

# Verónica de Zea Bermudez

## List of Publications by Year in descending order

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216  
papers

7,905  
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81900

39  
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58581

82  
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238  
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238  
docs citations

238  
times ranked

5965  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solar spectral management with electrochromic devices including PMMA films doped with biluminescent ionosilicas. Journal of Sol-Gel Science and Technology, 2022, 101, 58-70.	2.4	4
2	Luminescent Poly(vinylidene fluoride)â€Based Inks for Anticounterfeiting Applications. Advanced Photonics Research, 2022, 3, 2100151.	3.6	3
3	Biomimetic Silk Macroporous Materials for Drug Delivery Obtained via Ice-Templating. ACS Applied Bio Materials, 2022, 5, 2556-2566.	4.6	6
4	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
5	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
6	Sol-gel materials for smart electrochromic devices. , 2021, , 439-475.		3
7	The Surfaces of the <i>Ceratonia siliqua</i> L. (Carob) Leaflet: Insights from Physics and Chemistry. Langmuir, 2021, 37, 2011-2028.	3.5	6
8	Gellanâ€Gum and LiTFSIâ€Based Solid Polymer Electrolytes for Electrochromic Devices. ChemistrySelect, 2021, 6, 5110-5119.	1.5	8
9	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
10	Bioinspired <i>In Vitro</i> Brain Vasculature Model for Nanomedicine Testing Based on Decellularized Spinach Leaves. Nano Letters, 2021, 21, 9853-9861.	9.1	6
11	Proton conducting electrolytes composed of chondroitin sulfate polysaccharide and citric acid. European Polymer Journal, 2020, 124, 109453.	5.4	7
12	Nonâ€Newtonian Nanofluids: Nonâ€Newtonian Thermosensitive Nanofluid Based on Carbon Dots Functionalized with Ionic Liquids (Small 28/2020). Small, 2020, 16, 2070156.	10.0	3
13	Development of Poly(l-Lactic Acid)-Based Bending Actuators. Polymers, 2020, 12, 1187.	4.5	7
14	Plasma-treated Bombyx mori cocoon separators for high-performance and sustainable lithium-ion batteries. Materials Today Sustainability, 2020, 9, 100041.	4.1	9
15	Nonâ€Newtonian Thermosensitive Nanofluid Based on Carbon Dots Functionalized with Ionic Liquids. Small, 2020, 16, e1907661.	10.0	13
16	Highly Conducting Bombyx mori Silk Fibroin-Based Electrolytes Incorporating Glycerol, Dimethyl Sulfoxide and [Bmim]PF <sub>6</sub> . Journal of the Electrochemical Society, 2020, 167, 070551.	2.9	10
17	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
18	Di-urea cross-linked siloxane hybrid materials incorporating oligo(oxypropylene) and oligo(oxyethylene) chains. Journal of Sol-Gel Science and Technology, 2020, 95, 620-634.	2.4	2

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19	Nanofluid Based on Carbon Dots Functionalized with Ionic Liquids for Energy Applications. <i>Energies</i> , 2020, 13, 649.	3.1	5
20	Solar spectral conversion based on plastic films of lanthanide-doped ionosilicas for photovoltaics: Down-shifting layers and luminescent solar concentrators. <i>Journal of Rare Earths</i> , 2020, 38, 531-538.	4.8	35
21	Structuring of di-alkyl-urethanesils. <i>Journal of Sol-Gel Science and Technology</i> , 2019, 89, 205-215.	2.4	2
22	Magnetic ionic liquid/polymer composites: Tailoring physico-chemical properties by ionic liquid content and solvent evaporation temperature. <i>Composites Part B: Engineering</i> , 2019, 178, 107516.	12.0	20
23	Silk Fibroin Dissolution in Tetrabutylammonium Hydroxide Aqueous Solution. <i>Biomacromolecules</i> , 2019, 20, 4107-4116.	5.4	18
24	Nanofluid Based on Glucose-Derived Carbon Dots Functionalized with [Bmim]Cl for the Next Generation of Smart Windows. <i>Advanced Sustainable Systems</i> , 2019, 3, 1900047.	5.3	11
25	Molecular relaxation and ionic conductivity of ionic liquids confined in a poly(vinylidene fluoride) polymer matrix: Influence of anion and cation type. <i>Polymer</i> , 2019, 171, 58-69.	3.8	17
26	Ionic Liquid Cation Size-Dependent Electromechanical Response of Ionic Liquid/Poly(vinylidene fluoride) Overlaid with Graphene. <i>ACS Applied Energy Materials</i> , 2019, 2, 1951-1960.	3.1	12
27	Luminescent $\gamma$ -Carrageenan-Based Electrolytes Containing Neodymium Triflate. <i>Molecules</i> , 2019, 24, 1020.	3.8	9
28	Sustainable Dual-Mode Smart Windows for Energy-Efficient Buildings. <i>ACS Applied Energy Materials</i> , 2019, 2, 1951-1960.	5.1	27
29	Advanced hybrid nanomaterials. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 2563-2567.	2.8	9
30	Improved response of ionic liquid-based bending actuators by tailored interaction with the polar fluorinated polymer matrix. <i>Electrochimica Acta</i> , 2019, 296, 598-607.	5.2	49
31	Three-Mode Modulation Electrochromic Device with High Energy Efficiency for Windows of Buildings Located in Continental Climatic Regions. <i>Advanced Sustainable Systems</i> , 2019, 3, 1800115.	5.3	22
32	Transparent Luminescent Solar Concentrators Using Ln <sup>3+</sup> -Based Ionosilicas Towards Photovoltaic Windows. <i>Energies</i> , 2019, 12, 451.	3.1	37
33	Ionic and conformational mobility in poly(vinylidene fluoride)/ionic liquid blends: Dielectric and electrical conductivity behavior. <i>Polymer</i> , 2018, 143, 164-172.	3.8	32
34	Silk Fibroin Separators: A Step Toward Lithium-Ion Batteries with Enhanced Sustainability. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 5385-5394.	8.0	50
35	Structuring of Amide Cross-Linked Non-Bridged and Bridged Alkyl-Based Silsesquioxanes. <i>Chemical Record</i> , 2018, 18, 724-736.	5.8	5
36	Samarium (III) triflate-doped chitosan electrolyte for solid state electrochromic devices. <i>Electrochimica Acta</i> , 2018, 267, 51-62.	5.2	24

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37	Luminescent Electrochromic Devices for Smart Windows of Energy-Efficient Buildings. <i>Energies</i> , 2018, 11, 3513.	3.1	16
38	<i>Bombyx mori</i> Silk Cocoon Separators for Lithium-Ion Batteries with Superior Safety and Sustainability. <i>Advanced Sustainable Systems</i> , 2018, 2, 1800098.	5.3	15
39	Ionic Liquid-Assisted Synthesis of Mesoporous Silk Fibroin/Silica Hybrids for Biomedical Applications. <i>ACS Omega</i> , 2018, 3, 10811-10822.	3.5	23
40	<i>Bombyx mori</i> silk/titania/gold hybrid materials for photocatalytic water splitting: combining renewable raw materials with clean fuels. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 187-204.	2.8	3
41	Preparation of Well-Dispersed Chitosan/Alginate Hollow Multilayered Microcapsules for Enhanced Cellular Internalization. <i>Molecules</i> , 2018, 23, 625.	3.8	31
42	Eco-friendly sol-gel derived sodium-based ormolytes for electrochromic devices. <i>Electrochimica Acta</i> , 2017, 232, 484-494.	5.2	11
43	Structuring of Alkyl-Triazole Bridged Silsesquioxanes. <i>ChemistrySelect</i> , 2017, 2, 432-442.	1.5	20
44	High-Performance Near-Infrared Luminescent Solar Concentrators. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 12540-12546.	8.0	64
45	Eco-Friendly Red Seaweed-Derived Electrolytes for Electrochemical Devices. <i>Advanced Sustainable Systems</i> , 2017, 1, 1700070.	5.3	20
46	d-Poly( $\epsilon$ -caprolactone) (530)/siloxane biohybrid films doped with protic ionic liquids. <i>Journal of Electroanalytical Chemistry</i> , 2017, 799, 249-256.	3.8	4
47	Hybrid nanomaterials: from the laboratory to the market. <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 861-862.	2.8	1
48	Novel Highly Luminescent Amine-Functionalized Bridged Silsesquioxanes. <i>Frontiers in Chemistry</i> , 2017, 5, 131.	3.6	7
49	Di-ureasil Hybrid Electrolytes Incorporating a New Proton Ionic Liquid. <i>ChemElectroChem</i> , 2016, 3, 783-789.	3.4	5
50	Smart Windows Prepared from <i>Bombyx mori</i> Silk. <i>ChemElectroChem</i> , 2016, 3, 1084-1097.	3.4	18
51	Ion conducting and paramagnetic d-PCL(530)/siloxane-based biohybrids doped with Mn <sup>2+</sup> ions. <i>Electrochimica Acta</i> , 2016, 211, 804-813.	5.2	5
52	Fabrication and optical properties of thin films with sol-gel derived di-ureasils doped with Disperse Red 1. <i>Optical and Quantum Electronics</i> , 2016, 48, 1.	3.3	2
53	<i>Bombyx mori</i> Silk Fibers: An Outstanding Family of Materials. <i>Macromolecular Materials and Engineering</i> , 2015, 300, 1171-1198.	3.6	89
54	Di-amidosils with tunable structure, morphology and emission quantum yield: the role of hydrogen bonding. <i>Journal of Materials Chemistry C</i> , 2015, 3, 6844-6861.	5.5	25

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55	Electrochromic devices incorporating biohybrid electrolytes doped with a lithium salt, an ionic liquid or a mixture of both. <i>Electrochimica Acta</i> , 2015, 161, 226-235.	5.2	29
56	Polymer electrolyte based on DNA and N,N,N-trimethyl-N-(2-hydroxyethyl)ammonium bis(trifluoromethylsulfonyl)imide. <i>Journal of Electroanalytical Chemistry</i> , 2015, 748, 70-75.	3.8	11
57	Gellan gum <sup>®</sup> Ionic liquid membranes for electrochromic device application. <i>Solid State Ionics</i> , 2015, 274, 64-70.	2.7	26
58	Effect of the alkyl chain length of the ionic liquid anion on polymer electrolytes properties. <i>Electrochimica Acta</i> , 2015, 184, 171-178.	5.2	16
59	Nanostructuring of Bridged Organosilane Precursors with Pendant Alkyl Chains. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1218-1225.	2.0	22
60	Fabrication of low-cost thermo-optic variable wave plate based on waveguides patterned on di-ureasil hybrids. <i>Optics Express</i> , 2014, 22, 27159.	3.4	16
61	Investigation of calcium carbonate precipitated in the presence of alkanols. <i>Crystal Research and Technology</i> , 2014, 49, 418-430.	1.3	1
62	Di-urethanesil hybrid electrolytes doped with Mg(CF <sub>3</sub> SO <sub>3</sub> ) <sub>2</sub> . <i>Ionics</i> , 2014, 20, 29-36.	2.4	1
63	Luminescent solar concentrators: challenges for lanthanide-based organic-inorganic hybrid materials. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5580-5596.	10.3	150
64	Fractality and metastability of a complex amide cross-linked dipodal alkyl/siloxane hybrid. <i>RSC Advances</i> , 2014, 4, 59664-59675.	3.6	18
65	Chitosan and Ionic Liquid Based Solid Polymer Electrolytes: The Anion Alkyl Chain Length Effect. <i>ECS Transactions</i> , 2014, 61, 51-59.	0.5	6
66	Coordination polymers based on a glycine-derivative ligand. <i>CrystEngComm</i> , 2014, 16, 8119-8137.	2.6	5
67	Quasi-anhydrous proton conducting di-ureasil hybrid electrolytes incorporating a protic ionic liquid. <i>Electrochimica Acta</i> , 2014, 147, 288-293.	5.2	6
68	Lamellar mono-amidosil hybrids doped with Rhodamine (B) methyl ester perchlorate. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 72, 239-251.	2.4	17
69	Polarization state control using thermo-optic effect in organic-inorganic hybrids waveguides. , 2014, , .		1
70	Luminescent Electrochromic Device Based on a Biohybrid Electrolyte Doped with a Mixture of Potassium Triflate and a Europium $\beta$ -diketonate Complex. <i>ECS Transactions</i> , 2014, 61, 213-225.	0.5	5
71	Ionically conducting Er <sup>3+</sup> -doped DNA-based biomembranes for electrochromic devices. <i>Electrochimica Acta</i> , 2014, 120, 327-333.	5.2	19
72	Green Li <sup>+</sup> - and Er <sup>3+</sup> -doped poly( $\mu$ -caprolactone)/siloxane biohybrid electrolytes for smart electrochromic windows. <i>Solar Energy Materials and Solar Cells</i> , 2014, 123, 203-210.	6.2	18

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73	Luminescent DNA- and Agar-Based Membranes. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 6685-6691.	0.9	10
74	Luminescent Electrochromic Device Based on a Biohybrid Electrolyte Doped with a Mixture of Potassium Triflate and a Europium $\text{I}^2$ -diketonate Complex. <i>ECS Meeting Abstracts</i> , 2014, , .	0.0	0
75	Chitosan and Ionic Liquid Based Solid Polymer Electrolytes: The Anion Alkyl Chain Length Effect. <i>ECS Meeting Abstracts</i> , 2014, , .	0.0	0
76	Photoluminescent lamellar bilayer mono-alkyl-urethanesils. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 65, 61-73.	2.4	28
77	Vibrational analysis of d-PCL(530)/siloxane-based hybrid electrolytes doped with two lithium salts. <i>Ionics</i> , 2013, 19, 1803-1809.	2.4	7
78	Lamellar Salt-Doped Hybrids with Two Reversible Order/Disorder Phase Transitions. <i>Journal of Physical Chemistry B</i> , 2013, 117, 14529-14543.	2.6	5
79	Role of the reactive atmosphere during the sol-gel synthesis on the enhancing of the emission quantum yield of urea cross-linked tripodal siloxane-based hybrids. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 70, 227.	2.4	1
80	Structural characterization of solid trivalent metal dodecyl sulfates: from aqueous solution to lamellar superstructures. <i>RSC Advances</i> , 2013, 3, 1420-1433.	3.6	22
81	Electro-optical properties of the DNA-Eu <sup>3+</sup> bio-membranes. <i>Journal of Electroanalytical Chemistry</i> , 2013, 708, 116-123.	3.8	15
82	Chitosan membranes containing micro or nano-size bioactive glass particles: evolution of biomineralization followed by in situ dynamic mechanical analysis. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2013, 20, 173-183.	3.1	98
83	Lamellar mono-amidosil hybrids incorporating monomethinecyanine dyes. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2290.	5.5	23
84	Gelatin <sub>3</sub> Zn(CF <sub>3</sub> SO <sub>3</sub> ) <sub>2</sub> Polymer Electrolytes for Electrochromic Devices. <i>Electroanalysis</i> , 2013, 25, 1483-1490.	2.9	22
85	Luminescent urea cross-linked tripodal siloxane-based hybrids. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 65, 83-92.	2.4	21
86	Boosting the Emission Quantum Yield of Urea Cross-Linked Tripodal Poly(oxypropylene)/Siloxane Hybrids Through the Variation of Catalyst Concentration. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5390-5395.	2.0	32
87	Water-mediated structural tunability of an alkyl/siloxane hybrid: from amorphous material to lamellar structure or bilamellar superstructure. <i>RSC Advances</i> , 2012, 2, 2087.	3.6	35
88	Structural studies of novel di-ureasil ormolytes doped with lithium hexafluoroantimonate. <i>Solid State Ionics</i> , 2012, 226, 7-14.	2.7	4
89	Ionic-Liquid-Assisted Morphology Tuning of Calcium Carbonate in Ethanolic Solution. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2183-2192.	2.0	13
90	Europium complex-based thermochromic sensor for integration in plastic optical fibres. <i>Optical Materials</i> , 2012, 34, 1447-1450.	3.6	10

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91	Solvent-controlled morphology of lamellar silsesquioxanes: from platelets to microsponges. <i>CrystEngComm</i> , 2011, 13, 1410-1415.	2.6	34
92	Li <sup>+</sup> - and Eu <sup>3+</sup> -Doped Poly( $\epsilon$ -caprolactone)/Siloxane Biohybrid Electrolytes for Electrochromic Devices. <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 2953-2965.	8.0	24
93	Self-Structuring of Lamellar Bridged Silsesquioxanes with Long Side Spacers. <i>Journal of Physical Chemistry B</i> , 2011, 115, 10877-10891.	2.6	36
94	Progress on lanthanide-based organic-inorganic hybrid phosphors. <i>Chemical Society Reviews</i> , 2011, 40, 536-549.	38.1	527
95	K <sup>+</sup> -doped poly( $\epsilon$ -caprolactone)/siloxane biohybrid electrolytes for electrochromic devices. <i>Solid State Ionics</i> , 2011, 204-205, 129-139.	2.7	18
96	Di-ureasil hybrids doped with LiBF <sub>4</sub> : Spectroscopic study of the ionic interactions and hydrogen bonding. <i>Materials Chemistry and Physics</i> , 2011, 129, 385-393.	4.0	7
97	FT-IR and FT-Raman spectroscopy study of di-urethanesil hybrids doped with Mg(CF <sub>3</sub> SO <sub>3</sub> ) <sub>2</sub> . <i>Vibrational Spectroscopy</i> , 2011, 57, 187-195.	2.2	6
98	Structure, thermal properties, conductivity and electrochemical stability of di-urethanesil hybrids doped with LiCF <sub>3</sub> SO <sub>3</sub> . <i>Ionics</i> , 2010, 16, 193-201.	2.4	13
99	Eu <sup>III</sup> -Doping of Lamellar Bilayer and Amorphous Mono-Amide Cross-Linked Alkyl/Siloxane Hybrids. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2688-2699.	2.0	8
100	Enhanced photoluminescence features of Eu <sup>3+</sup> -modified di-ureasil-zirconium oxocluster organic-inorganic hybrids. <i>Optical Materials</i> , 2010, 32, 1587-1591.	3.6	8
101	Mg <sup>2+</sup> -doped poly( $\epsilon$ -caprolactone)/siloxane biohybrids. <i>Electrochimica Acta</i> , 2010, 55, 1328-1332.	5.2	17
102	Trimethyl 2,2',2''-[1,3,5-triazine-2,4,6-triyltris(azanediyl)]triacetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2010, 66, o3243-o3244.	0.2	1
103	Lithium-doped hybrid polymer electrolytes. , 2010, , 176-218.		4
104	Eu <sup>3+</sup> -Assisted Short-Range Ordering of Photoluminescent Bridged Silsesquioxanes. <i>Chemistry of Materials</i> , 2010, 22, 3599-3609.	6.7	36
105	Low-cost optical components based on organic-inorganic hybrids produced using direct UV writing technique. , 2010, , .		0
106	Lanthanide-Containing 2,2'-Bipyridine Bridged Urea Cross-Linked Polysilsesquioxanes. <i>Spectroscopy Letters</i> , 2010, 43, 321-332.	1.0	7
107	Lanthanide-Containing Light-Emitting Organic-Inorganic Hybrids: A Bet on the Future. <i>Advanced Materials</i> , 2009, 21, 509-534.	21.0	850
108	Highly luminescent di-ureasil hybrid doped with a Eu(III) complex including dipicolinate ligands. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 205, 156-160.	3.9	19

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109	Di-ureasil xerogels containing lithium bis(trifluoromethanesulfonyl)imide for application in solid-state electrochromic devices. <i>Electrochimica Acta</i> , 2009, 54, 1002-1009.	5.2	41
110	Ligand-Assisted Rational Design and Supramolecular Tectonics toward Highly Luminescent Eu <sup>3+</sup> -Containing Organic-Inorganic Hybrids. <i>Chemistry of Materials</i> , 2009, 21, 5099-5111.	6.7	58
111	Dual role of a di-urethanesil hybrid doped with europium <sup>2</sup> -diketonate complexes containing either waterligands or a bulky chelating ligand. <i>Journal of Materials Chemistry</i> , 2009, 19, 733-742.	6.7	35
112	Glycine methyl ester hydrochloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1970-o1970.	0.2	5
113	Methyl 2-(4,6-dichloro-1,3,5-triazin-2-ylamino)acetate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1985-o1986.	0.2	2
114	Incorporation of the Eu(tta) <sub>3</sub> (H <sub>2</sub> O) <sub>2</sub> complex into a co-condensed d-U(600)/d-U(900) matrix. <i>Journal of Luminescence</i> , 2008, 128, 205-212.	3.1	24
115	Cationic and anionic environments in LiTFSI-doped di-ureasils with application in solid-state electrochromic devices. <i>Chemical Physics</i> , 2008, 345, 32-40.	1.9	14
116	Photoluminescence and quantum yields of organic/inorganic hybrids prepared through formic acid solvolysis. <i>Optical Materials</i> , 2008, 30, 1058-1064.	3.6	32
117	Cation coordination and hydrogen bonding in potassium and magnesium based-di-amidosil hybrids. <i>Journal of Molecular Structure</i> , 2008, 874, 128-137.	3.6	0
118	Vibrational spectra and microstructure of poly( $\mu$ -caprolactone)/siloxane biohybrids doped with lithium triflate. <i>Journal of Molecular Structure</i> , 2008, 879, 72-80.	3.6	13
119	Dye-sensitized solar cells: A safe bet for the future.. <i>Energy and Environmental Science</i> , 2008, 1, 655.	30.8	373
120	Photoluminescence of Eu(III)-doped lamellar bridged silsesquioxanes self-templated through a hydrogen bonding array. <i>Journal of Materials Chemistry</i> , 2008, 18, 4172.	6.7	61
121	Structure and photoluminescence of di-amidosil nanohybrids incorporating europium triflate. <i>Journal of Alloys and Compounds</i> , 2008, 451, 510-515.	5.5	8
122	Optical material composed of a di-urethanesil host hybrid and a europium complex. <i>Journal of Alloys and Compounds</i> , 2008, 451, 201-205.	5.5	9
123	Photopatternable Di-ureasil-Zirconium Oxocluster Organic-Inorganic Hybrids As Cost Effective Integrated Optical Substrates. <i>Chemistry of Materials</i> , 2008, 20, 3696-3705.	6.7	44
124	Evidence of random magnetic anisotropy in ferrihydrite nanoparticles based on analysis of statistical distributions. <i>Physical Review B</i> , 2008, 77, .	3.2	23
125	Sol-gel-derived potassium-based di-ureasils for smart windows. <i>Journal of Materials Chemistry</i> , 2007, 17, 4239.	6.7	33
126	Energy Transfer and Emission Quantum Yields of Organic-Inorganic Hybrids Lacking Metal Activator Centers. <i>Journal of Physical Chemistry C</i> , 2007, 111, 3275-3284.	3.1	70



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127	Nanosopic Photoluminescence Memory as a Fingerprint of Complexity in Self-Assembled Alkyl/Siloxane Hybrids. <i>Advanced Materials</i> , 2007, 19, 341-348.	21.0	101
128	Spectroscopic and structural studies of di-ureasils doped with lithium perchlorate. <i>Electrochimica Acta</i> , 2007, 53, 1466-1475.	5.2	27
129	Highly Photostable Luminescent Poly( $\mu$ -caprolactone)siloxane Biohybrids Doped with Europium Complexes. <i>Chemistry of Materials</i> , 2007, 19, 3892-3901.	6.7	164
130	Role of energy transfer and charge trapping on the luminescence properties of Europium complexes/luminescent polymers composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2007, 18, 271-275.	2.2	2
131	Local and nanoscopic structure of potassium triflate-doped siloxane-polyoxyethylene ormolytes. <i>Journal of Non-Crystalline Solids</i> , 2006, 352, 3457-3462.	3.1	7
132	Structure and properties of Ti <sup>4+</sup> -ureasil organic-inorganic hybrids. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 443-452.	0.6	19
133	Sol-gel preparation of a di-ureasil electrolyte doped with lithium perchlorate. <i>Electrochimica Acta</i> , 2006, 52, 1542-1548.	5.2	32
134	FT-IR and Raman spectroscopic study of di-urea cross-linked poly(oxyethylene)/siloxane ormolytes doped with Zn <sup>2+</sup> ions. <i>Vibrational Spectroscopy</i> , 2006, 40, 278-288.	2.2	10
135	Nanostructure and luminescent properties of sol-gel derived europium-doped amine functionalised hybrids. <i>Journal of Sol-Gel Science and Technology</i> , 2006, 37, 99-104.	2.4	5
136	Sol-gel derived Li <sup>+</sup> -doped poly( $\mu$ -caprolactone)/siloxane biohybrid electrolytes. <i>Journal of Solid State Electrochemistry</i> , 2006, 10, 203-210.	2.5	29
137	Study of sol-gel derived di-ureasils doped with zinc triflate. <i>Solid State Sciences</i> , 2006, 8, 1484-1491.	3.2	14
138	Iron Oxide and Oxide-Hydroxide Nanoparticles in Organic-Inorganic Matrices. <i>Materials Science Forum</i> , 2006, 514-516, 142-146.	0.3	0
139	Structural and magnetic studies in ferrihydrite nanoparticles formed within organic-inorganic hybrid matrices. <i>Journal of Applied Physics</i> , 2006, 100, 054301.	2.5	19
140	Magnetic behavior of iron (III) oxyhydroxy nanoparticles in organic-inorganic hybrid matrices. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 290-291, 962-965.	2.3	2
141	Di-ureasil ormolytes doped with Mg <sup>2+</sup> ions: Part 2. Cationic and anionic environments. <i>Solid State Ionics</i> , 2005, 176, 1601-1611.	2.7	9
142	Di-ureasil ormolytes doped with Mg <sup>2+</sup> ions Part 1: Morphological, thermal and electrochemical properties. <i>Solid State Ionics</i> , 2005, 176, 1591-1599.	2.7	31
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