

# Stephane Daniele

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

125  
papers

2,331  
citations

29  
h-index

40  
g-index

137  
ext. papers

2,530  
ext. citations

4.7  
avg, IF

4.98  
L-index

#	Paper	IF	Citations
125	Study of titanium amino-alkoxide derivatives as TiO <sub>2</sub> Chemical Beam Vapour Deposition precursor. <i>Materials Chemistry and Physics</i> , <b>2022</b> , 277, 125561	4.4	1
124	Low-Temperature O <sub>3</sub> Decomposition over Pd-TiO <sub>2</sub> Hybrid Catalysts. <i>Catalysts</i> , <b>2022</b> , 12, 448	4	1
123	Self-Assembled Hybrid ZnO Nanostructures as Supports for Copper-Based Catalysts in the Hydrogenolysis of Glycerol. <i>Catalysts</i> , <b>2021</b> , 11, 516	4	5
122	Study of the Parameters Impacting the Photocatalytic Reduction of Carbon Dioxide in Ionic Liquids. <i>ChemPhotoChem</i> , <b>2021</b> , 5, 721-726	3.3	0
121	Synthesis and Thermal Behavior of Heteroleptic $\pi$ -Substituted Acetylacetonate-Alkoxides of Titanium. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 1976-1983	2.3	0
120	Visible luminescence improvement of ZnO/PAA nano-hybrids by silica coating. <i>Applied Surface Science</i> , <b>2021</b> , 540, 148343	6.7	3
119	Study of the Parameters Impacting the Photocatalytic Reduction of Carbon Dioxide in Ionic Liquids. <i>ChemPhotoChem</i> , <b>2021</b> , 5, 692-693	3.3	0
118	Molecular Engineering of Metal Alkoxides for Solution Phase Synthesis of High-Tech Metal Oxide Nanomaterials. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 9292-9303	4.8	22
117	Heteroleptic Tin(IV) Aminoalkoxides and Aminofluoroalkoxides as MOCVD Precursors for Undoped and F-Doped SnO Thin Films. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 7167-7180	5.1	13
116	Optimum in the thermoelectric efficiency of nanostructured Nb-doped TiO ceramics: from polarons to Nb-Nb dimers. <i>Physical Chemistry Chemical Physics</i> , <b>2020</b> , 22, 13008-13016	3.6	5
115	Interfacial study of surface-modified ZrO <sub>2</sub> nanoparticles with thioctic acid for the selective recovery of palladium and gold from electronic industrial wastewater. <i>Separation and Purification Technology</i> , <b>2020</b> , 237, 116353	8.3	13
114	Quest to enhance up-conversion efficiency: a comparison of anhydrous vs. hydrous synthesis of NaGdF <sub>4</sub> : Yb <sup>3+</sup> and Tm <sup>3+</sup> nanoparticles. <i>Materials Today Chemistry</i> , <b>2020</b> , 17, 100326	6.2	4
113	Input of IBA for the study of plasmonic properties of doped ZnO nanocrystals. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2020</b> , 479, 74-79	1.2	
112	Effect of High Pressure Spark Plasma Sintering on the Densification of a Nb-Doped TiO <sub>2</sub> Nanopowder. <i>Ceramics</i> , <b>2020</b> , 3, 507-520	1.7	0
111	Nanometric NaYF as an Unconventional Support for Gold Catalysts for Oxidation Reactions. <i>ACS Omega</i> , <b>2019</b> , 4, 5852-5861	3.9	4
110	Doping of ZnO inorganic-organic nanohybrids with metal elements. <i>Scientific Reports</i> , <b>2019</b> , 9, 11959	4.9	6
109	Preparation of NiCoP-decorated g-C <sub>3</sub> N <sub>4</sub> as an efficient photocatalyst for H <sub>2</sub> O <sub>2</sub> production. <i>Research on Chemical Intermediates</i> , <b>2019</b> , 45, 5907-5917	2.8	20

108	Multicolor Solar Absorption as a Synergetic UV Upconversion Enhancement Mechanism in LiYF <sub>4</sub> :Yb <sup>3+</sup> ,Tm <sup>3+</sup> Nanocrystals. <i>ACS Photonics</i> , <b>2019</b> , 6, 3126-3131	6.3	8
107	Pressure-Induced Phase Transitions in TiO <sub>2</sub> Rutile Nanorods. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 1948-1953	3.8	6
106	SERS self-monitoring of Ag-catalyzed reaction by magnetically separable mesoporous Fe <sub>3</sub> O <sub>4</sub> @Ag@mSiO <sub>2</sub> . <i>Microporous and Mesoporous Materials</i> , <b>2018</b> , 263, 113-119	5.3	9
105	Synthesis, characterization and thermal transport properties of heteroleptic N-alkyl triazenide complexes of titanium(IV) and niobium(V). <i>Polyhedron</i> , <b>2018</b> , 152, 84-89	2.7	5
104	Modeling Energy Migration for Upconversion Materials. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 888-893	3.9	12
103	Chemical Vapor Deposition of Al <sub>13</sub> Fe <sub>4</sub> Highly Selective Catalytic Films for the Semi-Hydrogenation of Acetylene. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2018</b> , 215, 1700692	1.6	5
102	TiO <sub>2</sub> -Based Hybrid Nanocomposites Modified by Phosphonate Molecules as Selective PAH Adsorbents. <i>Molecules</i> , <b>2018</b> , 23,	4.8	4
101	Shape Controllable Preparation of Submicronic Cadmium Tetrazole-Based Metal-Organic Frameworks via Solvothermal or Microwave-Assisted Methods and Their Photocatalytic Studies. <i>Chinese Journal of Chemistry</i> , <b>2017</b> , 35, 209-216	4.9	5
100	Reduced {001}-TiO photocatalysts: noble-metal-free CO photoreduction for selective CH evolution. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 13875-13881	3.6	42
99	Pressure-Induced Disordering in SnO <sub>2</sub> Nanoparticles. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 15463-15471	3.8	15
98	Asymmetrically substituted triazenes as poor electron donor ligands in the precursor chemistry of iron(II) for iron-based metallic and intermetallic nanocrystals. <i>Dalton Transactions</i> , <b>2017</b> , 46, 13055-13064	4.3	9
97	Zn-Assisted TiO <sub>2</sub> Photocatalyst with Efficient Charge Separation for Enhanced Photocatalytic Activities. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 17068-17076	3.8	22
96	Intense visible emission from ZnO/PAAX (X = H or Na) nanocomposite synthesized via a simple and scalable sol-gel method. <i>Scientific Reports</i> , <b>2016</b> , 6, 23557	4.9	24
95	A Facile Molecular Precursor-based Synthesis of Ag <sub>2</sub> Se Nanoparticles and Its Composites with TiO <sub>2</sub> for Enhanced Photocatalytic Activity. <i>Chemistry - an Asian Journal</i> , <b>2016</b> , 11, 1658-63	4.5	19
94	Structural isomers of iron(III) N-methyl diethanolamine as sol-gel precursors for iron-based oxide nanomaterials. <i>RSC Advances</i> , <b>2016</b> , 6, 1738-1743	3.7	17
93	Metal-Organic Derivatives with Fluorinated Ligands as Precursors for Inorganic Nanomaterials. <i>Chemical Reviews</i> , <b>2015</b> , 115, 8379-448	68.1	112
92	Influence of Na <sup>+</sup> ion doping on the phase change and upconversion emissions of the GdF <sub>3</sub> : Yb <sup>3+</sup> , Tm <sup>3+</sup> nanocrystals obtained from the designed molecular precursors. <i>RSC Advances</i> , <b>2015</b> , 5, 100535-100545	2.7	18
91	A convenient and quantitative route to Sn(IV)-M [M = Ti(IV), Nb(V), Ta(V)] heterobimetallic precursors for dense mixed-metal oxide ceramics. <i>Dalton Transactions</i> , <b>2015</b> , 44, 6848-62	4.3	17

90	Surface modification of titanium oxide nanoparticles with chelating molecules: New recognition devices for controlling the selectivity towards lanthanides ionic separation. <i>Separation and Purification Technology</i> , <b>2015</b> , 147, 220-226	8.3	12
89	Thermodynamics of nanoparticles: experimental protocol based on a comprehensive Ginzburg-Landau interpretation. <i>Nano Letters</i> , <b>2014</b> , 14, 269-76	11.5	14
88	Novel barium-organic incorporated iodometalates: do they have template properties for constructing rare heterotrimetallic hybrids?. <i>Inorganic Chemistry</i> , <b>2014</b> , 53, 11721-31	5.1	52
87	Direct synthesis of hexagonal NaGdF <sub>4</sub> nanocrystals from a single-source precursor: upconverting NaGdF <sub>4</sub> Yb <sup>3+</sup> , Tm <sup>3+</sup> and its composites with TiO <sub>2</sub> for near-IR-driven photocatalysis. <i>Chemistry - an Asian Journal</i> , <b>2014</b> , 9, 2415-21	4.5	39
86	Modification of acid-base properties of TiO <sub>2</sub> by Nb and Mg dopants: Influence on the activity of Pd/Cu/(Mg, Nb)/TiO <sub>2</sub> catalysts for nitrate hydrogenation. <i>Applied Catalysis A: General</i> , <b>2013</b> , 467, 414-420	5.1	16
85	Synthesis and structural characterization of some titanium butoxides modified with chloroacetic acids. <i>Transition Metal Chemistry</i> , <b>2013</b> , 38, 835-841	2.1	5
84	Synthesis of 2-(arylamino)ethyl phosphonic acids via the aza-Michael addition on diethyl vinylphosphonate. <i>Tetrahedron</i> , <b>2013</b> , 69, 115-121	2.4	7
83	A Single Source Precursor Route to Group 13 Homo- and Heterometallic Oxides as Highly Active Supports for Gold-Catalyzed Aerobic Epoxidation of trans-Stilbene. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 500-510	2.3	23
82	Amorphization in Nanoparticles. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 11133-11140	3.8	40
81	ZnO nanoparticles as a luminescent down-shifting layer for photosensitive devices. <i>Journal of Semiconductors</i> , <b>2013</b> , 34, 053005	2.3	6
80	SH-functionalized cubic mesostructured silica as a support for small gold nanoparticles. <i>RSC Advances</i> , <b>2013</b> , 3, 725-728	3.7	14
79	A molecular precursor approach to monodisperse scintillating CeF <sub>3</sub> nanocrystals. <i>Dalton Transactions</i> , <b>2013</b> , 42, 12633-43	4.3	28
78	Characterization of nitrogen-doped TiO <sub>2</sub> thin films for photovoltaic applications <b>2013</b> ,		2
77	One-pot deposition of palladium on hybrid TiO <sub>2</sub> nanoparticles and catalytic applications in hydrogenation. <i>Journal of Colloid and Interface Science</i> , <b>2012</b> , 369, 309-16	9.3	14
76	Solid-state structural transformations in metal organic-inorganic hybrids constructed from terbium(III) complexes and iodocuprate clusters. <i>CrystEngComm</i> , <b>2012</b> , 14, 3894	3.3	19
75	Novel heterometal-organic complexes as first single source precursors for up-converting NaY(Ln)F <sub>4</sub> (Ln = Yb, Er, Tm) nanomaterials. <i>Dalton Transactions</i> , <b>2012</b> , 41, 1490-502	4.3	49
74	Heterometallic, Hybrid, Heavy Main-Group Iodometallates Containing Lanthanide Complexes: Template Synthesis, Structures, Thermal, Optical, Luminescent and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2012</b> , 2012, 2749-2758	2.3	32
73	Atomic Layer Deposition of TiO <sub>2</sub> ultrathin films on 3D substrates for energy applications. <i>Materials Research Society Symposia Proceedings</i> , <b>2012</b> , 1439, 63-68		2

72	New synthesis approach for hybrid Gd(III)-loaded Nanocrystalline TiO <sub>2</sub> as potential magnetic resonance imaging contrast agents. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2011</b> , 11, 9237-43	1.3	3
71	Conformal atomic layer deposition of TA-based diffusion barrier film using a novel mono-guanidinate precursor. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2011</b> , 11, 8383-6	1.3	3
70	Interface Energy Impact on Phase Transitions: The Case of TiO <sub>2</sub> Nanoparticles. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 22286-22291	3.8	27
69	(Invited) Developments of ALD Processes: Experiments and Thermodynamic Evaluations. <i>ECS Transactions</i> , <b>2010</b> , 33, 321-332	1	2
68	ALD TaN from PDMAT in TSV Architectures. <i>ECS Transactions</i> , <b>2010</b> , 33, 183-193	1	2
67	Pressure-induced polyamorphism in TiO <sub>2</sub> nanoparticles. <i>Physical Review B</i> , <b>2010</b> , 82,	3.3	41
66	Novel heteroleptic heterobimetallic alkoxide complexes as facile single-source precursors for Ta(5+) doped TiO(2)-SnO(2) nanoparticles. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 11184-9	5.1	29
65	Internalisation of hybrid titanium dioxide/para-amino benzoic acid nanoparticles in human dendritic cells did not induce toxicity and changes in their functions. <i>Toxicology Letters</i> , <b>2010</b> , 199, 34-42	4.4	21
64	Heterometallic Na-Y(Ln) trifluoroacetate diglyme complexes as novel single-source precursors for upconverting NaYF <sub>4</sub> nanocrystals co-doped with Yb and Er/Tm ions. <i>Chemical Communications</i> , <b>2010</b> , 46, 3756-8	5.8	41
63	Aerobic methylcyclohexane-promoted epoxidation of stilbene over gold nanoparticles supported on Gd-doped titania. <i>Dalton Transactions</i> , <b>2010</b> , 39, 8457-63	4.3	35
62	Aminoalkoxo-supported heteroleptic hexanuclear gallium(III) wheel as a synthon for group 13 heterometallics: a rare sol-gel precursor for mixed Al-Ga oxide as support for gold catalysts. <i>Dalton Transactions</i> , <b>2010</b> , 39, 7440-3	4.3	22
61	One-Pot deposition of palladium on hybrid TiO <sub>2</sub> nanoparticles: Application for the hydrogenation of cinnamaldehyde. <i>Studies in Surface Science and Catalysis</i> , <b>2010</b> , 175, 605-608	1.8	3
60	Dimethyl selenide complexes of copper, gallium and indium halides as potential precursors for selenium-containing chalcopyrite semiconducting materials. <i>Polyhedron</i> , <b>2010</b> , 29, 500-506	2.7	29
59	Syntheses and structures of novel hafnium chloroamido mono-amidinate and mono-guanidinate as precursors for HfO <sub>2</sub> thin film. <i>Polyhedron</i> , <b>2010</b> , 29, 2522-2526	2.7	12
58	Remarkable Influence of molecular structure of N,N,Runsymmetrically substituted 1,3-amidinate and -guanidinate on the Volatility and the Thermal Stability of Precursors for HfO <sub>2</sub> Films via Liquid Injection-MOCVD. <i>ECS Transactions</i> , <b>2009</b> , 25, 151-158	1	8
57	Inelastic neutron scattering study of the coordination of para-amino benzoic acid molecules to the surface of nanocrystalline titania particles. <i>Chemical Physics Letters</i> , <b>2009</b> , 472, 65-68	2.5	6
56	Thermal dehydration of Y(TFA) <sub>3</sub> (H <sub>2</sub> O) <sub>3</sub> : Synthesis and molecular structures of [Y(μ <sub>3</sub> -TFA) <sub>3</sub> (THF)(H <sub>2</sub> O)] <sub>1</sub> ⊂THF and [Y <sub>4</sub> (μ <sub>3</sub> -OH) <sub>4</sub> (μ <sub>3</sub> -TFA) <sub>6</sub> (μ <sub>2</sub> -TFA)(μ <sub>2</sub> -TFA)(THF) <sub>3</sub> (DMSO)(H <sub>2</sub> O)] <sub>1</sub> ⊂6THF (TFA=trifluoroacetate). <i>Inorganic Chemistry Communication</i> , <b>2009</b> , 12, 97-100	3.1	22
55	Homoleptic gallium(III) and indium(III) aminoalkoxides as precursors for sol-gel routes to metal oxide nanomaterials. <i>Dalton Transactions</i> , <b>2009</b> , 2569-77	4.3	30

54	Design of hybrid titania nanocrystallites as supports for gold catalysts. <i>Chemical Communications</i> , <b>2009</b> , 3116-8	5.8	26
53	Lanthanide complexes in hybrid halometallate materials: interconversion between a novel 2D microporous framework and a 1D zigzag chain structure of iodoargentates templated by octakis-solvated terbium(III) cation. <i>Dalton Transactions</i> , <b>2009</b> , 4954-61	4.3	41
52	The Perovskite SrTiO <sub>3</sub> on Si/SiO <sub>2</sub> by Liquid Injection MOCVD. <i>ECS Transactions</i> , <b>2009</b> , 19, 669-684	1	2
51	Practical oxidation of sulfides to sulfones by H <sub>2</sub> O <sub>2</sub> catalysed by titanium catalyst. <i>Green Chemistry</i> , <b>2008</b> , 10, 447	10	57
50	Reactions of metal iodides as a simple route to heterometallics: synthesis, structural transformations, thermal and luminescent properties of novel hybrid iodoargentate derivatives templated by [YL <sub>8</sub> ] <sup>3+</sup> or [YL <sub>7</sub> ] <sup>3+</sup> cations (L = DMF or DMSO). <i>Dalton Transactions</i> , <b>2008</b> , 6296-304	4.3	51
49	Rare example of a polynuclear heterometallic yttrium(III)-copper(I) iodide cluster with a [Y <sub>6</sub> (β-O)(β-OH) <sub>8</sub> ] <sup>8+</sup> core structure showing single crystal-to-single crystal transformation. <i>CrystEngComm</i> , <b>2008</b> , 10, 814	3.3	29
48	Crystal-to-crystal transformations in heterometallic yttrium(III)-copper(I) iodide derivatives in a confined solvent-free environment: influence of solvated yttrium cations on the nuclearity and dimensionality of iodocuprate clusters. <i>Dalton Transactions</i> , <b>2008</b> , 620-30	4.3	40
47	Solid- and solution phase transformations in novel hybrid iodoplumbate derivatives templated by solvated yttrium complexes. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 9333-43	5.1	47
46	Interaction of Iron Tetrasulfophthalocyanine with TiO <sub>2</sub> Nanoparticles by XPS. <i>Surface Science Spectra</i> , <b>2008</b> , 15, 70-76	1.2	
45	Synthesis of para-Amino Benzoic Acid/TiO <sub>2</sub> Hybrid Nanostructures of Controlled Functionality by an Aqueous One-Step Process. <i>European Journal of Inorganic Chemistry</i> , <b>2008</b> , 2008, 980-987	2.3	29
44	Metal 2-ethylhexanoates and related compounds as useful precursors in materials science. <i>Chemical Society Reviews</i> , <b>2007</b> , 36, 1770-87	58.5	69
43	Hydrolysis of a (2-Propanol)yttrium Triiodide Complex in the Presence of Glymes: Synthesis and X-ray Structures of Hydroxo-Bridged Dinuclear Yttrium Complexes and Their Applications in Materials Science. <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 2208-2215	2.3	6
42	Lanthanide molecular oxohydroxides: Synthesis and characterisation of [Y <sub>4</sub> (β-O)(EDET) <sub>2</sub> (D-AAA) <sub>2</sub> (L-AAA) <sub>3</sub> ] <sub>2</sub> (β-OH) <sub>4</sub> (β-OEt) <sub>2</sub> (HAAA=allylacetatoacetate). <i>Inorganic Chemistry Communication</i> , <b>2007</b> , 10, 143-147	3.1	10
41	Cost efficient synthesis of bismuth aminoalkoxides from bismuth oxide: Molecular structure of [Bi <sub>2</sub> (mdea) <sub>2</sub> (mdeaH) <sub>2</sub> ](mdeaH) <sub>2</sub> . <i>Inorganic Chemistry Communication</i> , <b>2007</b> , 10, 80-83	3.1	14
40	Photocatalytic degradation and mineralization of a malodorous compound (dimethyldisulfide) using a continuous flow reactor. <i>Catalysis Today</i> , <b>2007</b> , 122, 160-167	5.3	29
39	Hexakis[μ-4-[2-(diisopropylamino)ethylamino]pent-3-en-2-onato-βN,O:O]tricalcium(II) hexane solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, m2049-m2050		
38	New Hybrid TiO <sub>2</sub> Nano-structured Materials for Lanthanides Separation. <i>Chemistry Letters</i> , <b>2007</b> , 36, 1364-1365		
37	Preparations of nano-particles, nano-composites and fibers of ZnO from an amide precursor: Photocatalytic decomposition of (CH <sub>3</sub> ) <sub>2</sub> S <sub>2</sub> in a continuous flow reactor. <i>Materials Research Bulletin</i> , <b>2006</b> , 41, 2210-2218	5.1	12

- 36 Combination of two catalytic sites in a novel nanocrystalline TiO<sub>2</sub> on tetrasulfophthalocyanine material provides better catalytic properties. *New Journal of Chemistry*, **2005**, 29, 1245 3.6 39
- 35 Effect of titanium additives on the growth of tellurium dioxide crystals in a sol-gel process. *Materials Letters*, **2005**, 59, 2379-2382 3.3 11
- 34 Single-Step Synthesis of Nanocrystalline Doped-Lanthanum Hydroxide Materials from Heterometallic Alkoxides. *Journal of Sol-Gel Science and Technology*, **2005**, 35, 57-64 2.3 6
- 33 Synthesis, characterisation and thermal decomposition study of cerium(IV) 2-(2'-hydroxyphenyl)-2-oxazoline derivatives. *Polyhedron*, **2004**, 23, 1467-1472 2.7 7
- 32 Molecular structure of [Y<sub>4</sub>(β,β'-OR)<sub>3</sub>(η<sup>2</sup>-OR)<sub>2</sub>(η<sup>1</sup>-OR)<sub>4</sub>(η<sup>1</sup>-OR)<sub>3</sub>]<sub>2</sub> R=C<sub>2</sub>H<sub>4</sub>OPri, an homoleptic alkoxide with three different coordination numbers. *Inorganic Chemistry Communication*, **2004**, 7, 751-755 3.1 7
- 31 From molecules to materials: some examples in yttrium and lanthanide chemistry. *Comptes Rendus Chimie*, **2004**, 7, 521-527 2.7 9
- 30 Synthesis of nanocrystalline Y<sub>2</sub>O<sub>3</sub>/Pr<sup>3+</sup> from heterometallic alkoxide via sol-gel process. *Materials Letters*, **2004**, 58, 1989-1992 3.3 9
- 29 Synthesis, characterisation and grafting onto silica of alkoxide-bridged lanthanum complexes. Molecular structure of La(OC<sub>6</sub>H<sub>3</sub>-2,6-Me<sub>2</sub>)<sub>2</sub>(η<sup>1</sup>-O<sub>3</sub>SCF<sub>3</sub>)(tetraglyme). *Polyhedron*, **2003**, 22, 127-132 2.7 8
- 28 π-Exchange bonding mode of bidentate tmeda ligand. Molecular structure of [Y(tmhd)<sub>3</sub>]<sub>2</sub>(tmeda). *Inorganic Chemistry Communication*, **2003**, 6, 1039-1043 3.1 2
- 27 Low temperature and aqueous sol-gel deposit of photocatalytic active nanoparticulate TiO<sub>2</sub>. *Journal of Materials Chemistry*, **2003**, 13, 342-346 6.9
- 26 Molecular structure of [In<sub>2</sub>(η<sup>1</sup>-OR)(η<sup>2</sup>-OR)(η<sup>2</sup>-OR)<sub>3</sub>(η<sup>1</sup>-OR)] R=C<sub>2</sub>H<sub>4</sub>NMe<sub>2</sub>, a pincer ligand. *Inorganic Chemistry Communication*, **2002**, 5, 347-350 3.1 13
- 25 Molecular structures of volatile Ce(IV) tetrafluoroisopropoxide complexes with TMEDA and diglyme. CVD experiments. *Polyhedron*, **2002**, 21, 1985-1990 2.7 28
- 24 Functional homo- and heterometallic alkoxides as precursors for sol-gel routes to transparent ZnGa<sub>2</sub>O<sub>4</sub> coatings. *Journal of Materials Chemistry*, **2002**, 12, 2519-2524 2.3
- 23 Synthesis and structures of dinuclear low-coordinate lithium and zirconium(IV) complexes derived from the diamido ligands 1,3-(CH<sub>2</sub>C<sub>6</sub>H<sub>3</sub>R)<sub>2</sub>C<sub>6</sub>H<sub>4</sub>(R<sub>1</sub>= Me or Pri). *Dalton Transactions RSC*, **2002**, 3980-3984 10
- 22 Calcium tetramethylheptanedionate adducts with N-donor ligands. Molecular structure of a dimeric and volatile adduct Ca<sub>2</sub>(η<sup>2</sup>-thd)(η<sup>2</sup>-thd)<sub>3</sub>(η<sup>2</sup>-bipy). *Polyhedron*, **2001**, 20, 1065-1070 2.7 6
- 21 Synthesis and characterization of niobium(V) and tantalum(V) derivatives with diamido ligands. Molecular structure of {4,5-Me<sub>2</sub>-o-C<sub>6</sub>H<sub>2</sub>(NSiMe<sub>3</sub>)<sub>2</sub>]<sub>2</sub>NbCl and of a tantalum imide. *Polyhedron*, **2001**, 20, 2405-2414 2.7 15
- 20 Surface Segregation Study of Transparent ZnGa<sub>2</sub>O<sub>4</sub> Films by XPS. *Surface Science Spectra*, **2001**, 8, 303-311 2
- 19 Synthesis and structures of crystalline dilithium diamides and aminolithium amides derived from N,N'-disubstituted 1,2-diaminobenzenes or 1,8-diaminonaphthalene. *Dalton Transactions RSC*, **2001**, 3179-3188 4.3

18	Synthesis, structures and catalytic properties of chelating N,N'-bis(silylated) 1,2-benzenediamidozirconium(IV) chlorides [and a titanium(IV) analogue] and dimethylamides. <i>Dalton Transactions RSC</i> , <b>2001</b> , 13-19		33
17	Synthesis, characterisation and X-ray structures of yttrium, barium and copper(II) $\beta$ -ketoesterate complexes. <i>Inorganica Chimica Acta</i> , <b>2000</b> , 304, 99-107	2.7	7
16	Thermal condensation of trinuclear lanthanide butoxides. Molecular structure of $\text{La}_5(\beta\text{-O})(\beta\text{-OtBu})_4(\text{EtOtBu})_4(\text{OtBu})_5$ . <i>Inorganic Chemistry Communication</i> , <b>2000</b> , 3, 218-220	3.1	39
15	Reactions of coordinated alcohol as a route to mixed-metal $\text{La}_n\text{Zn}$ alkoxides: molecular structure of $\text{LaZn}_3(\text{EtO})_6[\text{N}(\text{SiMe}_3)_2]_3$ . <i>Polyhedron</i> , <b>1998</b> , 17, 4249-4256	2.7	11
14	Synthesis and Characterization of Ruthenium Terpyridine Dioxolene Complexes: Resonance Equilibrium between Ru(II)catechol and Ru(II)semiquinone Forms. <i>Bulletin of the Chemical Society of Japan</i> , <b>1998</b> , 71, 867-875	5.1	41
13	Microstructure of $\text{BaTiO}_3$ and $\text{SrTiO}_3$ layers obtained by injection MOCVD. <i>European Physical Journal Special Topics</i> , <b>1998</b> , 08, Pr9-247-Pr9-250		3
12	Solution routes to lead titanate: synthesis, molecular structure and reactivity of the $\text{PbTi}$ and $\text{PbZr}$ species formed between various lead oxide precursors and titanium or zirconium alkoxides. Molecular structure of $\text{Pb}_2\text{Ti}_2(\mu_4\text{-O})(\text{OAc})_2(\text{OPri})_8$ and of $\text{PbZr}_3(\mu_4\text{-O})(\text{OAc})_2(\text{OPri})_{10}$ . <i>Journal of Materials Chemistry</i> , <b>1997</b> , 7, 753-762		37
11	The Quest for Single-Source Precursors for $\text{BaTiO}_3$ and $\text{SrTiO}_3$ . <i>Journal of Sol-Gel Science and Technology</i> , <b>1997</b> , 8, 49-53	2.3	
10	The quest for single-source precursors for $\text{BaTiO}_3$ and $\text{SrTiO}_3$ . <i>Journal of Sol-Gel Science and Technology</i> , <b>1997</b> , 8, 49-53	2.3	10
9	Praseodymium alkoxide chemistry: synthesis and molecular structure of $[\text{Pr}_4(\beta\text{-O})_2(\beta, \mu\text{-OR})_2(\mu\mu\text{-OR})_4(\mu\mu\text{-OR})(\text{OR})(\text{OPMe}_3)]_2$ (R = $\text{C}_2\text{H}_4\text{OMe}$ ) and $[\text{Y}_4\text{Pr}(\beta\text{-O})(\beta\text{-OR})_4(\text{EtOR})_4(\text{OR})_5]$ (R = Pri). <i>Polyhedron</i> , <b>1997</b> , 16, 1223-1234	2.7	36
8	Building of lanthanide oxoalkoxides: Synthesis and molecular structure of $[\text{Gd}_6(\beta\text{-O})(\beta, \mu\text{-OR})_4(\text{R}, \mu\text{-OR})_6(\mu\text{-OR})_2(\text{OR})_4]$ (R = $\text{C}_2\text{H}_4\text{OMe}$ ). <i>Polyhedron</i> , <b>1996</b> , 15, 1063-1070	2.7	24
7	Water adducts of aryloxides: synthesis and molecular structure of $\text{Pr}[\text{OC}_6\text{H}_2(\text{CH}_2\text{NMe}_2)_{3-2,4,6}]_3(\text{H}_2\text{O})_2$ . <i>Polyhedron</i> , <b>1995</b> , 14, 327-330	2.7	9
6	Single-Source Precursors of Lead Titanate: Synthesis, Molecular Structure and Reactivity of $\text{Pb}_2\text{Ti}_2(\mu_4\text{-O})(\mu_3\text{-O-i-Pr})_2(\mu\text{-O-i-Pr})_4(\text{O-i-Pr})_4$ . <i>Inorganic Chemistry</i> , <b>1995</b> , 34, 628-632	5.1	58
5	Synthesis and molecular structure of $[\text{Sm}_4\text{Ti}(\beta\text{-O})(\beta\text{-OR})_2(\text{EtOR})_6(\text{OR})_6]$ (R = Pri): A novel framework for heteronuclear alkoxides with a 1:4 stoichiometry. <i>Polyhedron</i> , <b>1994</b> , 13, 927-932	2.7	28
4	Controlling the Properties of Bulk Metal Oxides at a Molecular Level: Alkoxides Vs Carboxylates-Alkoxides Routes. <i>Materials Research Society Symposia Proceedings</i> , <b>1994</b> , 346, 21		3
3	Single-source Precursors for $\text{BaTiO}_3$ : Synthesis and Characterization of $\beta$ -Diketonato Alkoxides and Molecular Structure of $\text{Ba}_2\text{Ti}_2(\text{thd})_4(\mu_3\text{-OEt})_2(\mu\text{-OEt})_4(\text{OEt})_2(\text{EtOH})_2$ . <i>Chemistry of Materials</i> , <b>1994</b> , 6, 2336-2342	9.6	44
2	Activation of lanthanide acetates via heterometallic alkoxides: Synthesis and molecular structure of $\text{Gd}_2\text{Zr}_6(\beta\text{-O})_2(\text{EtOAc})_6(\text{EtOPri})_{10}(\text{OPri})_{10}$ . <i>Polyhedron</i> , <b>1993</b> , 12, 2091-2096	2.7	16
1	Asymmetry-Induced Redistribution in $\text{Sn(IV)Ti(IV)}$ Hetero-Bimetallic Alkoxide Precursors and Its Impact on Thin-Film Deposition by Metal-Organic Chemical Vapor Deposition. <i>Crystal Growth and Design</i> ,	3.5	0



