

Cc Sorrell

List of Publications by Year in descending order

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31
papers

3,335
citations

394286

19
h-index

454834

30
g-index

33
all docs

33
docs citations

33
times ranked

4345
citing authors

#	ARTICLE	IF	CITATIONS
1	Photo-electrochemical hydrogen generation from water using solar energy. Materials-related aspects. International Journal of Hydrogen Energy, 2002, 27, 991-1022.	3.8	1,385
2	Solar-hydrogen: Environmentally safe fuel for the future. International Journal of Hydrogen Energy, 2005, 30, 521-544.	3.8	345
3	Sintering effects on the strength of hydroxyapatite. Biomaterials, 1995, 16, 409-415.	5.7	300
4	Title is missing!. Journal of Sol-Gel Science and Technology, 2001, 21, 39-48.	1.1	150
5	Electrodeposited nanostructured WO ₃ thin films for photoelectrochemical applications. Electrochimica Acta, 2012, 75, 371-380.	2.6	112
6	Photo-electrochemical properties of the TiO ₂ -Pt system in aqueous solutions. International Journal of Hydrogen Energy, 2002, 27, 19-26.	3.8	107
7	Defect chemistry and semiconducting properties of titanium dioxide: II. Defect diagrams. Journal of Physics and Chemistry of Solids, 2003, 64, 1057-1067.	1.9	107
8	Solar-hydrogen: Unresolved problems in solid-state science. Solar Energy, 2005, 78, 593-602.	2.9	102
9	Effect of Annealing Temperature on the Photocatalytic Activity of TiO ₂ Thin Films. Energy Procedia, 2013, 34, 627-636.	1.8	101
10	Anatase to rutile transformation through high-temperature annealing of titania films produced by ultrasonic spray pyrolysis. Thin Solid Films, 2010, 518, 3735-3742.	0.8	95
11	Defect chemistry and semiconducting properties of titanium dioxide: I. Intrinsic electronic equilibrium. Journal of Physics and Chemistry of Solids, 2003, 64, 1043-1056.	1.9	81
12	Morphology and photocatalytic activity of highly oriented mixed phase titanium dioxide thin films. Surface and Coatings Technology, 2011, 205, 3658-3664.	2.2	79
13	Defect chemistry and semiconducting properties of titanium dioxide: III. Mobility of electronic charge carriers. Journal of Physics and Chemistry of Solids, 2003, 64, 1069-1087.	1.9	57
14	Effect of single-cation doping and codoping with Mn and Fe on the photocatalytic performance of TiO ₂ thin films. International Journal of Hydrogen Energy, 2014, 39, 21500-21511.	3.8	43
15	Effect of Fe doping on TiO ₂ films prepared by spin coating. Ceramics International, 2012, 38, 3943-3946.	2.3	38
16	Effect of niobium on the structure of titanium dioxide thin films. Thin Solid Films, 2006, 510, 119-124.	0.8	36
17	Photoelectrochemical Properties of WO ₃ Thin Films Prepared by Electrodeposition. Energy Procedia, 2013, 34, 617-626.	1.8	36
18	Charge transport in polycrystalline titanium dioxide. Journal of Physics and Chemistry of Solids, 2003, 64, 1089-1095.	1.9	28

#	ARTICLE	IF	CITATIONS
19	Kinetics of Nb incorporation into barium titanate. <i>Journal of Physics and Chemistry of Solids</i> , 2001, 62, 531-535.	1.9	25
20	Synthesis of mixed-phase titania films by low-temperature ultrasonic spray pyrolysis. <i>Materials Letters</i> , 2010, 64, 1365-1368.	1.3	22
21	Anatase thin films by ultrasonic spray pyrolysis. <i>Journal of Analytical and Applied Pyrolysis</i> , 2010, 88, 98-101.	2.6	17
22	Mn-doped titania thin films prepared by spin coating. <i>Progress in Organic Coatings</i> , 2012, 74, 645-647.	1.9	16
23	Multivalent Mn-doped TiO ₂ thin films. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2012, 44, 1969-1972.	1.3	14
24	Photoelectrochemical properties of WO ₃ nanoparticulate thin films prepared by carboxylic acid-assisted electrodeposition. <i>Thin Solid Films</i> , 2013, 544, 191-196.	0.8	14
25	Semiconducting properties of polycrystalline titanium dioxide. <i>Solid State Ionics</i> , 2002, 154-155, 223-228.	1.3	12
26	Microwave Sintering of ZrO ₂ Fiber-Reinforced Hydroxyapatite Matrix Composites. <i>Journal of Biomimetics, Biomaterials, and Tissue Engineering</i> , 2012, 14, 93-106.	0.7	3
27	Hydroxyapatite Matrix Composites by Hot Isostatic Pressing: Part 2. Zirconia Fibre and Powder Reinforced. <i>Journal of Biomimetics, Biomaterials, and Tissue Engineering</i> , 2012, 15, 85-100.	0.7	3
28	LIQUID PHASE SINTERING OF TI-Ba-Ca-Cu-O WITH SUPERCONDUCTING TRANSITION AT 122K. <i>Modern Physics Letters B</i> , 1988, 02, 875-878.	1.0	2
29	REMANENT EFFECTS AND GRANULAR JOSEPHSON TUNNELLING IN 1:2:3 MICRO-BRIDGE JUNCTIONS. <i>Modern Physics Letters B</i> , 1988, 02, 907-913.	1.0	1
30	High T _c Superconductivity Report. <i>Materials and Processing Report</i> , 1989, 4, 2-6.	0.0	0
31	Comparison of commercial bulk graphites. , 2009, , .		0