Takeshi Yao

List of Publications by Year
in descending order

36	604	516710 16	610901 24
papers	citations	h-index	g-index

37	37	37	437
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Relaxation Analysis of Li_xNi_{0.8}Co_{0.1}Mn_{0.1}O₂ after Lithium Extraction to High-Voltage Region (x â‰ 0.12). Journal of the Electrochemical Society, 2021, 168, 010518.	2.9	4
2	Relaxation analysis of NCAs in high-voltage region and effect of cobalt content. Journal of Electroanalytical Chemistry, 2020, 878, 114566.	3.8	1
3	Structural Relaxation of Li_xNi_{0.874}Co_{0.090}Al_{0.036}O₂ after Lithium Extraction down to (x â‰ 0.12). Journal of the Electrochemical Society, 2019, 166, A5153-A5156.	2.9	2
4	Effect of Doubled Sandblasting Process and Basic Simulated Body Fluid Treatment on Fabrication of Bioactive Stainless Steels. Materials, 2018, 11, 1334.	2.9	13
5	Structural Relaxation of Lix(Ni0.874Co0.090Al0.036)O2 after Lithium Extraction down to x = 0.12. Materials, 2018, 11, 1299.	2.9	9
6	Defect Structure and Oxide Ion Conduction of Potassium Ion Substituted CaWO4. Materials, 2018, 11, 1092.	2.9	10
7	Relaxation Analysis of Li_xNiO₂and Li_x(NCA)O₂in the Deeply Lithium Extracted Region (x â‰ 0.12). Journal of the Electrochemical Society, 2017, 164, A1514-A1519.	2.9	18
8	THE EFFECTS OF SBF CONDITIONS ON ENCAPSULATION OF AGAROSE GEL WITH HYDROXYAPATITE MICROCAPSULES. Phosphorus Research Bulletin, 2016, 31, 9-14.	0.6	3
9	Î±-PbO₂Formation on the Cathode of Lead Acid Battery due to the Local Cell Reaction. Journal of the Electrochemical Society, 2016, 163, A3087-A3090.	2.9	9
10	Relaxation Analysis of LiNi_{0.5}Mn_{1.5}O₄ 5 V Cathode Material by Means of the Rietveld Refinement. Electrochemistry, 2016, 84, 808-811.	1.4	10
11	EFFECTS OF SANDBLASTING CONDITIONS IN PREPARATION OF BIOACTIVE STAINLESS STEELS BY THE FUNCTION OF APATITE NUCLEI. Phosphorus Research Bulletin, 2016, 31, 15-19.	0.6	3
12	INVESTIGATION OF EFFECTIVE PROCEDURES IN FABRICATION OF BIOACTIVE PEEK USING THE FUNCTION OF APATITE NUCLEI. Phosphorus Research Bulletin, 2016, 31, 31-37.	0.6	3
13	Relaxation Structure Analysis of the Single-Phase Reaction of LiMn_{0.75}Fe_{0.25}PO₄. Journal of the Electrochemical Society, 2014, 161, A1759-A1763.	2.9	11
14	Relaxation analysis of LiMnPO4-based olivine-type material. Solid State Ionics, 2014, 262, 35-38.	2.7	13
15	Relaxation Crystal Analysis of LiFePO4 Cathode for Li-Ion Secondary Battery. Electrochemical and Solid-State Letters, 2012, 15, A49.	2.2	22
16	Multistage Li Insertion and Extraction Relaxation Analysis of ^|^gamma;-Fe2O3. Electrochemistry, 2012, 80, 804-807.	1.4	14
17	Relaxation structure analysis of Li inserted Î³-Fe2O3. Solid State Ionics, 2011, 203, 29-32.	2.7	29
18	Preparation of Glass-Ceramics Containing Ferrimagnetic Zinc-Iron Ferrite for the Hyperthermal Treatment of Cancer. Journal of the Ceramic Society of Japan, 2004, 112, 373-379.	1.3	42

#	Article	IF	Citations
19	Formation of Titania Submicrometer Patterns by the Combination of Synthesis from an Aqueous Solution and Transcription of a Resist Pattern. Journal of the American Ceramic Society, 2003, 86, 1976-1978.	3.8	6
20	Physical Properties and Structure of rfâ€Sputtered Amorphous Films in the System Al₂O₃â€“Y₂O₃. Journal of the American Ceramic Society, 2002, 85, 915-920.	3.8	20
21	Preparation of Magnetite-Containing Glass-Ceramics in Controlled Atmosphere for Hyperthermia of Cancer.. Journal of the Ceramic Society of Japan, 2001, 109, 39-44.	1.3	25
22	Collapse of theIa3Â¯dcubic symmetry by uniaxial stretching of a double-gyroid block copolymer. Physical Review E, 2001, 63, 061803.	2.1	17
23	Micro Pattern of TiO₂ Thin Film Formation by Direct Synthesis From Aqueous Solution and Transcription of Resist Pattern. Materials Research Society Symposia Proceedings, 2000, 623, 423.	0.1	2
24	Title is missing!. Journal of Sol-Gel Science and Technology, 2000, 19, 219-222.	2.4	36
25	Title is missing!. Journal of Sol-Gel Science and Technology, 2000, 17, 173-184.	2.4	55
26	Title is missing!. Journal of Sol-Gel Science and Technology, 2000, 17, 239-245.	2.4	19
27	Electrical Property, Crystal Structure and Oxygen Nonstoichiometry of La₁₋<i>_x</i>Sr<i>_x</i>Co<sub>0.2&l... Electrochemistry, 2000, 68, 515-518.	1.4	42
28	Crystal Structure of (Ba₁₋_xLa_x)₂In₂O₅₊_x and Its Oxide Ion Conductivity. Electrochemistry, 2000, 68, 531-533.	1.4	38
29	Title is missing!. Journal of Sol-Gel Science and Technology, 1999, 16, 257-266.	2.4	25
30	Macroporous Morphology of the Titania Films Prepared by a Sol-Gel Dip-Coating Method from the System Containing Poly(Ethylene Glycol). I. Effect of Humidity. Journal of Sol-Gel Science and Technology, 1998, 12, 185-192.	2.4	42
31	Macroporous Morphology of the Titania Films Prepared by a Sol-Gel Dip-Coating Method from the System Containing Poly(Ethylene Glycol). II. Effect of Solution Composition. Journal of Sol-Gel Science and Technology, 1998, 12, 193-201.	2.4	33
32	Synthesis of functional ceramic materials from aqueous solutions. Journal of Materials Research, 1998, 13, 1091-1098.	2.6	16
33	Crystal Chemistry of Novel Complex Vanadium Oxides with Layered Structures.. Nihon Kessho Gakkaishi, 1998, 40, 397-402.	0.0	3
34	Synthesis of LaMeO₃ (Me = Cr, Mn, Fe, Co) Perovskite Oxides from Aqueous Solutions. Journal of the American Ceramic Society, 1997, 80, 2441-2444.	3.8	23
35	Novel Method for Zirconium Oxide Synthesis from Aqueous Solution. Journal of the American Ceramic Society, 1996, 79, 3329-3330.	3.8	29
36	Lead acid battery with high resistance to overâ€discharge using graphite based materials as cathode current collector. Nano Select, 0, , .	3.7	2