

# Plinio C Innocenzi

## 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.

236  
papers

7,602  
citations

46  
h-index

77  
g-index

247  
ext. papers

8,274  
ext. citations

5.7  
avg, IF

6.36  
L-index

#	Paper	IF	Citations
236	Comparative Evaluation of Graphene Nanostructures in GERS Platforms for Pesticide Detection.. <i>ACS Omega</i> , <b>2022</b> , 7, 5670-5678	3.9	
235	Highly Photostable Carbon Dots from Citric Acid for Bioimaging.. <i>Materials</i> , <b>2022</b> , 15,	3.5	1
234	Improving the Photocatalytic Activity of Mesoporous Titania Films through the Formation of WS/TiO Nano-Heterostructures.. <i>Nanomaterials</i> , <b>2022</b> , 12,	5.4	3
233	Evaporation Induced Self-assembly. <i>Advances in Sol-gel Derived Materials and Technologies</i> , <b>2022</b> , 55-76	0.8	
232	Peering into Evaporation During Self-assembly. <i>Advances in Sol-gel Derived Materials and Technologies</i> , <b>2022</b> , 77-95	0.8	
231	Mesoporous Materials and Self-assembly. <i>Advances in Sol-gel Derived Materials and Technologies</i> , <b>2022</b> , 1-6	0.8	
230	The Chemical-Physical Processes Behind Self-assembly. <i>Advances in Sol-gel Derived Materials and Technologies</i> , <b>2022</b> , 7-40	0.8	
229	Hydrophobic Thin Films from Sol-Gel Processing: A Critical Review. <i>Materials</i> , <b>2021</b> , 14,	3.5	2
228	Citric Acid Derived Carbon Dots, the Challenge of Understanding the Synthesis-Structure Relationship. <i>Journal of Carbon Research</i> , <b>2021</b> , 7, 2	3.3	9
227	Boron Nitride-Titania Mesoporous Film Heterostructures. <i>Langmuir</i> , <b>2021</b> , 37, 5348-5355	4	5
226	Fluorescent carbon dots in solid-state: From nanostructures to functional devices. <i>Progress in Solid State Chemistry</i> , <b>2021</b> , 62, 100295	8	23
225	Hydroxylated boron nitride materials: from structures to functional applications. <i>Journal of Materials Science</i> , <b>2021</b> , 56, 4053-4079	4.3	19
224	Polymerization-Driven Photoluminescence in Alkanolamine-Based C-Dots. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 2543-2550	4.8	5
223	Reactivity of silanol group on siloxane oligomers for designing molecular structure and surface wettability. <i>Journal of Sol-Gel Science and Technology</i> , <b>2021</b> , 97, 734-742	2.3	3
222	2D Boron Nitride Heterostructures: Recent Advances and Future Challenges. <i>Small Structures</i> , <b>2021</b> , 2, 2100068	8.7	11
221	Thermal Induced Polymerization of l-Lysine forms Branched Particles with Blue Fluorescence. <i>Macromolecular Chemistry and Physics</i> , <b>2021</b> , 222, 2100242	2.6	2
220	Real-time quantitative detection of styrene in atmosphere in presence of other volatile-organic compounds using a portable device. <i>Talanta</i> , <b>2021</b> , 233, 122510	6.2	2

219	Engineering UV-emitting defects in h-BN nanodots by a top-down route. <i>Applied Surface Science</i> , <b>2021</b> , 567, 150727	6.7	1
218	Fluorescence-based selective nitrite ion sensing by amino-capped carbon dots. <i>Environmental Nanotechnology, Monitoring and Management</i> , <b>2021</b> , 16, 100573	3.3	1
217	Effective SARS-CoV-2 antiviral activity of hyperbranched polylysine nanoparticles. <i>Nanoscale</i> , <b>2021</b> , 13, 16465-16476	7.7	2
216	Fulleropyrrolidine-functionalized ceria nanoparticles as a tethered dual nanosystem with improved antioxidant properties. <i>Nanoscale Advances</i> , <b>2020</b> , 2, 2387-2396	5.1	4
215	Anomalous Optical Properties of Citrazinic Acid under Extreme pH Conditions. <i>ACS Omega</i> , <b>2020</b> , 5, 10958-10964	5.9	1
214	Carbon-based antiviral nanomaterials: graphene, C-dots, and fullerenes. A perspective. <i>Chemical Science</i> , <b>2020</b> , 11, 6606-6622	9.4	95
213	Integrating sol-gel and carbon dots chemistry for the fabrication of fluorescent hybrid organic-inorganic films. <i>Scientific Reports</i> , <b>2020</b> , 10, 4770	4.9	23
212	Understanding sol-gel transition through a picture. A short tutorial. <i>Journal of Sol-Gel Science and Technology</i> , <b>2020</b> , 94, 544-550	2.3	8
211	Defect-assisted photoluminescence in hexagonal boron nitride nanosheets. <i>2D Materials</i> , <b>2020</b> , 7, 0450239	3.9	8
210	Phenyl-modified hybrid organic-inorganic microporous films as high efficient platforms for styrene sensing. <i>Microporous and Mesoporous Materials</i> , <b>2020</b> , 294, 109877	5.3	5
209	Modulating the Optical Properties of Citrazinic Acid through the Monomer-to-Dimer Transformation. <i>Journal of Physical Chemistry A</i> , <b>2020</b> , 124, 197-203	2.8	13
208	Reversible Aggregation of Molecular-Like Fluorophores Driven by Extreme pH in Carbon Dots. <i>Materials</i> , <b>2020</b> , 13,	3.5	5
207	Boron oxynitride two-colour fluorescent dots and their incorporation in a hybrid organic-inorganic film. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 560, 398-406	9.3	15
206	The Sol-to-Gel Transition. <i>SpringerBriefs in Materials</i> , <b>2019</b> ,	0.5	6
205	Mesoporous materials as platforms for surface-enhanced Raman scattering. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 114, 233-241	14.6	13
204	Carbon Dots from Citric Acid and its Intermediates Formed by Thermal Decomposition. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 11963-11974	4.8	52
203	Probing the Sol to Gel Transition in the Gel Structure. <i>SpringerBriefs in Materials</i> , <b>2019</b> , 85-95	0.5	
202	A Sol and a Gel, What Are They?. <i>SpringerBriefs in Materials</i> , <b>2019</b> , 1-6	0.5	

201	The Precursors of the Sol-Gel Process. <i>SpringerBriefs in Materials</i> , <b>2019</b> , 7-19	0.5	1
200	From 2-D to 0-D Boron Nitride Materials, The Next Challenge. <i>Materials</i> , <b>2019</b> , 12,	3.5	18
199	Sol-Gel Chemistry for Carbon Dots. <i>Chemical Record</i> , <b>2018</b> , 18, 1192-1202	6.6	16
198	Photoluminescence of zinc oxide mesostructured films doped with Rhodamine 6G. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2018</b> , 357, 30-35	4.7	2
197	Highly durable graphene-mediated surface enhanced Raman scattering (G-SERS) nanocomposites for molecular detection. <i>Applied Surface Science</i> , <b>2018</b> , 450, 451-460	6.7	53
196	Structural Characterization of Hybrid Organic-Inorganic Materials <b>2018</b> , 1375-1397		1
195	A MOF-based carrier for dopamine delivery.. <i>RSC Advances</i> , <b>2018</b> , 8, 25664-25672	3.7	18
194	Nanoparticles in mesoporous films, a happy marriage for materials science. <i>Journal of Nanoparticle Research</i> , <b>2018</b> , 20, 1	2.3	10
193	Graphene and Carbon Dots in Mesoporous Materials <b>2018</b> , 2339-2368		
192	Selective detection of organophosphate through molecularly imprinted GERS-active hybrid organic-inorganic materials. <i>Journal of Raman Spectroscopy</i> , <b>2018</b> , 49, 189-197	2.3	9
191	Graphene Oxide/Iron Oxide Nanocomposites for Water Remediation. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 6724-6732	5.6	34
190	Graphene Oxide-Silver Nanoparticles in Molecularly-Imprinted Hybrid Films Enabling SERS Selective Sensing. <i>Materials</i> , <b>2018</b> , 11,	3.5	12
189	Cerium oxide nanoparticles (CeO NPs) improve the developmental competence of in vitro-matured prepubertal ovine oocytes. <i>Reproduction, Fertility and Development</i> , <b>2017</b> , 29, 1046-1056	1.8	14
188	Mesoscale organization of titania thin films enables oxygen sensing at room temperature. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 11815-11823	7.1	9
187	Design of Carbon Dots Photoluminescence through Organo-Functional Silane Grafting for Solid-State Emitting Devices. <i>Scientific Reports</i> , <b>2017</b> , 7, 5469	4.9	48
186	Ferrates for water remediation. <i>Reviews in Environmental Science and Biotechnology</i> , <b>2017</b> , 16, 15-35	13.9	13
185	Greener Chemistry for Hybrid Materials, Alcohol-Free Synthesis with an Epoxy-Cyclohexyl Precursor. <i>Macromolecular Materials and Engineering</i> , <b>2017</b> , 302, 1600394	3.9	
184	In situ growth of Ag nanoparticles in graphene-TiO <sub>2</sub> mesoporous films induced by hard X-ray. <i>Journal of Sol-Gel Science and Technology</i> , <b>2016</b> , 79, 295-302	2.3	7

183	Carbon dots in ZnO macroporous films with controlled photoluminescence through defects engineering. <i>RSC Advances</i> , <b>2016</b> , 6, 55393-55400	3.7	11
182	Magnetic core-shell nanoparticles coated with a molecularly imprinted organogel for organophosphate hydrolysis. <i>Journal of Sol-Gel Science and Technology</i> , <b>2016</b> , 79, 395-404	2.3	4
181	A Sol and a Gel, What They Are?. <i>SpringerBriefs in Materials</i> , <b>2016</b> , 1-6	0.5	
180	Cerium dioxide nanoparticles did not alter the functional and morphologic characteristics of ram sperm during short-term exposure. <i>Theriogenology</i> , <b>2016</b> , 85, 1274-81.e3	2.8	19
179	From the Precursor to a Sol. <i>SpringerBriefs in Materials</i> , <b>2016</b> , 7-25	0.5	4
178	Probing the Sol-to-Gel Transition in the Gel Structure. <i>SpringerBriefs in Materials</i> , <b>2016</b> , 63-72	0.5	
177	Graphene and Carbon Dots in Mesoporous Materials <b>2016</b> , 1-30		
176	Structural Characterization of Hybrid Organic-Inorganic Materials <b>2016</b> , 1-23		
175	Improving the Selective Efficiency of Graphene-Mediated Enhanced Raman Scattering through Molecular Imprinting. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 34098-34107	9.5	17
174	Hard X-rays for processing hybrid organic-inorganic thick films. <i>Journal of Synchrotron Radiation</i> , <b>2016</b> , 23, 267-73	2.4	5
173	Introducing Ti-GERS: Raman Scattering Enhancement in Graphene-Mesoporous Titania Films. <i>Journal of Physical Chemistry Letters</i> , <b>2015</b> , 6, 3149-3154	6.4	14
172	Graphene and carbon nanodots in mesoporous materials: an interactive platform for functional applications. <i>Nanoscale</i> , <b>2015</b> , 7, 12759-72	7.7	50
171	Sol-to-Gel Transition in Fast Evaporating Systems Observed by in Situ Time-Resolved Infrared Spectroscopy. <i>ChemPhysChem</i> , <b>2015</b> , 16, 1933-9	3.2	12
170	Getting order in mesostructured thin films, from pore organization to crystalline walls, the case of 3-glycidoxypropyltrimethoxysilane. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 10679-86	3.6	8
169	Processing of Sol-Gel Films from a Top-Down Route <b>2015</b> , 165-194		2
168	Ceria nanoparticles for the treatment of Parkinson-like diseases induced by chronic manganese intoxication. <i>RSC Advances</i> , <b>2015</b> , 5, 20432-20439	3.7	31
167	Energy Transfer Induced by Carbon Quantum Dots in Porous Zinc Oxide Nanocomposite Films. <i>Journal of Physical Chemistry C</i> , <b>2015</b> , 119, 2837-2843	3.8	34
166	Tuning the phase transition of ZnO thin films through lithography: an integrated bottom-up and top-down processing. <i>Journal of Synchrotron Radiation</i> , <b>2015</b> , 22, 165-71	2.4	10

165	Cosmic rays and radiobiology in a Sino-Italian network strategy: first bilateral workshop COSMIC-RAD. <i>Rendiconti Lincei</i> , <b>2014</b> , 25, 1-2	1.7	0
164	Responsive microstructures on organic/inorganic hybrid films. <i>Journal of Sol-Gel Science and Technology</i> , <b>2014</b> , 70, 272-277	2.3	3
163	Hard X-rays and soft-matter: processing of sol-gel films from a top down route. <i>Journal of Sol-Gel Science and Technology</i> , <b>2014</b> , 70, 236-244	2.3	8
162	Micropattern Formation by Molecular Migration via UV-induced Dehydration of Block Copolymers. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 2801-2809	15.6	5
161	Graphene-mediated surface enhanced Raman scattering in silica mesoporous nanocomposite films. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 25809-18	3.6	28
160	Exfoliated graphene into highly ordered mesoporous titania films: highly performing nanocomposites from integrated processing. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 795-802	9.5	25
159	Engineering the surface of hybrid organic/inorganic films with orthogonal grafting of oxide nanoparticles. <i>Journal of Nanoparticle Research</i> , <b>2014</b> , 16, 1	2.3	3
158	Smart tailoring of the surface chemistry in GPTMS hybrid organic/inorganic films. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 1635-1640	3.6	19
157	Enhanced Photocatalytic Activity in Low-Temperature Processed Titania Mesoporous Films. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 12000-12009	3.8	16
156	Sol-gel chemistry for graphene/silica nanocomposite films. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 3777-3782	3.6	23
155	Photodegradation of rhodamine 6G dimers in silica sol-gel films. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2013</b> , 271, 93-98	4.7	20
154	Molecularly imprinted La-doped mesoporous titania films with hydrolytic properties toward organophosphate pesticides. <i>New Journal of Chemistry</i> , <b>2013</b> , 37, 2995	3.6	20
153	Mesoporous thin films: properties and applications. <i>Chemical Society Reviews</i> , <b>2013</b> , 42, 4198-216	58.5	227
152	Combining top-down and bottom-up routes for fabrication of mesoporous titania films containing ceria nanoparticles for free radical scavenging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 3168-75	9.5	18
151	Nanostructured thin films as surface-enhanced Raman scattering substrates. <i>Journal of Raman Spectroscopy</i> , <b>2013</b> , 44, 35-40	2.3	10
150	A high volume and low damage route to hydroxyl functionalization of carbon nanotubes using hard X-ray lithography. <i>Carbon</i> , <b>2013</b> , 51, 430-434	10.4	12
149	Simultaneous microfabrication and tuning of the permselective properties in microporous polymers using X-ray lithography. <i>Small</i> , <b>2013</b> , 9, 2277-82	11	12
148	Hybrid materials with an increased resistance to hard X-rays using fullerenes as radical sponges. <i>Journal of Synchrotron Radiation</i> , <b>2012</b> , 19, 586-90	2.4	7

147	Microfabrication of mesoporous silica encapsulated enzymes using deep X-ray lithography. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 16191		12
146	Pore-confined synthesis of mesoporous nanocrystalline LaTe phosphate films for sensing applications. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 20498		7
145	Hard X-rays meet soft matter: when bottom-up and top-down get along well. <i>Soft Matter</i> , <b>2012</b> , 8, 3722	3.6	31
144	Raman microspectroscopy as a non-invasive tool to assess the vitrification-induced changes of ovine oocyte zona pellucida. <i>Cryobiology</i> , <b>2012</b> , 64, 267-72	2.7	24
143	IR and X-ray time-resolved simultaneous experiments: an opportunity to investigate the dynamics of complex systems and non-equilibrium phenomena using third-generation synchrotron radiation sources. <i>Journal of Synchrotron Radiation</i> , <b>2012</b> , 19, 892-904	2.4	14
142	Coffee stain-driven self-assembly of mesoporous rings. <i>Microporous and Mesoporous Materials</i> , <b>2012</b> , 163, 356-362	5.3	9
141	Liquid-Phase Preparation and Characterization of Zinc Oxide Nanoparticles. <i>Particulate Science and Technology</i> , <b>2012</b> , 30, 32-42	2	3
140	Top-down patterning of zeolitic imidazolate framework composite thin films by deep X-ray lithography. <i>Chemical Communications</i> , <b>2012</b> , 48, 7483-5	5.8	40
139	FTIR nanobiosensors for Escherichia coli detection. <i>Beilstein Journal of Nanotechnology</i> , <b>2012</b> , 3, 485-92	3	25
138	Release of ceria nanoparticles grafted on hybrid organic-inorganic films for biomedical application. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2012</b> , 4, 3916-22	9.5	18
137	Strain-driven self-rolling of hybrid organic-inorganic microrolls: interfaces with self-assembled particles. <i>NPG Asia Materials</i> , <b>2012</b> , 4, e22-e22	10.3	11
136	Structural evolution during evaporation of a 3-glycidoxypropyltrimethoxysilane film studied in situ by time resolved infrared spectroscopy. <i>Journal of Physical Chemistry A</i> , <b>2011</b> , 115, 10438-44	2.8	15
135	Hierarchical Mesoporous Films: From Self-Assembly to Porosity with Different Length Scales. <i>Chemistry of Materials</i> , <b>2011</b> , 23, 2501-2509	9.6	127
134	Nanocomposite mesoporous ordered films for lab-on-chip intrinsic surface enhanced Raman scattering detection. <i>Nanoscale</i> , <b>2011</b> , 3, 3760-6	7.7	40
133	Crystallization in hybrid organic-inorganic materials through self-organization from 3-glycidoxypropyltrimethoxysilane. <i>Journal of the Ceramic Society of Japan</i> , <b>2011</b> , 119, 387-392	1	7
132	Innovative composite films of chitosan, methylcellulose, and nanoparticles. <i>Journal of Food Science</i> , <b>2011</b> , 76, N54-60	3.4	15
131	Hybrid materials for optics and photonics. <i>Chemical Society Reviews</i> , <b>2011</b> , 40, 886-906	58.5	184
130	X-rays to study, induce, and pattern structures in sol-gel materials. <i>Journal of Sol-Gel Science and Technology</i> , <b>2011</b> , 57, 236-244	2.3	15

129	Effect of diphenyldiethoxysilane on the self-organized formation of nanocrystalline layered organosilicates in organichorganic hybrid films. <i>Journal of Sol-Gel Science and Technology</i> , <b>2011</b> , 60, 275-282	2.3	
128	Sol-gel chemistry: from self-assembly to complex materials. <i>Journal of Sol-Gel Science and Technology</i> , <b>2011</b> , 60, 226-235	2.3	22
127	Time-resolved techniques for infrared and terahertz characterization with synchrotron radiation of evaporating systems. <i>Rendiconti Lincei</i> , <b>2011</b> , 22, 81-91	1.7	3
126	New opportunity to investigate physico-chemical phenomena: time-resolved X-ray and IR concurrent analysis. <i>Rendiconti Lincei</i> , <b>2011</b> , 22, 59-79	1.7	4
125	Introduction: synchrotron radiation time resolved concurrent experiments—new Italian route to China. <i>Rendiconti Lincei</i> , <b>2011</b> , 22, 3-4	1.7	0
124	Densification of sol-gel silica thin films induced by hard X-rays generated by synchrotron radiation. <i>Journal of Synchrotron Radiation</i> , <b>2011</b> , 18, 280-6	2.4	19
123	Direct nano-in-micropatterning of TiO <sub>2</sub> thin layers and TiO <sub>2</sub> /Pt nanoelectrode arrays by deep X-ray lithography. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 3597		34
122	Simultaneous in situ and Time-Resolved Study of Hierarchical Porous Films Templated by Salt Nanocrystals and Self-Assembled Micelles. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 12702-12707	3.8	3
121	Controlling shape and dimensions of pores in organichorganic films: nanocubes and nanospheres. <i>New Journal of Chemistry</i> , <b>2011</b> , 35, 1624	3.6	1
120	Chemical tailoring of hybrid sol-gel thick coatings as hosting matrix for functional patterned microstructures. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2011</b> , 3, 245-51	9.5	22
119	Shaping mesoporous films using dewetting on X-ray pre-patterned hydrophilic/hydrophobic layers and pinning effects at the pattern edge. <i>Langmuir</i> , <b>2011</b> , 27, 3898-905	4	20
118	Polypeptide binding to mesostructured titania films. <i>Microporous and Mesoporous Materials</i> , <b>2011</b> , 142, 1-6	5.3	15
117	Sol-gel Processing of Bi <sub>2</sub> Ti <sub>2</sub> O <sub>7</sub> and Bi <sub>2</sub> Ti <sub>4</sub> O <sub>11</sub> Films with Photocatalytic Activity. <i>Journal of the American Ceramic Society</i> , <b>2010</b> , 93, 2897-2902	3.8	26
116	Hydrophobic, Antireflective, Self-Cleaning, and Antifogging Sol-gel Coatings: An Example of Multifunctional Nanostructured Materials for Photovoltaic Cells. <i>Chemistry of Materials</i> , <b>2010</b> , 22, 4406-4413	9.6	234
115	Correlative Analysis of the Crystallization of Sol-gel Dense and Mesoporous Anatase Titania Films. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 22385-22391	3.8	19
114	Writing Self-Assembled Mesostructured Films with In situ Formation of Gold Nanoparticles. <i>Chemistry of Materials</i> , <b>2010</b> , 22, 2132-2137	9.6	31
113	Hybrid Organicichorganic Mesostructured Membranes: Interfaces and Organization at Different Length Scales. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 11730-11740	3.8	16
112	Evaporation-induced crystallization of pluronic F127 studied in situ by time-resolved infrared spectroscopy. <i>Journal of Physical Chemistry A</i> , <b>2010</b> , 114, 304-8	2.8	43



111	Patterning block copolymer thin films by deep X-ray lithography. <i>Soft Matter</i> , <b>2010</b> , 6, 3172	3.6	10
110	Controlling the Processing of Mesoporous Titania Films by in Situ FTIR Spectroscopy: Getting Crystalline Micelles into the Mesopores. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 10806-10811	3.8	17
109	Infrared and X-ray simultaneous spectroscopy: a novel conceptual beamline design for time resolved experiments. <i>Analytical and Bioanalytical Chemistry</i> , <b>2010</b> , 397, 2095-108	4.4	9
108	Perspectives in <sup>1</sup> H, <sup>14</sup> N and <sup>81</sup> Br solid-state NMR studies of interfaces in materials textured by self-assembled amphiphiles. <i>Comptes Rendus Chimie</i> , <b>2010</b> , 13, 431-442	2.7	15
107	Photo-fabrication of titania hybrid films with tunable hierarchical structures and stimuli-responsive properties. <i>Advanced Materials</i> , <b>2010</b> , 22, 3303-6	24	20
106	An alternative sol-gel route for the preparation of thin films in CeO <sub>2</sub> /TiO <sub>2</sub> binary system. <i>Thin Solid Films</i> , <b>2010</b> , 518, 1653-1657	2.2	10
105	Deep X-ray Lithography for Direct Patterning of PECVD Films. <i>Plasma Processes and Polymers</i> , <b>2010</b> , 7, 459-465	3.4	19
104	Self-Organized Nanocrystalline Organosilicates in Organic-Inorganic Hybrid Films. <i>Advanced Materials</i> , <b>2009</b> , 21, 1732-1736	24	30
103	Fabrication of Advanced Functional Devices Combining Soft Chemistry with X-ray Lithography in One Step. <i>Advanced Materials</i> , <b>2009</b> , 21, 4932-4936	24	56
102	Formation of hybrid nano-crystals in organic/inorganic films from a basic sol. <i>Journal of Sol-Gel Science and Technology</i> , <b>2009</b> , 52, 408-414	2.3	9
101	Formation of cerium titanate, CeTi <sub>2</sub> O <sub>6</sub> , in sol-gel films studied by XRD and FAR infrared spectroscopy. <i>Journal of Sol-Gel Science and Technology</i> , <b>2009</b> , 52, 356-361	2.3	14
100	Synchrotron radiation is a brilliant source for solid-state research in the infrared energy domain. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , <b>2009</b> , 6, 1999-2007		2
99	Mesostructured self-assembled silica films with reversible thermo-photochromic properties. <i>Microporous and Mesoporous Materials</i> , <b>2009</b> , 120, 375-380	5.3	6
98	Absolute emission quantum yield determination of self-assembled mesoporous titania films grafted with a luminescent zinc complex. <i>Inorganic Chemistry Communication</i> , <b>2009</b> , 12, 237-239	3.1	5
97	Sol-gel reactions of 3-glycidoxypropyltrimethoxysilane in a highly basic aqueous solution. <i>Dalton Transactions</i> , <b>2009</b> , 9146-52	4.3	57
96	One-Pot Route to Produce Hierarchically Porous Titania Thin Films by Controlled Self-Assembly, Swelling, and Phase Separation. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 2763-2769	9.6	68
95	Self-Assembly of Shape Controlled Hierarchical Porous Thin Films: Mesopores and Nanoboxes. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 4846-4850	9.6	19
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