

# Sen Mei

## List of Publications by Year in descending order

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23  
papers

711  
citations

687363

13  
h-index

713466

21  
g-index

24  
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24  
docs citations

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times ranked

823  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrothermal Synthesis of Nanosized Titania Powders: Influence of Peptization and Peptizing Agents on the Crystalline Phases and Phase Transitions. <i>Journal of the American Ceramic Society</i> , 2000, 83, 1361-1368.	3.8	161
2	Hydrothermal synthesis of TiO <sub>2</sub> nanopowders from tetraalkylammonium hydroxide peptized sols. <i>Materials Science and Engineering C</i> , 2001, 15, 183-185.	7.3	117
3	Hydrothermal Synthesis of Nanosized Titania Powders: Influence of Tetraalkyl Ammonium Hydroxides on Particle Characteristics. <i>Journal of the American Ceramic Society</i> , 2001, 84, 1696-1702.	3.8	94
4	In situ preparation of weakly flocculated aqueous anatase suspensions by a hydrothermal technique. <i>Journal of Colloid and Interface Science</i> , 2003, 260, 82-88.	9.4	39
5	Optimisation of the new time-modulated CVD process using the Taguchi method. <i>Thin Solid Films</i> , 2004, 469-470, 154-160.	1.8	38
6	Fabrication of rutile rod-like particle by hydrothermal method: an insight into HNO <sub>3</sub> peptization. <i>Journal of Colloid and Interface Science</i> , 2005, 283, 102-106.	9.4	38
7	Effect of Dispersant Concentration on Slip Casting of Cordierite-Based Glass Ceramics. <i>Journal of Colloid and Interface Science</i> , 2001, 241, 417-421.	9.4	36
8	Hydrothermal processing of nanocrystalline anatase films from tetraethylammonium hydroxide peptized titania sols. <i>Journal of the European Ceramic Society</i> , 2004, 24, 335-339.	5.7	35
9	Hydrothermal synthesis of well-dispersed TiO <sub>2</sub> nano-crystals. <i>Journal of Materials Research</i> , 2002, 17, 2197-2200.	2.6	28
10	Aqueous tape casting processing of low dielectric constant cordierite-based glass-ceramics—selection of binder. <i>Journal of the European Ceramic Society</i> , 2006, 26, 67-71.	5.7	25
11	Cordierite-based glass-ceramics processed by slip casting. <i>Journal of the European Ceramic Society</i> , 2001, 21, 185-193.	5.7	22
12	Optimisation of parameters for aqueous tape-casting of cordierite-based glass ceramics by Taguchi method. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2002, 334, 11-18.	5.6	16
13	Hydrothermal Synthesis of Submicrometer $\gamma$ -Alumina from Seeded Tetraethylammonium Hydroxide-Peptized Aluminum Hydroxide. <i>Journal of the American Ceramic Society</i> , 2003, 86, 2055-2058.	3.8	15
14	Comparison of dispersants performance in slip casting of cordierite-based glass-ceramics. <i>Ceramics International</i> , 2003, 29, 785-791.	4.8	12
15	Hydrothermal Fabrication of Rod-Like Rutile Nano-Particles. <i>Materials Science Forum</i> , 2004, 455-456, 556-559.	0.3	9
16	The fabrication and characterisation of low-k cordierite-based glass-ceramics by aqueous tape casting. <i>Journal of the European Ceramic Society</i> , 2004, 24, 295-300.	5.7	9
17	Fabrication of $\alpha$ -sialon sheets by tape casting and pressureless sintering. <i>Journal of Materials Research</i> , 2003, 18, 1363-1367.	2.6	5
18	Deposition of nanocrystalline diamond and titanium oxide coatings onto pyrolytic carbon using CVD and sol-gel techniques. <i>Diamond and Related Materials</i> , 2004, 13, 638-642.	3.9	5

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19	Synthesis, Characterization, and Processing of Cordierite-Glass Particles Modified by Coating with an Alumina Precursor. <i>Journal of the American Ceramic Society</i> , 2002, 85, 155-160.	3.8	4
20	Fabrication and Characterisation of Titania Nanoporous thin Film for Photoelectrochemical (PEC) Conversion of Water. <i>Energy Procedia</i> , 2015, 75, 2187-2192.	1.8	2
21	Deposition of Titania Washcoat Membranes on Stainless Steel Plates through Sol-Gel Method. <i>Materials Science Forum</i> , 2004, 455-456, 627-630.	0.3	1
22	Aqueous Tape Casting of Low-k Cordierite Substrate: The Influence of Glass Content. <i>Materials Science Forum</i> , 2004, 455-456, 168-171.	0.3	0
23	Thermal Expansion Behaviour of $P_{2}O_{5}$ -Doped Sol-Gel-Derived Cordierite. <i>Materials Science Forum</i> , 2004, 455-456, 182-185.	0.3	0