VerÃ³nica de Zea Bermudez

List of Publications by Year
in descending order

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216	7,905	81900 39	58581 82
papers	citations	h-index	g-index

238	238	238	5965
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lanthanideâ€Containing Lightâ€Emitting Organicâ€“Inorganic Hybrids: A Bet on the Future. Advanced Materials, 2009, 21, 509-534.	21.0	850
2	Progress on lanthanide-based organicâ€“inorganic hybrid phosphors. Chemical Society Reviews, 2011, 40, 536-549.	38.1	527
3	Dye-sensitized solar cells: A safe bet for the future.. Energy and Environmental Science, 2008, 1, 655.	30.8	373
4	Full-Color Phosphors from Europium(III)-Based Organosilicates. Advanced Materials, 2000, 12, 594-598.	21.0	313
5	Solâ^'Gel Derived Urea Cross-Linked Organically Modified Silicates. 2. Blue-Light Emission. Chemistry of Materials, 1999, 11, 581-588.	6.7	254
6	White-Light Emission of Amine-Functionalized Organic/Inorganic Hybrids:â€‰ Emitting Centers and Recombination Mechanisms. Journal of Physical Chemistry B, 2004, 108, 14924-14932.	2.6	234
7	Solâ^'Gel Derived Urea Cross-Linked Organically Modified Silicates. 1. Room Temperature Mid-Infrared Spectra. Chemistry of Materials, 1999, 11, 569-580.	6.7	202
8	Energy-Transfer Mechanisms and Emission Quantum Yields In Eu3+-Based Siloxane-Poly(oxyethylene) Nanohybrids. Chemistry of Materials, 2001, 13, 2991-2998.	6.7	178
9	Highly Photostable Luminescent Poly(Îµ-caprolactone)siloxane Biohybrids Doped with Europium Complexes. Chemistry of Materials, 2007, 19, 3892-3901.	6.7	164
10	Luminescent solar concentrators: challenges for lanthanide-based organicâ€“inorganic hybrid materials. Journal of Materials Chemistry A, 2014, 2, 5580-5596.	10.3	150
11	Full-Color Phosphors from Amine-Functionalized Crosslinked Hybrids Lacking Metal Activator Ions. Advanced Functional Materials, 2001, 11, 111-115.	14.9	148
12	Fine-Tuning of the Chromaticity of the Emission Color of Organicâ€“Inorganic Hybrids Co-Doped with EuIII, TbIII, and TmIII. Advanced Functional Materials, 2002, 12, 819-823.	14.9	142
13	Optically Functional Di-Urethanesil Nanohybrids Containing Eu3+ Ions. Chemistry of Materials, 2004, 16, 2530-2543.	6.7	140
14	White light emission ofEu3+-based hybrid xerogels. Physical Review B, 1999, 60, 10042-10053.	3.2	117
15	Nanoscopic Photoluminescence Memory as a Fingerprint of Complexity in Self-Assembled Alkyl/Siloxane Hybrids. Advanced Materials, 2007, 19, 341-348.	21.0	101
16	Photoluminescence and Quantum Yields of Urea and Urethane Cross-Linked Nanohybrids Derived from Carboxylic Acid Solvolysis. Chemistry of Materials, 2004, 16, 1507-1516.	6.7	100
17	Chitosan membranes containing micro or nano-size bioactive glass particles: evolution of biomineralization followed by in situ dynamic mechanical analysis. Journal of the Mechanical Behavior of Biomedical Materials, 2013, 20, 173-183.	3.1	98
18	Bombyx moriSilk Fibers: An Outstanding Family of Materials. Macromolecular Materials and Engineering, 2015, 300, 1171-1198.	3.6	89

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19	Structureâ€“photoluminescence relationship in Eu(iii) Î²-diketonate-based organicâ€“inorganic hybrids. Influence of the synthesis method: carboxylic acid solvolysis versus conventional hydrolysis. Journal of Materials Chemistry, 2005, 15, 3117.	6.7	86
20	A novel class of luminescent polymers obtained by the solâ€“gel approach. Journal of Alloys and Compounds, 1998, 275-277, 21-26.	5.5	85
21	Coordination of Eu3+Ions in Siliceous Nanohybrids Containing Short Polyether Chains and Bridging Urea Cross-links. Journal of Physical Chemistry B, 2001, 105, 3378-3386.	2.6	83
22	Ionic Liquid Cation Size-Dependent Electromechanical Response of Ionic Liquid/Poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	3.1	72
23	Energy Transfer and Emission Quantum Yields of Organicâ~Inorganic Hybrids Lacking Metal Activator Centers. Journal of Physical Chemistry C, 2007, 111, 3275-3284.	3.1	70
24	Synthesis and characterization of novel urethane cross-linked ormolytes for solid-state lithium batteries. Solid State Ionics, 1999, 116, 197-209.	2.7	68
25	Enhanced emission from Eu(III) Î²-diketone complex combined with ether-type oxygen atoms of di-ureasil organicâ€“inorganic hybrids. Journal of Luminescence, 2003, 104, 93-101.	3.1	65
26	High-Performance Near-Infrared Luminescent Solar Concentrators. ACS Applied Materials & Interfaces, 2017, 9, 12540-12546.	8.0	64
27	Enhanced ionic conductivity in poly(vinylidene fluoride) electrospun separator membranes blended with different ionic liquids for lithium ion batteries. Journal of Colloid and Interface Science, 2021, 582, 376-386.	9.4	63
28	Sol-gel processing and structural study of europium-doped hybrid materials. Journal of Materials Chemistry, 1999, 9, 1735-1740.	6.7	61
29	Photoluminescence of Eu(iii)-doped lamellar bridged silsesquioxanes self-templated through a hydrogen bonding array. Journal of Materials Chemistry, 2008, 18, 4172.	6.7	61
30	Ligand-Assisted Rational Design and Supramolecular Tectonics toward Highly Luminescent Eu‹sup›3+‹/sup›-Containing Organicâ~Inorganic Hybrids. Chemistry of Materials, 2009, 21, 5099-5111.	6.7	58
31	Chemistry and physical properties of sulfamide and its derivatives: proton conducting materials. Journal of Materials Chemistry, 1997, 7, 1677-1692.	6.7	54
32	Planar and UV written channel optical waveguides prepared with siloxaneâ€“poly(oxyethylene)â€“zirconia organicâ€“inorganic hybrids. Structure and optical properties. Journal of Materials Chemistry, 2005, 15, 3937.	6.7	52
33	Local Structure and Near-Infrared Emission Features of Neodymium-Based Amine Functionalized Organic/Inorganic Hybrids. Journal of Physical Chemistry B, 2005, 109, 20093-20104.	2.6	52
34	Structural modelling of Eu3+-based siloxaneâ€“poly(oxyethylene) nanohybrids. Journal of Materials Chemistry, 2001, 11, 3249-3257.	6.7	50
35	Silk Fibroin Separators: A Step Toward Lithium-Ion Batteries with Enhanced Sustainability. ACS Applied Materials & Interfaces, 2018, 10, 5385-5394.	8.0	50
36	Improved response of ionic liquid-based bending actuators by tailored interaction with the polar fluorinated polymer matrix. Electrochimica Acta, 2019, 296, 598-607.	5.2	49

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37	Photopatternable Di-ureasilâˆ’Zirconium Oxocluster Organicâˆ’Inorganic Hybrids As Cost Effective Integrated Optical Substrates. Chemistry of Materials, 2008, 20, 3696-3705.	6.7	44
38	Multi-wavelength europium-based hybrid phosphors. Journal of Non-Crystalline Solids, 1999, 247, 203-208.	3.1	43
39	Structure and photoluminescent features of di-amide cross-linked alkyleneâ€“siloxane hybrids. Journal of Materials Chemistry, 2005, 15, 3876.	6.7	42
40	Di-ureasil xerogels containing lithium bis(trifluoromethanesulfonyl)imide for application in solid-state electrochromic devices. Electrochimica Acta, 2009, 54, 1002-1009.	5.2	41
41	Solâ€“gel derived nanocomposite hybrids for full colour displays. Journal of Luminescence, 2000, 87-89, 702-705.	3.1	39
42	Diurea Cross-Linked Poly(oxyethylene)/Siloxane Ormolytes for Lithium Batteries. Journal of the Electrochemical Society, 2005, 152, A429.	2.9	39
43	An interesting ligand for the preparation of luminescent plastics: The picrate ion. Journal of Chemical Physics, 2000, 112, 3293-3313.	3.0	38
44	Transparent Luminescent Solar Concentrators Using Ln3+-Based Ionosilicas Towards Photovoltaic Windows. Energies, 2019, 12, 451.	3.1	37
45	Eu3+-Assisted Short-Range Ordering of Photoluminescent Bridged Silsesquioxanes. Chemistry of Materials, 2010, 22, 3599-3609.	6.7	36
46	Self-Structuring of Lamellar Bridged Silsesquioxanes with Long Side Spacers. Journal of Physical Chemistry B, 2011, 115, 10877-10891.	2.6	36
47	Dual role of a di-urethanesil hybrid doped with europium Î²-diketonate complexes containing either waterligands or a bulky chelating ligand. Journal of Materials Chemistry, 2009, 19, 733-742.	6.7	35
48	Water-mediated structural tunability of an alkyl/siloxane hybrid: from amorphous material to lamellar structure or bilamellar superstructure. RSC Advances, 2012, 2, 2087.	3.6	35
49	Solar spectral conversion based on plastic films of lanthanide-doped ionosilicas for photovoltaics: Down-shifting layers and luminescent solar concentrators. Journal of Rare Earths, 2020, 38, 531-538.	4.8	35
50	Solvent-controlled morphology of lamellar silsesquioxanes: from platelets to microsponges. CrystEngComm, 2011, 13, 1410-1415.	2.6	34
51	Solâ€“gel-derived potassium-based di-ureasils for â€œsmart windowsâ€• Journal of Materials Chemistry, 2007, 17, 4239.	6.7	33
52	Thermal properties and ionic conductivities of lanthanide-based ormolytes. Electrochimica Acta, 2000, 45, 1467-1471.	5.2	32
53	Solâ€“gel preparation of a di-ureasil electrolyte doped with lithium perchlorate. Electrochimica Acta, 2006, 52, 1542-1548.	5.2	32
54	Photoluminescence and quantum yields of organic/inorganic hybrids prepared through formic acid solvolysis. Optical Materials, 2008, 30, 1058-1064.	3.6	32

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55	Boosting the Emission Quantum Yield of Urea Cross-Linked Tripodal Poly(oxypropylene)/Siloxane Hybrids Through the Variation of Catalyst Concentration. European Journal of Inorganic Chemistry, 2012, 2012, 5390-5395.	2.0	32
56	Ionic and conformational mobility in poly(vinylidene fluoride)/ionic liquid blends: Dielectric and electrical conductivity behavior. Polymer, 2018, 143, 164-172.	3.8	32
57	Di-ureasil ormolytes doped with Mg2+ ionsPart 1: Morphological, thermal and electrochemical properties. Solid State Ionics, 2005, 176, 1591-1599.	2.7	31
58	Preparation of Well-Dispersed Chitosan/Alginate Hollow Multilayered Microcapsules for Enhanced Cellular Internalization. Molecules, 2018, 23, 625.	3.8	31
59	Ionic environment and hydrogen bonding in di-ureasil ormolytes doped with lithium triflate. Journal of Molecular Structure, 2004, 702, 39-48.	3.6	30
60	Urethane cross-linked poly(oxyethylene)/siliceous nanohybrids doped with Eu3+ions : Part 2. Ionic association. Physical Chemistry Chemical Physics, 2004, 6, 649-658.	2.8	29
61	Sol-gel derived Li+-doped poly(Îµ-caprolactone)/siloxane biohybrid electrolytes. Journal of Solid State Electrochemistry, 2006, 10, 203-210.	2.5	29
62	Electrochromic devices incorporating biohybrid electrolytes doped with a lithium salt, an ionic liquid or a mixture of both. Electrochimica Acta, 2015, 161, 226-235.	5.2	29
63	Morphological and conductivity studies of di-ureasil xerogels containing lithium triflate. Electrochimica Acta, 2002, 47, 2421-2428.	5.2	28
64	Photoluminescent lamellar bilayer mono-alkyl-urethanesils. Journal of Sol-Gel Science and Technology, 2013, 65, 61-73.	2.4	28
65	Spectroscopic and structural studies of di-ureasils doped with lithium perchlorate. Electrochimica Acta, 2007, 53, 1466-1475.	5.2	27
66	Sustainable Dual-Mode Smart Windows for Energy-Efficient Buildings. ACS Applied Energy Materials, 2019, 2, 1951-1960.	5.1	27
67	Metalâ€“organic frameworks and zeolite materials as active fillers for lithium-ion battery solid polymer electrolytes. Materials Advances, 2021, 2, 3790-3805.	5.4	27
68	Gellan gumâ€”Ionic liquid membranes for electrochromic device application. Solid State Ionics, 2015, 274, 64-70.	2.7	26
69	Di-amidosils with tunable structure, morphology and emission quantum yield: the role of hydrogen bonding. Journal of Materials Chemistry C, 2015, 3, 6844-6861.	5.5	25
70	Urethane cross-linked poly(oxyethylene)/siliceous nanohybrids doped with Eu3+ions : Part 1. Coordinating ability of the host matrix. Physical Chemistry Chemical Physics, 2004, 6, 638-648.	2.8	24
71	Incorporation of the Eu(tta)3(H2O)2 complex into a co-condensed d-U(600)/d-U(900) matrix. Journal of Luminescence, 2008, 128, 205-212.	3.1	24
72	Li⁺- and Eu³⁺-Doped Poly(Îµ-caprolactone)/Siloxane Biohybrid Electrolytes for Electrochromic Devices. ACS Applied Materials & Interfaces, 2011, 3, 2953-2965.	8.0	24

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73	Samarium (III) triflate-doped chitosan electrolyte for solid state electrochromic devices. Electrochimica Acta, 2018, 267, 51-62.	5.2	24
74	An intra-Nd3+ visible to infrared conversion process in hybrid xerogels. Electrochimica Acta, 2000, 45, 1555-1560.	5.2	23
75	Evidence of random magnetic anisotropy in ferrihydrite nanoparticles based on analysis of statistical distributions. Physical Review B, 2008, 77, .	3.2	23
76	Lamellar mono-amidosil hybrids incorporating monomethinecyanine dyes. Journal of Materials Chemistry C, 2013, 1, 2290.	5.5	23
77	Ionic Liquid-Assisted Synthesis of Mesoporous Silk Fibroin/Silica Hybrids for Biomedical Applications. ACS Omega, 2018, 3, 10811-10822.	3.5	23
78	Structural characterization of solid trivalent metal dodecyl sulfates: from aqueous solution to lamellar superstructures. RSC Advances, 2013, 3, 1420-1433.	3.6	22
79	Gelatin_nZn(CF₃SO₃)₂ Polymer Electrolytes for Electrochromic Devices. Electroanalysis, 2013, 25, 1483-1490.	2.9	22
80	Nanostructuring of Bridged Organosilane Precursors with Pendant Alkyl Chains. European Journal of Inorganic Chemistry, 2015, 2015, 1218-1225.	2.0	22
81	Threeâ€Mode Modulation Electrochromic Device with High Energy Efficiency for Windows of Buildings Located in Continental Climatic Regions. Advanced Sustainable Systems, 2019, 3, 1800115.	5.3	22
82	How To Learn and Have Fun with Poly(Vinyl Alcohol) and White Glue. Journal of Chemical Education, 1998, 75, 1410.	2.3	21
83	Luminescent urea cross-linked tripodal siloxane-based hybrids. Journal of Sol-Gel Science and Technology, 2013, 65, 83-92.	2.4	21
84	High-Performance Room Temperature Lithium-Ion Battery Solid Polymer Electrolytes Based on Poly(vinylidene fluoride-co-hexafluoropropylene) Combining Ionic Liquid and Zeolite. ACS Applied Materials & Interfaces, 2021, 13, 48889-48900.	8.0	21
85	Title is missing!. Journal of Sol-Gel Science and Technology, 2003, 26, 315-319.	2.4	20
86	Structuring of Alkylâ€Triazole Bridged Silsesquioxanes. ChemistrySelect, 2017, 2, 432-442.	1.5	20
87	Ecoâ€Friendly Red Seaweedâ€Derived Electrolytes for Electrochemical Devices. Advanced Sustainable Systems, 2017, 1, 1700070.	5.3	20
88	Magnetic ionic liquid/polymer composites: Tailoring physico-chemical properties by ionic liquid content and solvent evaporation temperature. Composites Part B: Engineering, 2019, 178, 107516.	12.0	20
89	Small-Angle X-ray Scattering Study of Gelation and Aging of Eu3+-Doped Solâ^'Gel-Derived Siloxaneâ^'Poly(oxyethylene) Nanocomposites. Journal of Physical Chemistry B, 2002, 106, 4377-4382.	2.6	19
90	Infrared and Raman spectroscopic investigation of Eu3+-doped mono and Di-urethanesil hybrid siliceous materials. Ionics, 2002, 8, 62-72.	2.4	19

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91	Ferrihydrite antiferromagnetic nanoparticles in a solâ€“gel derived organicâ€“inorganic matrix. Journal of Magnetism and Magnetic Materials, 2004, 272-276, 1549-1550.	2.3	19
92	Structure and properties of Ti4+-ureasil organic-inorganic hybrids. Journal of the Brazilian Chemical Society, 2006, 17, 443-452.	0.6	19
93	Structural and magnetic studies in ferrihydrite nanoparticles formed within organic-inorganic hybrid matrices. Journal of Applied Physics, 2006, 100, 054301.	2.5	19
94	Highly luminescent di-ureasil hybrid doped with a Eu(III) complex including dipicolinate ligands. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 205, 156-160.	3.9	19
95	Ionically conducting Er3+-doped DNA-based biomembranes for electrochromic devices. Electrochimica Acta, 2014, 120, 327-333.	5.2	19
96	K+-doped poly(Îµ-caprolactone)/siloxane biohybrid electrolytes for electrochromic devices. Solid State Ionics, 2011, 204-205, 129-139.	2.7	18
97	Fractality and metastability of a complex amide cross-linked dipodal alkyl/siloxane hybrid. RSC Advances, 2014, 4, 59664-59675.	3.6	18
98	Green Li+- and Er3+-doped poly(Îµ-caprolactone)/siloxane biohybrid electrolytes for smart electrochromic windows. Solar Energy Materials and Solar Cells, 2014, 123, 203-210.	6.2	18
99	Smart Windows Prepared from Bombyx mori Silk. ChemElectroChem, 2016, 3, 1084-1097.	3.4	18
100	Silk Fibroin Dissolution in Tetrabutylammonium Hydroxide Aqueous Solution. Biomacromolecules, 2019, 20, 4107-4116.	5.4	18
101	Proton-vacancy conducting polymers based on polyethylene oxide and sulfamide-type salts. Electrochimica Acta, 1992, 37, 1603-1609.	5.2	17
102	Magnetic properties of Fe-doped organicâ€“inorganic nanohybrids. Journal of Applied Physics, 2003, 93, 6978-6980.	2.5	17
103	Matrix assisted formation of ferrihydrite nanoparticles in a siloxane/poly(oxyethylene) nanohybrid. Journal of Materials Chemistry, 2005, 15, 484.	6.7	17
104	Mg2+-doped poly(É›-caprolactone)/siloxane biohybrids. Electrochimica Acta, 2010, 55, 1328-1332.	5.2	17
105	Lamellar mono-amidosil hybrids doped with Rhodamine (B) methyl ester perchlorate. Journal of Sol-Gel Science and Technology, 2014, 72, 239-251.	2.4	17
106	Molecular relaxation and ionic conductivity of ionic liquids confined in a poly(vinylidene fluoride) polymer matrix: Influence of anion and cation type. Polymer, 2019, 171, 58-69.	3.8	17
107	Fabrication of low-cost thermo-optic variable wave plate based on waveguides patterned on di-ureasil hybrids. Optics Express, 2014, 22, 27159.	3.4	16
108	Effect of the alkyl chain length of the ionic liquid anion on polymer electrolytes properties. Electrochimica Acta, 2015, 184, 171-178.	5.2	16

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109	Luminescent Electrochromic Devices for Smart Windows of Energy-Efficient Buildings. Energies, 2018, 11, 3513.	3.1	16
110	Magnetic probing of tunable Eu/sup 3+/ local site in organic-inorganic nanohybrids. IEEE Transactions on Magnetics, 2001, 37, 2935-2937.	2.1	15
111	Eu3+Coordination in an Organic/Inorganic Hybrid Matrix with Methyl End-Capped Short Polyether Chains. Journal of Physical Chemistry B, 2005, 109, 7110-7119.	2.6	15
112	Electro-optical properties of the DNA-Eu3+ bio-membranes. Journal of Electroanalytical Chemistry, 2013, 708, 116-123.	3.8	15
113	Bombyx mori Silkworm Cocoon Separators for Lithiumâ€Ion Batteries with Superior Safety and Sustainability. Advanced Sustainable Systems, 2018, 2, 1800098.	5.3	15
114	Excitation energy dependence of luminescent sol-gel organically modified silicates. Thin Solid Films, 1999, 343-344, 476-480.	1.8	14
115	Solâ€“gel-derived POE/siliceous hybrids doped with Na+ ions: morphology and ionic conductivity. Solid State Ionics, 2003, 156, 85-93.	2.7	14
116	Study of solâ€“gel derived di-ureasils doped with zinc triflate. Solid State Sciences, 2006, 8, 1484-1491.	3.2	14
117	Cationic and anionic environments in LiTFSI-doped di-ureasils with application in solid-state electrochromic devices. Chemical Physics, 2008, 345, 32-40.	1.9	14
118	Cation coordination in mono-urethanesil hybrids doped with sodium triflate. Electrochimica Acta, 2003, 48, 1977-1989.	5.2	13
119	Vibrational spectra and microstructure of poly(Îµ-caprolactone)/siloxane biohybrids doped with lithium triflate. Journal of Molecular Structure, 2008, 879, 72-80.	3.6	13
120	Structure, thermal properties, conductivity and electrochemical stability of di-urethanesil hybrids doped with LiCF3SO3. Ionics, 2010, 16, 193-201.	2.4	13
121	Ionic-Liquid-Assisted Morphology Tuning of Calcium Carbonate in Ethanolic Solution. European Journal of Inorganic Chemistry, 2012, 2012, 2183-2192.	2.0	13
122	Nonâ€Newtonian Thermosensitive Nanofluid Based on Carbon Dots Functionalized with Ionic Liquids. Small, 2020, 16, e1907661.	10.0	13
123	Local coordination of Eu(III) in organic/inorganic amine functionalized hybrids. Journal of Alloys and Compounds, 2004, 374, 50-55.	5.5	12
124	Infrared and Raman spectroscopic study of polyether solutions of sulphamide Part I: Tetraethyleneglycol dimethyl ether and water. Journal of Molecular Structure, 1993, 301, 7-19.	3.6	11
125	An investigation of the morphological, electrical and optoelectronic properties of short chain Di-ureasils doped with Er3+ ions. Ionics, 2002, 8, 73-78.	2.4	11
126	Ion solvation and hydrogen bonding in Eu3+-doped mono-urethanesil hybrids carrying pendant short polyether chains. Journal of Molecular Structure, 2002, 611, 83-93.	3.6	11

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127	Effect of presence of an acid catalyst on structure and properties of iron-doped siloxane-polyoxyethylene nanocomposites prepared by solâ€“gel. Journal of Non-Crystalline Solids, 2004, 345-346, 585-590.	3.1	11
128	Polymer electrolyte based on DNA and N,N,N-trimethyl-N-(2-hydroxyethyl)ammonium bis(trifluoromethylsulfonyl)imide. Journal of Electroanalytical Chemistry, 2015, 748, 70-75.	3.8	11
129	Eco-friendly sol-gel derived sodium-based ormolytes for electrochromic devices. Electrochimica Acta, 2017, 232, 484-494.	5.2	11
130	Nanofluid Based on Glucoseâ€Đerived Carbon Dots Functionalized with [Bmim]Cl for the Next Generation of Smart Windows. Advanced Sustainable Systems, 2019, 3, 1900047.	5.3	11
131	Vibrational spectra, structure and phase transition in crystalline sulfamide. Journal of Molecular Structure, 1993, 297, 185-206.	3.6	10
132	Small-angle X-ray scattering and X-ray absorption near-edge structure study of iron-doped siloxane-polyoxyethylene nanocomposites. Journal of Applied Crystallography, 2003, 36, 405-409.	4.5	10
133	Structure of magnetic poly(oxyethylene)â€“siloxane nanohybrids doped with FeIIand FeIII. Journal of Applied Crystallography, 2003, 36, 961-966.	4.5	10
134	FT-IR and Raman spectroscopic study of di-urea cross-linked poly(oxyethylene)/siloxane ormolytes doped with Zn2+ ions. Vibrational Spectroscopy, 2006, 40, 278-288.	2.2	10
135	Europium complex-based thermochromic sensor for integration in plastic optical fibres. Optical Materials, 2012, 34, 1447-1450.	3.6	10
136	Luminescent DNA- and Agar-Based Membranes. Journal of Nanoscience and Nanotechnology, 2014, 14, 6685-6691.	0.9	10
137	Highly Conducting Bombyx mori Silk Fibroin-Based Electrolytes Incorporating Glycerol, Dimethyl Sulfoxide and [Bmim]PF₆. Journal of the Electrochemical Society, 2020, 167, 070551.	2.9	10
138	Title is missing!. Journal of Sol-Gel Science and Technology, 2003, 26, 375-381.	2.4	9
139	Di-ureasil ormolytes doped with Mg2+ ions: Part 2. Cationic and anionic environments. Solid State Ionics, 2005, 176, 1601-1611.	2.7	9
140	Optical material composed of a di-urethanesil host hybrid and a europium complex. Journal of Alloys and Compounds, 2008, 451, 201-205.	5.5	9
141	Luminescent Î²-Carrageenan-Based Electrolytes Containing Neodymium Triflate. Molecules, 2019, 24, 1020.	3.8	9
142	Advanced hybrid nanomaterials. Beilstein Journal of Nanotechnology, 2019, 10, 2563-2567.	2.8	9
143	Plasma-treated Bombyx mori cocoon separators for high-performance and sustainable lithium-ion batteries. Materials Today Sustainability, 2020, 9, 100041.	4.1	9
144	Coordination of Eu3+ in mono-urethane cross-linked hybrid xerogels. Ionics, 1999, 5, 251-260.	2.4	8

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145	Cationic and anionic environments in mono-urethanesil hybrids doped with magnesium triflate. Solid State Ionics, 2004, 166, 103-114.	2.7	8
146	Structure and photoluminescence of di-amidosil nanohybrids incorporating europium triflate. Journal of Alloys and Compounds, 2008, 451, 510-515.	5.5	8
147	Eu^{III}â€Doping of Lamellar Bilayer and Amorphous Monoâ€Amide Crossâ€Linked Alkyl/Siloxane Hybrids. European Journal of Inorganic Chemistry, 2010, 2010, 2688-2699.	2.0	8
148	Enhanced photoluminescence features of Eu3+-modified di-ureasil-zirconium oxocluster organicâ€“inorganic hybrids. Optical Materials, 2010, 32, 1587-1591.	3.6	8
149	Electrochromic Device Composed of a Di-Urethanesil Electrolyte Incorporating Lithium Triflate and 1-Butyl-3-Methylimidazolium Chloride. Frontiers in Materials, 2020, 7, .	2.4	8
150	Gellanâ€Gum and LiTFSIâ€Based Solid Polymer Electrolytes for Electrochromic Devices. ChemistrySelect, 2021, 6, 5110-5119.	1.5	8
151	Sulfamide complexes of polymethacrylates carrying oligopolyoxyethylene chains. Solid State Ionics, 1993, 61, 203-212.	2.7	7
152	Short chain U(600) di-urea cross-linked poly(oxyethylene)/siloxane ormolytes doped with lanthanum triflate salt. Electrochimica Acta, 2002, 47, 2551-2555.	5.2	7
153	Eu3+ doped polyphosphateâ€“aminosilane organicâ€“inorganic hybrids. Journal of Alloys and Compounds, 2004, 374, 74-78.	5.5	7
154	Local and nanoscopic structure of potassium triflate-doped siloxaneâ€“polyoxyethylene ormolytes. Journal of Non-Crystalline Solids, 2006, 352, 3457-3462.	3.1	7
155	Lanthanide-Containing 2,2â€²-Bipyridine Bridged Urea Cross-Linked Polysilsesquioxanes. Spectroscopy Letters, 2010, 43, 321-332.	1.0	7
156	Di-ureasil hybrids doped with LiBF4: Spectroscopic study of the ionic interactions and hydrogen bonding. Materials Chemistry and Physics, 2011, 129, 385-393.	4.0	7
157	Vibrational analysis of d-PCL(530)/siloxane-based hybrid electrolytes doped with two lithium salts. Ionics, 2013, 19, 1803-1809.	2.4	7
158	Novel Highly Luminescent Amine-Functionalized Bridged Silsesquioxanes. Frontiers in Chemistry, 2017, 5, 131.	3.6	7
159	Proton conducting electrolytes composed of chondroitin sulfate polysaccharide and citric acid. European Polymer Journal, 2020, 124, 109453.	5.4	7
160	Development of Poly(l-Lactic Acid)-Based Bending Actuators. Polymers, 2020, 12, 1187.	4.5	7
161	Proton-vacancy-conducting polymers based on anion-grafted ormosils synthesized via sol-gel process. , 1992, , .		6
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