

# Thierry Toupance

## 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.

136  
papers

4,047  
citations

36  
h-index

57  
g-index

138  
ext. papers

4,513  
ext. citations

5.8  
avg. IF

5.25  
L-index

#	Paper	IF	Citations
136	Remarkable 8.3% efficiency and extended electron lifetime towards highly stable semi-transparent iodine-free DSSCs by mitigating the in-situ triiodide generation. <i>Chemical Engineering Journal</i> , <b>2022</b> , 136777	14.7	2
135	Photoelectrochemical properties of WO <sub>3</sub> -modified anatase TiO <sub>2</sub> photoanodes and application for dye-sensitized solar cells. <i>Surfaces and Interfaces</i> , <b>2021</b> , 27, 101543	4.1	2
134	Sensing of Airborne Infochemicals for Green Pest Management: What Is the Challenge?. <i>ACS Sensors</i> , <b>2021</b> , 6, 3824-3840	9.2	1
133	pH-Mediated Colorimetric and Luminescent Sensing of Aqueous Nitrate Anions by a Platinum(II) Luminophore@Mesoporous Silica Composite. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 16197-16209	9.5	6
132	Incorporating W cations into ZnO nanosheets: an efficient method towards ZnO/ZnWO <sub>4</sub> photocatalysts for highly effective degradation of organic compounds under UV and visible-light irradiation. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 11051-11067	3.6	1
131	Biomass-derived carbon electrodes for supercapacitors and hybrid solar cells: towards sustainable photo-supercapacitors. <i>Sustainable Energy and Fuels</i> , <b>2021</b> , 5, 4784-4806	5.8	2
130	Plasticized I <sub>2</sub> -free polysiloxane ionic conductors as electrolytes for stable and flexible solid-state dye-sensitized solar cells. <i>Applied Surface Science Advances</i> , <b>2021</b> , 5, 100120	2.6	1
129	Graphite-type activated carbon from coconut shell: a natural source for eco-friendly non-volatile storage devices.. <i>RSC Advances</i> , <b>2021</b> , 11, 2854-2865	3.7	13
128	Pinning of the Fermi Level in CuFeO <sub>2</sub> by Polaron Formation Limiting the Photovoltage for Photochemical Water Splitting. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 1910432	15.6	23
127	p-Doping of a Hole Transport Material via a Poly(ionic liquid) for over 20% Efficiency and Hysteresis-Free Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , <b>2020</b> , 3, 1393-1401	6.1	31
126	Computational design of new organic (D <sub>A</sub> ) dyes based on benzothiadiazole for photovoltaic applications, especially dye-sensitized solar cells. <i>Research on Chemical Intermediates</i> , <b>2020</b> , 46, 3247-3262	2.8	12
125	Rapid synthesis of ultra-long silver nanowires for high performance transparent electrodes. <i>Nanoscale Advances</i> , <b>2020</b> , 2, 3804-3808	5.1	8
124	Sunlight Selective Photodeposition of CoO(OH) and NiO(OH) on Truncated Bipyramidal BiVO <sub>4</sub> for Highly Efficient Photocatalysis. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> ,	9.5	10
123	Analysis of the interfacial characteristics of BiVO <sub>4</sub> /metal oxide heterostructures and its implication on their junction properties. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 5086-5096	3.6	43
122	H <sub>2</sub> -Evolving Dye-Sensitized Photocathode Based on a RutheniumDiacetylide/Cobaloxime Supramolecular Assembly. <i>ACS Applied Energy Materials</i> , <b>2019</b> , 2, 4971-4980	6.1	18
121	Tuning bimodal porosity in TiO <sub>2</sub> photoanodes towards efficient solid-state dye-sensitized solar cells comprising polysiloxane-based polymer electrolyte. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 273, 226-234	5.3	12
120	Nickel Oxide Selectively Deposited on the {101} Facet of Anatase TiO <sub>2</sub> Nanocrystal Bipyramids for Enhanced Photocatalysis. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 4793-4803	5.6	16

119	Post-functionalization of polyvinylcarbazoles: An open route towards hole transporting materials for perovskite solar cells. <i>Solar Energy</i> , <b>2019</b> , 193, 878-884	6.8	5
118	Electrochemical detection of 2-nitrophenol using a heterostructure ZnO/RuO nanoparticle modified glassy carbon electrode.. <i>RSC Advances</i> , <b>2019</b> , 10, 122-132	3.7	25
117	Bimodal titanium oxide photoelectrodes with tuned porosity for improved light harvesting and polysiloxane-based polymer electrolyte infiltration. <i>Solar Energy</i> , <b>2019</b> , 178, 98-107	6.8	7
116	Finely Tuned SnO Nanoparticles for Efficient Detection of Reducing and Oxidizing Gases: The Influence of Alkali Metal Cation on Gas-Sensing Properties. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 10173-10184	9.5	36
115	Material challenges for solar cells in the twenty-first century: directions in emerging technologies. <i>Science and Technology of Advanced Materials</i> , <b>2018</b> , 19, 336-369	7.1	102
114	New n-type molecular semiconductor/doped insulator (MSDI) heterojunctions combining a triphenyldioxazine (TPDO) and the lutetium bisphthalocyanine (LuPc2) for ammonia sensing. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 255, 1694-1700	8.5	18
113	Electrochemical and Spectroelectrochemical Behavior of a Tetracyanotriphenyldioxazine in Solution and Thin-Films. <i>ChemElectroChem</i> , <b>2018</b> , 5, 2863-2872	4.3	
112	Ionic-Liquid-like Polysiloxane Electrolytes for Highly Stable Solid-State Dye-Sensitized Solar Cells. <i>ACS Applied Energy Materials</i> , <b>2018</b> , 1, 4106-4114	6.1	7
111	Energy-Band Alignment of BiVO4 from Photoelectron Spectroscopy of Solid-State Interfaces. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 20861-20870	3.8	22
110	Supercritical CO2-assisted deposition of NiO on (101)-anatase-TiO2 for efficient facet engineered photocatalysts. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 18649-18658	3.6	7
109	The Work Function of TiO2. <i>Surfaces</i> , <b>2018</b> , 1, 73-89	2.9	84
108	Fermi Level Positions and Induced Band Bending at Single Crystalline Anatase (101) and (001) Surfaces: Origin of the Enhanced Photocatalytic Activity of Facet Engineered Crystals. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1802195	21.8	23
107	Discovering the Determining Parameters for the Photocatalytic Activity of TiO2 Colloids Based on an Anomalous Dependence on the Specific Surface Area. <i>Particle and Particle Systems Characterization</i> , <b>2018</b> , 35, 1800216	3.1	5
106	Molecular engineering of ruthenium-diacetylde organometallic complexes towards efficient green dye for DSSC. <i>Dyes and Pigments</i> , <b>2018</b> , 158, 326-333	4.6	8
105	CeO2 nanopowders as solid sorbents for efficient CO2 capture/release processes. <i>Journal of CO2 Utilization</i> , <b>2017</b> , 20, 52-58	7.6	23
104	Combined computational and experimental study of carbazole dyes for iodide- and cobalt-based ZnO DSSCs. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2017</b> , 341, 69-77	4.7	16
103	Influence of zinc doping on the photocatalytic activity of nanocrystalline SnO2 particles synthesized by the polyol method for enhanced degradation of organic dyes. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 729, 638-647	5.7	24
102	Band alignment investigations of heterostructure NiO/TiO2 nanomaterials used as efficient heterojunction earth-abundant metal oxide photocatalysts for hydrogen production. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 19279-19288	3.6	73

101	Vanadium doped SnO <sub>2</sub> nanoparticles for photocatalytic degradation of methylene blue. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 15826-15834	2.1	24
100	Infrared absorption by molecular gases to probe porous materials and comparisons with other techniques. <i>Microporous and Mesoporous Materials</i> , <b>2017</b> , 237, 31-37	5.3	11
99	Design and synthesis of novel organometallic dyes for NiO sensitization and photo-electrochemical applications. <i>Dalton Transactions</i> , <b>2016</b> , 45, 12539-47	4.3	18
98	Effect of hydrolysis ratio on structural, optical and electrical properties of SnO <sub>2</sub> nanoparticles synthesized by polyol method. <i>Optical Materials</i> , <b>2016</b> , 58, 142-150	3.3	13
97	Efficiency enhancement in solid state dye sensitized solar cells by including inverse opals with controlled layer thicknesses. <i>Photonics and Nanostructures - Fundamentals and Applications</i> , <b>2016</b> , 21, 13-18	2.6	6
96	Push-pull ruthenium diacetylide complexes: new dyes for p-type dye-sensitized solar cells. <i>RSC Advances</i> , <b>2016</b> , 6, 19928-19936	3.7	29
95	Structural and optical properties of vanadium doped SnO <sub>2</sub> nanoparticles synthesized by the polyol method. <i>Optical Materials</i> , <b>2016</b> , 54, 139-146	3.3	26
94	A TIPS-TPDO-tetraCN-Based n-Type Organic Field-Effect Transistor with a Cross-linked PMMA Polymer Gate Dielectric. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 14701-8	9.5	43
93	Textural, structural and electrical properties of SnO <sub>2</sub> nanoparticles prepared by the polyol method. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2015</b> , 26, 1612-1618	2.1	15
92	Nitrile Substitution Effect on Triphenodioxazine-Based Materials for Liquid-Processed Air-Stable n-Type Organic Field Effect Transistors. <i>Advanced Electronic Materials</i> , <b>2015</b> , 1, 1500072	6.4	18
91	Modifying the Flexibility of Water Cages by Co-Including Acidic Species within Clathrate Hydrate. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 8904-8911	3.8	12
90	New Insights into the Photocatalytic Properties of RuO <sub>2</sub> /TiO <sub>2</sub> Mesoporous Heterostructures for Hydrogen Production and Organic Pollutant Photodecomposition. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 7006-7015	3.8	61
89	Molecular engineering of carbazole-fluorene sensitizers for high open-circuit voltage DSSCs: Synthesis and performance comparison with iodine and cobalt electrolytes. <i>Dyes and Pigments</i> , <b>2015</b> , 118, 76-87	4.6	14
88	Tuning visible-light absorption properties of Ru <sup>II</sup> diacetylide complexes: simple access to colorful efficient dyes for DSSCs. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 18256-18264	13	30
87	Effect of Thermal Treatment on the Textural Properties of CeO <sub>2</sub> Powders Synthesized in Near- and Supercritical Alcohols. <i>ChemPhysChem</i> , <b>2015</b> , 16, 3493-9	3.2	12
86	Improved photocatalytic activity in RuO <sub>2</sub> -ZnO nanoparticulate heterostructures due to inhomogeneous space charge effects. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 5090-102	3.6	59
85	Room Temperature UV treated WO <sub>3</sub> thin films for electrochromic devices on paper substrate. <i>Electrochimica Acta</i> , <b>2014</b> , 129, 113-119	6.7	42
84	Functionalization of a ruthenium-diacetylide organometallic complex as a next-generation push-pull chromophore. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 7017-24	4.8	29

83	New synthetic routes towards soluble and dissymmetric triphenodioxazine dyes designed for dye-sensitized solar cells. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 3678-88	4.8	15
82	CeO <sub>2</sub> nanocrystals from supercritical alcohols: new opportunities for versatile functionalizations?. <i>Langmuir</i> , <b>2014</b> , 30, 5965-72	4	39
81	Hybrid organotin and tin oxide-based thin films processed from alkynylorganotin: synthesis, characterization, and gas sensing properties. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 17093-101	9.5	24
80	Tetrazole as a New Anchoring Group for the Functionalization of TiO <sub>2</sub> Nanoparticles: A Joint Experimental and Theoretical Study. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 10677-10685	3.8	41
79	One-pot easily-processed TiO <sub>2</sub> macroporous photoanodes (Ti-HIPE) for dye-sensitized solar cells. <i>Solid State Sciences</i> , <b>2014</b> , 28, 81-89	3.4	5
78	Low Temperature Preparation Routes of Nanoporous Semi-Conducting Films for Flexible Dye-Sensitized Solar Cells. <i>ACS Symposium Series</i> , <b>2013</b> , 143-172	0.4	1
77	Size and shape fine-tuning of SnO <sub>2</sub> nanoparticles for highly efficient and stable dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 13789	13	61
76	Silica-anchored organotin trichloride: a recyclable and clean organotin catalyst for transesterification reactions. <i>Dalton Transactions</i> , <b>2013</b> , 42, 9764-70	4.3	8
75	Structure and absorption properties of the C212 dye chemisorbed onto the TiO <sub>2</sub> (101) anatase surface. <i>Chemical Physics Letters</i> , <b>2013</b> , 556, 151-157	2.5	20
74	Oligocarbazole-based chromophores for efficient thin-film dye-sensitized solar cells. <i>ChemSusChem</i> , <b>2013</b> , 6, 993-6	8.3	15
73	Preparation of RuO <sub>2</sub> /TiO <sub>2</sub> Mesoporous Heterostructures and Rationalization of Their Enhanced Photocatalytic Properties by Band Alignment Investigations. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 22098-22110	3.8	128
72	Improved electrochromic performances of NiO based thin films by lithium addition: From single layers to devices. <i>Electrochimica Acta</i> , <b>2012</b> , 74, 46-52	6.7	87
71	TIPS-triphenodioxazine versus TIPS-pentacene: Enhanced electron mobility for n-type organic field-effect transistors. <i>Organic Electronics</i> , <b>2012</b> , 13, 1392-1400	3.5	27
70	Near- and supercritical alcohols as solvents and surface modifiers for the continuous synthesis of cerium oxide nanoparticles. <i>Langmuir</i> , <b>2012</b> , 28, 16656-63	4	77
69	Nanoscaled tin dioxide films processed from organotin-based hybrid materials: an organometallic route toward metal oxide gas sensors. <i>Nanoscale</i> , <b>2012</b> , 4, 6806-13	7.7	38
68	A new route towards nanoporous TiO <sub>2</sub> as powders or thin films from the thermal treatment of titanium-based hybrid materials. <i>Dalton Transactions</i> , <b>2012</b> , 41, 292-9	4.3	9
67	Nanostructured SnO <sub>2</sub> -ZnO heterojunction photocatalysts showing enhanced photocatalytic activity for the degradation of organic dyes. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 7764-73	5.1	415
66	Low-temperature UV processing of nanoporous SnO <sub>2</sub> layers for dye-sensitized solar cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2011</b> , 3, 1485-91	9.5	43

65	Fine-tuning of triarylamine-based photosensitizers for dye-sensitized solar cells. <i>ChemSusChem</i> , <b>2011</b> , 4, 731-6	8.3	25
64	Low-temperature H <sub>2</sub> sensing in self-assembled organotin thin films. <i>Chemical Communications</i> , <b>2011</b> , 47, 1464-6	5.8	20
63	Linear or cross-shaped di(cyclopentadienyltitanium) compounds with aryl or heteroaryl spacers. <i>Dalton Transactions</i> , <b>2011</b> , 40, 457-62	4.3	8
62	Self-assembled titanium-based hybrids with cyclopentadienyl-titanium network bonding. <i>Chemical Communications</i> , <b>2011</b> , 47, 5001-3	5.8	5
61	Image processing for the characterization of porous silicon nanostructure. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , <b>2009</b> , 6, 1675-1679		15
60	A simple route towards low-temperature processing of nanoporous thin films using UV-irradiation: Application for dye solar cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2009</b> , 205, 70-76	4.7	34
59	Immobilization of ionic liquids in translucent tin dioxide monoliths by sol-gel processing. <i>Dalton Transactions</i> , <b>2009</b> , 1307-13	4.3	36
58	A new spacer-induced organization in highly ordered tin-based hybrid materials. <i>Dalton Transactions</i> , <b>2009</b> , 4429-31	4.3	4
57	Low-Temperature UV-Processing of Nanocrystalline Nanoporous Thin TiO <sub>2</sub> Films: An Original Route toward Plastic Electrochromic Systems. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 7260-7267	9.6	44
56	Tin-based hybrid materials with a two-level structural hierarchy. <i>Journal of Sol-Gel Science and Technology</i> , <b>2008</b> , 48, 6-10	2.3	3
55	A discrete unsymmetrically substituted dihydrodioxadistannetane with both $\pi$ and intramolecular $\sigma$ sulfonate bondings. <i>Journal of Organometallic Chemistry</i> , <b>2008</b> , 693, 3383-3386	2.3	2
54	Functional crosslinked polymer particles synthesized by precipitation polymerization for liquid chromatography. <i>Journal of Chromatography A</i> , <b>2008</b> , 1179, 2-8	4.5	38
53	Sn(3) and Sn(10) sulfonate-oxide-hydroxide clusters with two different sulfonate binding modes. <i>Dalton Transactions</i> , <b>2007</b> , 3121-3	4.3	15
52	Synthesis and Characterization of Lipophilic Organotins. Application to the Functionalization of Silica Gel. <i>Organometallics</i> , <b>2007</b> , 26, 5576-5580	3.8	4
51	Alkynylorganotins, versatile precursors of class II hybrid materials. <i>Applied Organometallic Chemistry</i> , <b>2007</b> , 21, 514-520	3.1	7
50	Particle growth of hybrid materials followed by dynamic light scattering. <i>Langmuir</i> , <b>2007</b> , 23, 785-9	4	13
49	$\mu$ Bis(trialkynyltin) Compounds with a Linear or Cross-Shaped Spacer. <i>Organometallics</i> , <b>2007</b> , 26, 3908-3917	3.7	10
48	Fluorine-doped nanocrystalline SnO <sub>2</sub> powders prepared via a single molecular precursor method as anode materials for Li-ion batteries. <i>Journal of Solid State Chemistry</i> , <b>2006</b> , 179, 702-707	3.3	42

47	Organic-inorganic Sn <sub>12</sub> and organic Sn <sub>6</sub> oxide-hydroxide clusters. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 1255-8	16.4	36
46	Organic-Inorganic Sn <sub>12</sub> and Organic Sn <sub>6</sub> Oxide-Hydroxide Clusters. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 1277-1280	3.6	8
45	Tin Dioxide Materials Chemically Modified with Trialkynylorganotins: Functional Nanohybrids for Photovoltaic Applications. <i>Advanced Materials</i> , <b>2006</b> , 18, 1073-1077	24	34
44	A doubly folded spacer in a self-assembled hybrid material. <i>Chemical Communications</i> , <b>2006</b> , 1304-6	5.8	14
43	Bridged Polystannoxane: A New Route toward Nanoporous Tin Dioxide. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 6364-6372	9.6	44
42	New Group 4 Organometallic and Imido Compounds of Diamide-Diamine and Related Dianionic O <sub>2</sub> N <sub>2</sub> -Donor Ligands. <i>Organometallics</i> , <b>2005</b> , 24, 5586-5603	3.8	23
41	Synthesis, Structures, and Reactions of Titanium, Scandium, and Yttrium Complexes of Diamino-bis(phenolate) Ligands: Monomeric, Dimeric, Neutral, Cationic, and Multiply Bonded Derivatives. <i>Organometallics</i> , <b>2005</b> , 24, 309-330	3.8	88
40	Functionalization of Silica Gel with Organotrialkynyltins: New Method of Covalent Attachment of Organic Groups on Silica Gel. <i>Chemistry of Materials</i> , <b>2005</b> , 17, 1803-1811	9.6	15
39	Micro-bead of nano-crystalline F-doped SnO <sub>2</sub> as a sensitive hydrogen gas sensor. <i>Sensors and Actuators B: Chemical</i> , <b>2005</b> , 109, 264-269	8.5	53
38	Synthesis and characterization of multi-wall silica nanospheres. <i>Materials Letters</i> , <b>2005</b> , 59, 817-820	3.3	8
37	Alkylchlorotins grafted to cross-linked polystyrene beads by a -(CH <sub>2</sub> ) <sub>n</sub> - spacer (n=4, 6, 11): selective, clean and recyclable catalysts for transesterification reactions. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 2455-61	4.8	32
36	Alkylchlorotins Grafted to Cross-Linked Polystyrene Beads by a -(CH <sub>2</sub> ) <sub>n</sub> - Spacer (n=4, 6, 11): Selective, Clean and Recyclable Catalysts for Transesterification Reactions. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 3500-3500	4.8	2
35	Fluorine-doped tin oxide electrodes for lithium batteries <b>2005</b> , 103-123		
34	Dye-Sensitization of Tin Dioxide via the Functionalization of Oxide Surfaces with Trialkynylorganotins. <i>Materials Research Society Symposia Proceedings</i> , <b>2005</b> , 876, 1		
33	Nanocrystalline F-doped tin dioxide materials: texture, morphology and photosensitization with a perylene-substituted organotin. <i>Journal of Fluorine Chemistry</i> , <b>2004</b> , 125, 1247-1254	2.1	8
32	Photoelectrochemical behaviour of a dye-grafted nanocrystalline SnO <sub>2</sub> powder. <i>Journal of Electroanalytical Chemistry</i> , <b>2004</b> , 572, 249-255	4.1	17
31	Self-assembled tin-based bridged hybrid materials. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 8130-1	16.4	33
30	Studies on the disproportionation of trichloromethyltin. <i>Applied Organometallic Chemistry</i> , <b>2003</b> , 17, 631-634	3.1	5

29	Investigations in the catalytic species of the distannoxane-catalyzed transcarbamoylation. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 5983-5985	2	14
28	New Perylene-Substituted Organotrialkynyltin Compounds for the Photosensitization of Tin Dioxide. <i>Organometallics</i> , <b>2003</b> , 22, 4584-4592	3.8	14
27	Nanocrystalline Mesoporous Tin Dioxide Prepared by the Sol-Gel Route from a Dialkoxydi(β-Diketonato)tin Complex. <i>Chemistry of Materials</i> , <b>2003</b> , 15, 4691-4697	9.6	65
26	Dichlorodistannoxane transesterification catalysts, pure Lewis acids. <i>Chemical Communications</i> , <b>2003</b> , 1428-9	5.8	30
25	Dichlorobis(pyridine-kappa N)bis(3,3,3-trifluoropropyl-kappa C(1))tin(IV). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2002</b> , 58, m363-4		1
24	Efficient bismuth catalysts for transcarbamoylation. <i>Tetrahedron Letters</i> , <b>2002</b> , 43, 6305-6307	2	20
23	Electrochemistry of a new carbon-rich fluorine-doped tin oxide (CFTO) material as a powder electrode in chloride electrolytes. <i>Electrochimica Acta</i> , <b>2002</b> , 47, 1385-1394	6.7	17
22	FLUORINATED ORGANOTINS AS PRECURSORS OF F-DOPED TIN DIOXIDE. <i>Main Group Metal Chemistry</i> , <b>2002</b> , 25,	1.6	6
21	Tin-Based Hybrid Materials as Precursors of Mesoporous Tin Oxide. <i>Materials Research Society Symposia Proceedings</i> , <b>2002</b> , 726, 1		1
20	A General Route to Alkylene-, Arylene-, or Benzylene-Bridged Ditin Hexachlorides and Hexaalkynides. <i>Organometallics</i> , <b>2002</b> , 21, 4590-4594	3.8	29
19	Conditions of Formation of Copper Phyllosilicates in Silica-Supported Copper Catalysts Prepared by Selective Adsorption. <i>Journal of Physical Chemistry B</i> , <b>2002</b> , 106, 2277-2286	3.4	134
18	Zirconium Complexes of DiamineBis(phenolate) Ligands: Synthesis, Structures, and Solution Dynamics. <i>Organometallics</i> , <b>2002</b> , 21, 1367-1382	3.8	79
17	Tin dioxide thin films prepared from a new alkoxyfluorotin complex including a covalent Sn-F bond. <i>Thin Solid Films</i> , <b>2001</b> , 388, 41-49	2.2	48
16	A new single molecular precursor route to fluorine-doped nanocrystalline tin oxide anodes for lithium batteries. <i>Solid State Sciences</i> , <b>2001</b> , 3, 211-214		64
15	Functional Organotin Alkynides as Precursors of Tin-Based Hybrid Materials. <i>Materials Research Society Symposia Proceedings</i> , <b>2000</b> , 628, 1		1
14	Metal Particle Size in Silica-Supported Copper Catalysts. Influence of the Conditions of Preparation and of Thermal Pretreatments. <i>Journal of Physical Chemistry B</i> , <b>2000</b> , 104, 965-972	3.4	107
13	The first mixed-valence fluorotin alkoxides: new sol-gel precursors of fluorine-doped tin oxide materials. <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 3924-7	5.1	30
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