica as Luminescent Markers Obtained by Sol-Gel. <i>Journal of Fluorescence</i> , 2015, 25, 433-440.	2.5	9
43	Organically Modified Saponites: SAXS Study of Swelling and Application in Caffeine Removal. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 10853-10862.	8.0	58
44	Preparation of YVO ₄ :Eu ³⁺ at low temperature by the hydrolytic sol-gel methodology. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 73, 283-292.	2.4	10
45	Poly(L-lactic acid) membranes: Absence of genotoxic hazard and potential for drug delivery. <i>Toxicology Letters</i> , 2015, 232, 513-518.	0.8	23
46	Kaolinite-titanium oxide nanocomposites prepared via sol-gel as heterogeneous photocatalysts for dyes degradation. <i>Catalysis Today</i> , 2015, 246, 133-142.	4.4	61
47	Functionalization of luminescent YVO ₄ :Eu ³⁺ nanoparticles by sol-gel. <i>Journal of Luminescence</i> , 2015, 159, 93-99.	3.1	20
48	Sol-gel as methodology to obtain bioactive materials. <i>Anais Da Academia Brasileira De Ciencias</i> , 2014, 86, 27-36.	0.8	12
49	Solubility enhancement of ibuprofen using tri-ureasil-PPO hybrid: structural, cytotoxic, and drug release investigation. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 72, 627-636.	2.4	8
50	Immobilization of metallophthalocyanines on hybrid materials and in-situ synthesis of pseudo-tubular structures from an aminofunctionalized kaolinite. <i>Dyes and Pigments</i> , 2014, 100, 17-23.	3.7	10
51	Coating of polyamide 12 by sol-gel methodology. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 115, 1029-1035.	3.6	13
52	Versatile heterogeneous dipicolinate complexes grafted into kaolinite: Catalytic oxidation of hydrocarbons and degradation of dyes. <i>Catalysis Today</i> , 2014, 227, 105-115.	4.4	25
53	Aluminate matrix doped with Tm ³⁺ /Tb ³⁺ /Eu ³⁺ obtained by non-hydrolytic sol-gel route: White light emission. <i>Journal of Luminescence</i> , 2014, 146, 394-397.	3.1	18
54	Synthesis and photoluminescent properties of yttrium vanadate phosphor prepared by the non-hydrolytic sol-gel process. <i>Journal of Luminescence</i> , 2014, 147, 190-195.	3.1	22

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55	Tetracarboxyphenylporphyrin@Kaolinite Hybrid Materials as Efficient Catalysts and Antibacterial Agents. <i>Journal of Physical Chemistry C</i> , 2014, 118, 24562-24574.	3.1	23
56	Ureasil-Poly(ethylene oxide) Hybrid Matrix for Selective Adsorption and Separation of Dyes from Water. <i>Langmuir</i> , 2014, 30, 3857-3868.	3.5	42
57	Tri-ureasil gel as a multifunctional organic-inorganic hybrid matrix. <i>Polymer Chemistry</i> , 2013, 4, 1575-1582.	3.9	25
58	Optical properties of Eu-doped hybrid materials prepared from dimethyl and methyl alkoxides precursors. <i>Journal of Luminescence</i> , 2013, 134, 551-557.	3.1	6
59	pH Affects Sol-Gel Formation of Core-Shell Mesoporous Silica Coatings on Polyamide. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 779-784.	3.7	2
60	Ultraviolet sensors using a luminescent europium (III) complex on acrylonitrile butadiene styrene polymer. <i>Journal of Materials Research</i> , 2012, 27, 2088-2095.	2.6	8
61	Takovite-Aluminosilicate-Cr Materials Prepared by Adsorption of Cr ³⁺ from Industrial Effluents As Catalysts for Hydrocarbon Oxidation Reactions. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 2525-2533.	8.0	10
62	Preparation and characterization of silicate nanofilms doped with europium ² -diketonate complexes. <i>Thin Solid Films</i> , 2012, 520, 6541-6546.	1.8	5
63	Synthesis of indium tin oxide nanoparticles by a nonhydrolytic sol-gel method. <i>Quimica Nova</i> , 2012, 35, 473-476.	0.3	11
64	Effect of calcium phosphate coating on polyamide substrate for biomaterial applications. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 810-817.	0.6	8
65	Aproveitamento da glicerina proveniente da produĂo de biodiesel na obtenĂo de hĂbrido de caulinita para adsorĂo de Cr ³⁺ . <i>Quimica Nova</i> , 2012, 35, 1407-1411.	0.3	4
66	Preparation of composites of laponite with alginate and alginic acid polysaccharides. <i>Polymer International</i> , 2012, 61, 1170-1176.	3.1	16
67	Influence of Catalyses on the Preparation of YVO ₄ :Eu ³⁺ Phosphors by the Sol-gel Methodology. <i>Journal of Fluorescence</i> , 2012, 22, 899-906.	2.5	25
68	Green and selective oxidation reactions catalyzed by kaolinite covalently grafted with Fe(III) pyridine-carboxylate complexes. <i>Catalysis Today</i> , 2012, 187, 135-149.	4.4	50
69	New Highly Luminescent Hybrid Materials: Terbium Pyridine-Picolinate Covalently Grafted on Kaolinite. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 1311-1318.	8.0	65
70	Influence of the hydrolysis and condensation time on the preparation of hybrid materials. <i>Materials Research</i> , 2011, 14, 1-6.	1.3	23
71	Estudo das condiĂes de estocagem do bagaĂo de cana-de-aĂar por anĂlise tĂrmica. <i>Quimica Nova</i> , 2011, 34, 507-511.	0.3	30
72	Synthesis and luminescent properties of gadolinium aluminates phosphors. <i>Inorganica Chimica Acta</i> , 2011, 375, 63-69.	2.4	14

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73	Materiais híbridos orgânico-inorgânicos (ormosil) obtidos por sol-gel com potencial uso como filtro solar. <i>Quimica Nova</i> , 2011, 34, 945-949.	0.3	5
74	Iron-alumina materials prepared by the non-hydrolytic sol-gel route: Synthesis, characterization and application in hydrocarbons oxidation using hydrogen peroxide as oxidant. <i>Applied Catalysis A: General</i> , 2010, 389, 147-154.	4.3	25
75	New synthesis strategies for effective functionalization of kaolinite and saponite with silylating agents. <i>Journal of Colloid and Interface Science</i> , 2010, 341, 186-193.	9.4	85
76	Red, green and blue (RGB) emission doped Y ₃ Al ₅ O ₁₂ (YAG) phosphors prepared by non-hydrolytic sol-gel route. <i>Journal of Luminescence</i> , 2010, 130, 488-493.	3.1	65
77	Incorporation of europium III complex into nanoparticles and films obtained by the Sol-Gel methodology. <i>Materials Research</i> , 2010, 13, 71-75.	1.3	11
78	Synthesis and biocompatibility of an experimental glass ionomer cement prepared by a non-hydrolytic sol-gel method. <i>Brazilian Dental Journal</i> , 2010, 21, 499-507.	1.1	8
79	Characterization of the calcium-fluoroaluminosilicate glass prepared by a non-hydrolytic sol-gel route for future dental application as glass ionomer cement. <i>Materials Research</i> , 2009, 12, 139-143.	1.3	9
80	Preparation, alumina-pillaring and oxidation catalytic performances of synthetic Ni-saponite. <i>Microporous and Mesoporous Materials</i> , 2009, 117, 309-316.	4.4	18
81	Preparation of a GdCaAl ₃ O ₇ matrix by the non-hydrolytic sol-gel route. <i>Journal of Luminescence</i> , 2009, 129, 1120-1124.	3.1	19
82	Hybrid materials prepared by interlayer functionalization of kaolinite with pyridine-carboxylic acids. <i>Journal of Colloid and Interface Science</i> , 2009, 335, 210-215.	9.4	52
83	Aluminosilicate obtained by sol-gel process as support for an anionic iron porphyrin: Development of a selective and reusable catalyst for oxidation reactions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009, 349, 162-169.	4.7	35
84	Porphyrin-Kaolinite as Efficient Catalyst for Oxidation Reactions. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 2667-2678.	8.0	71
85	Preparation of calcium fluoroaluminosilicate glasses containing sodium and phosphorus by the nonhydrolytic sol-gel method. <i>Journal of Alloys and Compounds</i> , 2009, 472, 299-306.	5.5	15
86	Synthesis of (h ⁺)-hinokinin by oxidation of (h ⁺)-cubebin catalyzed by biomimetic metalloporphyrin catalytic systems. <i>Catalysis Communications</i> , 2009, 10, 669-672.	3.3	10
87	Preparation and properties of europium-doped phosphosilicate glasses obtained by the sol-gel method. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 4806-4810.	3.1	25
88	Thermoanalysis of soybean oil extracted by two methods. <i>Quimica Nova</i> , 2008, 31, 527-529.	0.3	8
89	Fenilsilicato dopado com Eu III obtido pelo método sol-gel. <i>Quimica Nova</i> , 2007, 30, 1567-1572.	0.3	15
90	Sol-Gel TiO ₂ thin films sensitized with the mulberry pigment cyanidin. <i>Materials Research</i> , 2007, 10, 413-417.	1.3	31

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91	Microwave synthesis of YAG:Eu by sol-gel methodology. Journal of Luminescence, 2007, 126, 378-382.	3.1	51
92	Eu (III) as a probe in titania thin films: The effect of temperature. Materials Chemistry and Physics, 2007, 101, 238-241.	4.0	24
93	Spherical hybrid silica particles modified by methacrylate groups. Journal of Sol-Gel Science and Technology, 2007, 43, 21-26.	2.4	33
94	Nonhydrolytic sol-gel synthesis and characterization of YAG. Journal of Materials Science, 2007, 42, 2244-2249.	3.7	35
95	Two-dimensional low resolution raman spectroscopy applied to fast discrimination of clinically relevant microorganisms: a whole-organism fingerprinting approach. Journal of the Brazilian Chemical Society, 2006, 17, 73-78.	0.6	9
96	Preparation and characterization of spherical silica-porphyrin catalysts obtained by the sol-gel methodology. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2006, 275, 27-35.	4.7	65
97	Europium incorporated into titanium oxide by the sol-gel method. Materials Research, 2005, 8, 361-364.	1.3	13
98	Eu(III) incorporation in sol-gel aluminum-yttrium matrix by non-hydrolytic route. Journal of Luminescence, 2005, 111, 159-166.	3.1	34
99	Ãxido misto de Ãtrio-alumÃnio dopado com Eu(III). Quimica Nova, 2005, 28, 238-243.	0.3	13
100	Influence on deposition speed and stirring type in the obtantion of titania films. Materials Chemistry and Physics, 2004, 85, 245-250.	4.0	16
101	Encapsulation of Tetraazaannuleno Compounds in Matrix by Sol-Gel Process. Journal of Sol-Gel Science and Technology, 2003, 28, 57-64.	2.4	19
102	Nitro-Porphyrin Entrapped in a Silica Matrix by Sol-Gel Methodology. Journal of Sol-Gel Science and Technology, 2003, 26, 329-334.	2.4	9
103	Sol-gel entrapped cobalt complex. Materials Characterization, 2003, 50, 101-108.	4.4	16
104	Filmes de titÃnio-silÃcio preparados por "spin" e "dip-coating". Quimica Nova, 2003, 26, 674-677.	0.3	14
105	Europium incorporated in silica matrix obtained by sol-gel: luminescent materials. Materials Research, 2003, 6, 557-562.	1.3	39
106	Eu ³⁺ entrapped in alumina matrix obtained by hydrolytic and non-hydrolytic sol-gel routes. Journal of Non-Crystalline Solids, 2002, 304, 126-133.	3.1	23
107	Titania-based organic-inorganic hybrid planar waveguides. Journal of Alloys and Compounds, 2002, 344, 221-225.	5.5	42
108	InfluÃncia da catÃlise Ãcida e bÃsica na preparaÃÃo da sÃlica funcionalizada pelo mÃtodo sol-gel. Quimica Nova, 2002, 25, 27-31.	0.3	27

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109	Solid state reaction between europium III chloride and Y-zeolites. <i>Materials Chemistry and Physics</i> , 2002, 74, 19-22.	4.0	7
110	β -diketonates of Eu^{3+} , red phosphors, supported on sol-gel functionalised silica. <i>Materials Research</i> , 2001, 4, 18-22.	1.3	14
111	Examination of the Hydrotropic Effect of Sodium p-Toluenesulfonate on a Nonionic Surfactant (C 12) Tj ETQq1 1 0,784314 rgBT /Over	9.4	16
112	Propriedades fotofísicas de Eu^{3+} e Tb^{3+} imobilizados em sílica gel funcionalizada com beta-Dicetonas. <i>Quimica Nova</i> , 2000, 23, 16.	0.3	3
113	Use of polymeric resin in the formation of SiO_2 hybrid gels. <i>Journal of Non-Crystalline Solids</i> , 1999, 247, 114-119.	3.1	9
114	Synthesis and some properties of hybrid gels of titanium oxide containing europium (III). <i>Journal of Non-Crystalline Solids</i> , 1999, 247, 120-123.	3.1	12
115	Functionalized silica synthesized by sol-gel process. <i>Journal of Non-Crystalline Solids</i> , 1999, 247, 124-128.	3.1	43
116	Troca iônica no estado sólido de Eu^{3+} em zeólita Y: influência do tempo de reação. <i>Quimica Nova</i> , 1998, 21, 121.	0.3	10
117	Photophysical properties of Eu^{3+} supported on silica gel functionalized with propyl β -diketonates. <i>Journal of Alloys and Compounds</i> , 1997, 250, 380-382.	5.5	13
118	Luminescence study of the $[\text{Eu}(\text{bpy})_2]^{3+}$ supported on Y zeolite. <i>Journal of Luminescence</i> , 1997, 72-74, 532-534.	3.1	49
119	Photophysical properties of $\text{Ce}^{3+}:\text{Tb}^{3+}$ supported on silicas and zeolites. <i>Journal of Alloys and Compounds</i> , 1995, 225, 63-65.	5.5	24
120	A Spectroscopic Study of Eu^{3+} / Hexamethylphosphoramide (hmpa) with Hexafluorophosphate and Perchlorate anions. <i>Journal of the Brazilian Chemical Society</i> , 1995, 6, 235-241.	0.6	2
121	Organic complexes of Eu^{3+} supported in functionalized silica gel: highly luminescent material. <i>Journal of Alloys and Compounds</i> , 1994, 207-208, 454-456.	5.5	50
122	Kaolinite/ TiO_2 /cobalt(II) Tetracarboxymetallophthalocyanine Nanocomposites as Heterogeneous Photocatalysts for Decomposition of Organic Pollutants Trimethoprim, Caffeine and Prometryn. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	4
123	$\text{Er}^{3+}/\text{Yb}^{3+}$ -Doped GdVO_4 Obtained by the Non-Hydrolytic Sol-Gel Route and Potential Application as Up-Conversion Thermometer. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	2