List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Self-supporting carbon-rich SiOC ceramic electrodes for lithium-ion batteries and aqueous supercapacitors. RSC Advances, 2021, 11, 35440-35454.	3.6	23
2	Assessing the Oxidation Behavior of EC:DMC Based Electrolyte on Non-Catalytically Active Surface. Journal of the Electrochemical Society, 2020, 167, 080530.	2.9	24
3	Polyurethane nanocomposites containing the chemically active inorganic Sn-POSS cages. Reactive and Functional Polymers, 2019, 143, 104338.	4.1	8
4	Zwitterionic polymer ligands: an ideal surface coating to totally suppress protein-nanoparticle corona formation?. Biomaterials, 2019, 219, 119357.	11.4	110
5	Stability and degradation of PEO20PPO70PEO20 triblock copolymers in mesostructured silica. Journal of Sol-Gel Science and Technology, 2019, 91, 552-566.	2.4	4
6	Direct Synthesis of Nâ€Heterocyclic Carbeneâ€Stabilized Copper Nanoparticles from an Nâ€Heterocyclic Carbene–Borane. Chemistry - A European Journal, 2019, 25, 11481-11485.	3.3	20
7	Radicalâ€Initiated Dismutation of Hydrosiloxanes by Catalytic Potassiumâ€Graphite. ChemCatChem, 2019, 11, 3781-3785.	3.7	5
8	Alkoxysilane effect in hybrid material: A comparison of pHEMA-TiO2 and pMAPTMS-TiO2 nanoparticulate hybrids. Materials Research Bulletin, 2019, 114, 130-137.	5.2	5
9	N-Heterocyclic carbene-stabilized gold nanoparticles with tunable sizes. Dalton Transactions, 2018, 47, 6850-6859.	3.3	43
10	Architecture of Silsesquioxanes. , 2018, , 3119-3151.		4
11	Nanophase Segregation of Self-Assembled Monolayers on Gold Nanoparticles. ACS Nano, 2017, 11, 7371-7381.	14.6	35
12	Quantified Binding Scale of Competing Ligands at the Surface of Gold Nanoparticles: The Role of Entropy and Intermolecular Forces. Small, 2017, 13, 1604028.	10.0	21
13	Hydrophobic Coatings by Thiol-Ene Click Functionalization of Silsesquioxanes with Tunable Architecture. Materials, 2017, 10, 913.	2.9	4
14	Mechanism and Kinetics of Oligosilsesquioxane Growth in the In Situ Water Production Sol–Gel Route: Dependence on Water Availability. European Journal of Inorganic Chemistry, 2016, 2016, 2166-2174.	2.0	13
15	Nanoparticles of Low-Valence Vanadium Oxyhydroxides: Reaction Mechanisms and Polymorphism Control by Low-Temperature Aqueous Chemistry. Inorganic Chemistry, 2016, 55, 11502-11512.	4.0	21
16	⁸⁷ Sr, ¹¹⁹ Sn, ¹²⁷ I Single and { ¹ H/ ¹⁹ F}â€Double Resonance Solid‣tate NMR Experiments: Application to Inorganic Materials and Nanobuilding Blocks. ChemistrySelect, 2016, 1, 4509-4519.	1.5	8
17	Architecture of Silsesquioxanes. , 2016, , 1-34.		0
18	Incorporation and chemical effect of Sn-POSS cages in poly(ethyl methacrylate). European Polymer Journal, 2015, 68, 366-378.	5.4	10

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19	Reactivity of the tin homolog of POSS, butylstannoxane dodecamer, inÂoxygen-induced crosslinking reactions with an organic polymer matrix: Study of long-time behavior. Polymer Degradation and Stability, 2015, 118, 147-166.	5.8	14
20	Charge Transfer at Hybrid Interfaces: Plasmonics of Aromatic Thiol-Capped Gold Nanoparticles. ACS Nano, 2015, 9, 7572-7582.	14.6	67
21	Molecular Engineering of Functional Inorganic and Hybrid Materials. Chemistry of Materials, 2014, 26, 221-238.	6.7	147
22	Interfacing a heteropolytungstate complex and gelatin through a coacervation process: design of bionanocomposite films as novel electrocatalysts. Journal of Materials Chemistry A, 2014, 2, 9208-9220.	10.3	20
23	Nano-building block based-hybrid organic–inorganic copolymers with self-healing properties. Polymer Chemistry, 2014, 5, 4474-4479.	3.9	23
24	Tin-based "super-POSS―building blocks in epoxy nanocomposites with highly improved oxidation resistance. Polymer, 2014, 55, 3498-3515.	3.8	14
25	A one-pot route to prepare class II hybrid ionogel electrolytes. New Journal of Chemistry, 2014, 38, 2008-2015.	2.8	13
26	Behavior of Tin-Based "Super-POSS―Incorporated in Different Bonding Situations in Hybrid Epoxy Resins. Macromolecules, 2014, 47, 4266-4287.	4.8	18
27	Effect of network mesh size on the thermo-mechanical properties of epoxy nanocomposites with the heavier homologue of POSS, the inorganic butylstannoxane cages. European Polymer Journal, 2014, 57, 169-181.	5.4	9
28	Quantitative analysis of polymer mixtures in solution by pulsed field-gradient spin echo NMR spectroscopy. Journal of Magnetic Resonance, 2013, 231, 46-53.	2.1	5
29	A Topâ€Down Synthesis Route to Ultrasmall Multifunctional Gdâ€Based Silica Nanoparticles for Theranostic Applications. Chemistry - A European Journal, 2013, 19, 6122-6136.	3.3	115
30	Preparation of Novel, Nanocomposite Stannoxane-Based Organic–Inorganic Epoxy Polymers containing Ionic bonds. Macromolecules, 2012, 45, 221-237.	4.8	23
31	Ex Situ X-ray Diffraction, X-ray Absorption Near Edge Structure, Electron Spin Resonance, and Transmission Electron Microscopy Study of the Hydrothermal Crystallization of Vanadium Oxide Nanotubes: An Insight into the Mechanism of Formation. Journal of Physical Chemistry C, 2012, 116, 25126-25136.	3.1	22
32	Tunable Multifunctional Mesoporous Silica Microdots Arrays by Combination of Inkjet Printing, EISA, and Click Chemistry. Chemistry of Materials, 2012, 24, 4337-4342.	6.7	36
33	Low-temperature H2sensing in self-assembled organotin thin films. Chemical Communications, 2011, 47, 1464-1466.	4.1	20
34	New hybrid core–shell star-like architectures made of poly(n-butyl acrylate) grown from well-defined titanium oxo-clusters. Journal of Materials Chemistry, 2011, 21, 4470.	6.7	25
35	Sol–Gel Derived Hybrid Thin Films: The Chemistry behind Processing. Chemistry of Materials, 2011, 23, 5082-5089	6.7	19
36	Molecular and supramolecular dynamics of hybrid organic–inorganic interfaces for the rational construction of advanced hybrid nanomaterials. Chemical Society Reviews, 2011, 40, 829-848.	38.1	77

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37	Synthesis, characterization, and rheological properties of hybrid titanium starâ€shaped poly(<i>n</i> â€butyl acrylate). Journal of Polymer Science Part A, 2011, 49, 2636-2644.	2.3	10
38	"Chimie douce― A land of opportunities for the designed construction of functional inorganic and hybrid organic-inorganic nanomaterials. Comptes Rendus Chimie, 2010, 13, 3-39.	0.5	270
39	Probing the Anions Mediated Associative Behavior of Tin-12 Oxo-Macrocations by Pulsed Field Gradient NMR Spectroscopy. Journal of Physical Chemistry C, 2010, 114, 16087-16091.	3.1	22
40	Inkjet-Printing-Engineered Functional Microdot Arrays Made of Mesoporous Hybrid Organosilicas. Chemistry of Materials, 2010, 22, 3875-3883.	6.7	20
41	Covalent grafting of organoalkoxysilanes on silica surfaces in water-rich medium as evidenced by 29Si NMR. Journal of Sol-Gel Science and Technology, 2009, 50, 152-157.	2.4	62
42	The Effect of a Fourth Binding Site on the Stabilization of Cationic SPS Pincer Palladium Complexes: Experimental, DFT, and Mass Spectrometric Studies. Organometallics, 2009, 28, 2020-2027.	2.3	11
43	New Monofunctional POSS and Its Utilization as Dewetting Additive in Methacrylate Based Free-Standing Films. Chemistry of Materials, 2009, 21, 4163-4171.	6.7	27
44	First example of biopolymer–polyoxometalate complex coacervation in gelatin–decavanadate mixtures. Soft Matter, 2008, 4, 735.	2.7	32
45	Sn ₁₂ O ₈ (OH) ₄ (OEt) ₂₈ (HOEt) ₄ : an Additional Member in the Family of Dodecameric Oxo Clusters. Inorganic Chemistry, 2008, 47, 5831-5840.	4.0	17
46	Repulsion Between Inorganic Particles Inserted Within Surfactant Bilayers. Physical Review Letters, 2008, 101, 098101.	7.8	21
47	Covalent Grafting of Organoalkoxysilanes on Silica Surfaces in Water-Rich Medium as Evidenced by 29Si NMR. Materials Research Society Symposia Proceedings, 2007, 1007, 1.	0.1	1
48	Characterization of Titanium Dioxide Nanoparticles Dispersed in Organic Ligand Solutions by Using a Diffusion-Ordered Spectroscopy-Based Strategy. Chemistry - A European Journal, 2007, 13, 6957-6966.	3.3	59
49	A new story in the structural chemistry of cerium(IV) phosphate. Journal of Physics and Chemistry of Solids, 2007, 68, 795-798.	4.0	20
50	Ce(H2O)(PO4)3/2(H3O)1/2(H2O)1/2, a second entry in the structural chemistry of cerium(IV) phosphates. Solid State Sciences, 2007, 9, 672-677.	3.2	16
51	Development and Characterization of Rare Earth-Rich Glassy Matrices Envisaged for the Immobilization of Concentrated Nuclear Waste Solutions. Nuclear Science and Engineering, 2006, 153, 272-284.	1.1	40
52	Ink Jet Printing of Microdot Arrays of Mesostructured Silica. Journal of the American Ceramic Society, 2006, 89, 1876-1882.	3.8	48
53	Synthesis and characterization of CeIV(PO4)(HPO4)0.5(H2O)0.5. Journal of Physics and Chemistry of Solids, 2006, 67, 1075-1078.	4.0	24
54	Carboxylate-Containing Tin(IV) Isopropoxides: Synthesis and Characterization of [Sn(OiPr)2(O2CR)2]2 [R = (CH3)CCH2, C6H5, CH3]. European Journal of Inorganic Chemistry, 2006, 2006, 802-807.	2.0	8

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55	The First Structure of a Cerium(IV) Phosphate: Ab Initio Rietveld Analysis of CeIV(PO4)(HPO4)0.5(H2O)0.5. Angewandte Chemie - International Edition, 2005, 44, 5691-5694.	13.8	33
56	The First Structure of a Cerium(IV) Phosphate: Ab initio Rietveld Analysis of Ce(IV)(PO4)(HPO4)0.5 (H2O)0.5 ChemInform, 2005, 36, no.	0.0	0
57	Poly[{(BuSn)12O14(OH)6}(AMPS)2] and poly[methyl acrylate-co-{(BuSn)12O14(OH)6}(AMPS)2]: hybrid polymers cross-linked through electrostatic interactions. Journal of Materials Chemistry, 2005, 15, 3973.	6.7	29
58	In situ evaluation of interfacial affinity in CeO2 based hybrid nanoparticles by pulsed field gradient NMR. Chemical Communications, 2005, , 1019.	4.1	37
59	Functionalized alkoxy tin clusters as nanobuilding blocks for hybrid materials. Progress in Solid State Chemistry, 2005, 33, 89-97.	7.2	3
60	Modification and Characterization of Si-Based Nanobuilding Blocks Precursors for Hybrid Materials. Materials Research Society Symposia Proceedings, 2004, 847, 180.	0.1	4
61	Hybrid Organic-Inorganic Materials Based on Nanobuilding Blocks Assembled through Electrostatic Interactions. Journal of Sol-Gel Science and Technology, 2004, 32, 37-41.	2.4	5
62	Solid-state NMR study of[(Ph3SnF)2(Ph3SnO2PPh2)], a novel coordination polymer prepared from Bu4N[Ph3SnF2] and[Ph3SnOPPh2OSnPh3](O3SCF3). Applied Organometallic Chemistry, 2004, 18, 353-358.	3.5	6
63	Probing Ionic Association on Metal Oxide Clusters by Pulsed Field Gradient NMR Spectroscopy: The Example of Sn12–Oxo Clusters. Chemistry - A European Journal, 2004, 10, 1747-1751.	3.3	31
64	Controlled Formation of Highly Organized Mesoporous Titania Thin Films:  From Mesostructured Hybrids to Mesoporous Nanoanatase TiO2. Journal of the American Chemical Society, 2003, 125, 9770-9786.	13.7	871
65	Design of functional nano-structured materials through the use of controlled hybrid organic–inorganic interfaces. Comptes Rendus Chimie, 2003, 6, 1131-1151.	0.5	183
66	XAS study of chromium in Li2MSiO4 (M=Mg, Zn). Nuclear Instruments & Methods in Physics Research B, 2003, 200, 425-431.	1.4	14
67	New Insights into the Structures of Diorganotellurium Oxides. The First Polymeric Diorganotelluroxane [(p-MeOC6H4)2TeO]n. Organometallics, 2003, 22, 3257-3261.	2.3	63
68	Structural Characterisations of Rare Earth-Rich Glasses for Nuclear Waste Immobilisation. Materials Research Society Symposia Proceedings, 2003, 807, 319.	0.1	5
69	Spectroscopic characterization of chromium (IV, V, VI) in Cr:Li2MSiO4 (M=Mg,Zn). Journal of Applied Physics, 2003, 93, 6006-6015.	2.5	12
70	119Sn SOLID STATE NMR CHARACTERIZATION OF BuSnO(OH). Main Group Metal Chemistry, 2002, 25, .	1.6	8
71	Synthesis and characterization of crystalline tin oxide nanoparticles. Journal of Materials Chemistry, 2002, 12, 2396-2400.	6.7	137
72	A DFT and HF quantum chemical study of the tin nanocluster [(RSn)12O14(OH)6]2+ and its interactions with anions and neutral nucleophiles: confrontation with experimental data. New Journal of Chemistry, 2002, 26, 1108-1117.	2.8	18

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73	Structural and spectroscopic characterisation of Cr:Li2MgSiO4 (γ0). Journal of Materials Chemistry, 2002, 12, 1525-1529.	6.7	27
74	New Photochromic Hybrid Organic–Inorganic Materials Built from Well-Defined Nano-Building Blocks. Advanced Materials, 2002, 14, 1496-1499.	21.0	63
75	Di-n-butyltin Methyl- and Phenylphosphonates. Organometallics, 2001, 20, 2593-2603.	2.3	38
76	Designed Hybrid Organicâ~'Inorganic Nanocomposites from Functional Nanobuilding Blocks. Chemistry of Materials, 2001, 13, 3061-3083.	6.7	1,194
77	Molecular Design of Sol-Gel Derived Hybrid Organic-Inorganic Nanocomposites. Journal of Sol-Gel Science and Technology, 2000, 19, 31-38.	2.4	93
78	An Organotin Oxo-Carboxylate Cluster Functionalized by Triethoxysilyl Groups. Materials Research Society Symposia Proceedings, 2000, 628, 1.	0.1	4
79	Structural characterization of titanium-oxo-polymers synthesized in the presence of protons or complexing ligands as inhibitors. Journal of Non-Crystalline Solids, 2000, 265, 83-97.	3.1	93
80	Reaction of Butyltin Hydroxide Oxide withp-Toluenesulfonic Acid: Synthesis, X-ray Crystal Analysis, and Multinuclear NMR Characterization of {(BuSn)12O14(OH)6}(4-CH3C6H4SO3)2. Organometallics, 2000, 19, 1940-1949.	2.3	109
81	Design of Hybrid Organic-Inorganic Nanocomposites Synthesized Via Sol-Gel Chemistry. Molecular Crystals and Liquid Crystals, 2000, 354, 143-158.	0.3	24
82	Ketones as an oxolation source for the synthesis of titanium-oxo-organoclusters. New Journal of Chemistry, 1999, 23, 1079-1086.	2.8	66
83	Organically Functionalized Metallic Oxo-Clusters: Structurally Well-Defined Nanobuilding Blocks for the Design of Hybrid Organic-Inorganic Materials. Comments on Inorganic Chemistry, 1999, 20, 327-371.	5.2	113
84	Molecular design of hybrid organic-inorganic nanocomposites synthesized via sol-gel chemistry. Journal of Materials Chemistry, 1999, 9, 35-44.	6.7	285
85	Monoorganotin Oxo-Clusters : Versatile Nanobuilding Blocks for Hybrid Organic-Inorganic Materials. Phosphorus, Sulfur and Silicon and the Related Elements, 1999, 150, 41-58.	1.6	17
86	Synthesis through an in situ esterification process and characterization of oxo isopropoxo titanium clusters. Inorganica Chimica Acta, 1998, 279, 144-151.	2.4	70
87	New synthesis of the nanobuilding block {(BuSn)12O14(OH)6}2+and exchange properties of {(BuSn)12O14(OH)6}(O3SC6H4CH3)2. Journal of Organometallic Chemistry, 1998, 567, 137-142.	1.8	73
88	On the assignment of 119Sn resonances of bis[dicarboxylatotetraorganodistannoxanes] in solution and solid state 119Sn NMR spectra. Journal of Organometallic Chemistry, 1998, 552, 177-186.	1.8	52
89	Mn(V) polyhedron size in Ba10((P,Mn)O4)6F2: vibrational spectroscopy and EXAFS study. European Journal of Solid State and Inorganic Chemistry, 1998, 35, 419-431.	0.5	12
90	New route to monoorganotin oxides and alkoxides from trialkynylorganotins. Chemical Communications, 1998, , 369-370.	4.1	37

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91	Solution and Solid State Multinuclear NMR Investigation of the Structure of {(BuSn)12O14(OH)6}(O2PPh2)2. Inorganic Chemistry, 1998, 37, 911-917.	4.0	38
92	Hybrid Materials Made by Polymerization of the Nanobuilding Blocks {(BuSn)12O14,(OH)6,}2+(AAMPSâ^')2 (AAMPS = 2-acrylamido-2-methyl-l-propanesulfonate). Materials Research Society Symposia Proceedings, 1998, 519, 29.	0.1	7
93	Synthesis and Structural Characterization of Organically-Modified Microporous Silicates. Materials Research Society Symposia Proceedings, 1998, 519, 363.	0.1	Ο
94	X-ray Diffraction and 2D Gradient-Assisted1Hâ^'119Sn HMQC NMR Studies of Structures Obtained from Nucleophilic Substitutions on Dimethyltin(IV) Salicylaldoximates. Organometallics, 1997, 16, 4377-4385.	2.3	25
95	Title is missing!. Journal of Inorganic and Organometallic Polymers, 1997, 7, 151-162.	1.5	20
96	Hybrid organic-inorganic copolymers based on oxo-hydroxo organotin nanobuilding blocks. Journal of Sol-Gel Science and Technology, 1997, 8, 529-533.	2.4	26
97	Homogeneity-Related Problems in Solution Derived Powders. Journal of Solid State Chemistry, 1995, 117, 343-350.	2.9	24
98	The structure of low temperature crystallized LiCoO2. Solid State Ionics, 1995, 80, 111-118.	2.7	97
99	General Routes to Functional Organotin Trichlorides and Trialkoxides Involving the Tricyclohexylstannyl Group. Organometallics, 1995, 14, 685-689.	2.3	51
100	Hydrolysis of Monobutyltin Trialkoxides: Synthesis and Characterizations of {(BuSn)12O14(OH)6}(OH)2. Inorganic Chemistry, 1995, 34, 6371-6379.	4.0	137
101	Chemistry of Hybrid Organic-Inorganic Materials Synthesized via Sol-Gel. Materials Science Forum, 1994, 152-153, 313-318.	0.3	9
102	Molecular design of hybrid organic-inorganic materials with electronic properties. Journal of Sol-Gel Science and Technology, 1994, 2, 161-166.	2.4	38
103	EXAFS, Raman and 31P NMR study of amorphous titanium phosphates. Journal of Non-Crystalline Solids, 1994, 170, 250-262.	3.1	54
104	Sol-Gel Synthesis of Hybrid Organic-Inorganic Tin Oxide Based Materials. Materials Research Society Symposia Proceedings, 1994, 346, 121.	0.1	10
105	Vanadium clusters in doped ZrO2-SiO2 toughened ceramic composites obtained from alkoxides. Solid State Ionics, 1993, 63-65, 218-225.	2.7	3
106	Molecular design of hybrid organic-inorganic materials. European Physical Journal Special Topics, 1993, 03, C7-1349-C7-1355.	0.2	0
107	Hydrolysis-Condensation of Alkyltin-Trialkoxides. Materials Research Society Symposia Proceedings, 1992, 271, 45.	0.1	2

108 Transition Metal Oxo Polymers Synthesized via Sol-Gel Chemistry. , 1992, , 267-295.

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109	Hydrolysis-condensation process of .betadiketonates-modified cerium(IV) isopropoxide. Chemistry of Materials, 1991, 3, 759-764.	6.7	96
110	X-ray and spectroscopic investigations of the structure of yttrium acetate tetrahydrate. Inorganica Chimica Acta, 1991, 185, 239-245.	2.4	64
111	Structure du bis(2-propanol)-bis-μ-(2-propanolato)-hexakis(2-propanolato)dicérium(IV). Acta Crystallographica Section C: Crystal Structure Communications, 1990, 46, 1419-1422.	0.4	21
112	Molecular Structure Of Metal Alkoxide Precursors. Materials Research Society Symposia Proceedings, 1990, 180, 47.	0.1	16
113	Preparation and properties of uniform mixed colloidal particles; VI, copper(II)–yttrium(III), and copper(II)–lanthanum(III) compounds. Journal of Materials Research, 1989, 4, 1123-1131.	2.6	24