

Wei-Chen Huang

List of Publications by Year in descending order

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124
papers

4,528
citations

94269

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114278

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127
all docs

127
docs citations

127
times ranked

7454
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-Sensitive Gold-Nanocubes Platform with Synergistic Immunotherapy for Inducing Immune Cycle Using NIR-Mediated PTT/NO/IDO. <i>Pharmaceuticals</i> , 2022, 15, 138.	1.7	5
2	High-Density Horizontal Stacking of Chondrocytes via the Synergy of Biocompatible Magnetic Gelatin Nanocarriers and Internal Magnetic Navigation for Enhancing Cartilage Repair. <i>Polymers</i> , 2022, 14, 809.	2.0	5
3	Rabies Virus Glycoprotein-Mediated Transportation and T Cell Infiltration to Brain Tumor by Magnetolectric Gold Yarnballs. <i>ACS Nano</i> , 2022, 16, 4014-4027.	7.3	10
4	Development of Ag-In Alloy Pastes by Mechanical Alloying for Die Attachment of High-Power Semiconductor Devices. <i>Materials</i> , 2022, 15, 1397.	1.3	7
5	Flexible Optogenetic Transducer Device for Remote Neuron Modulation Using Highly Upconversion-Efficient Dendrite-Like Gold Inverse Opaline Structure. <i>Advanced Healthcare Materials</i> , 2022, 11, e2101310.	3.9	9
6	A biocompatible open system Na-doped IrO _x (OH) _y energy storage device with enhanced charge storage properties and long lifetime. <i>Journal of Materials Chemistry A</i> , 2022, 10, 14479-14487.	5.2	4
7	Dextran-modified Quercetin-Cu(II)/hyaluronic acid nanomedicine with natural poly(ADP-ribose) polymerase inhibitor and dual targeting for programmed synthetic lethal therapy in triple-negative breast cancer. <i>Journal of Controlled Release</i> , 2021, 329, 136-147.	4.8	21
8	Advances in Magnetic Nanoparticle-Mediated Cancer Immune-Theragnostics. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001451.	3.9	59
9	4D spatiotemporal modulation of biomolecules distribution in anisotropic corrugated microwrinkles via electrically manipulated microcapsules within hierarchical hydrogel for spinal cord regeneration. <i>Biomaterials</i> , 2021, 271, 120762.	5.7	13
10	Tailoring grain sizes of the biodegradable iron-based alloys by pre-additive manufacturing microalloying. <i>Scientific Reports</i> , 2021, 11, 9610.	1.6	7
11	FRET processes of bi-fluorophoric sensor material containing tetraphenylethylene donor and optical-switchable merocyanine acceptor for lead ion (Pb ²⁺) detection in semi-aqueous media. <i>Dyes and Pigments</i> , 2021, 189, 109238.	2.0	10
12	Iridium Oxide Nanoparticle-Protein Corona Neural Interfaces with Enhanced Electroactivity and Bioactivity Enable Electrically Manipulatable Physical and Chemical Neuronal Activation. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100694.	1.9	4
13	Fabrication of Soft Tissue Scaffold-Mimicked Microelectrode Arrays Using Enzyme-Mediated Transfer Printing. <i>Micromachines</i> , 2021, 12, 1057.	1.4	6
14	Using Gold-Nanorod-Filled Mesoporous Silica Nanobeads for Enhanced Radiotherapy of Oral Squamous Carcinoma. <i>Nanomaterials</i> , 2021, 11, 2235.	1.9	13
15	Highly hydroresponsive nacre-like oligo proanthocyanidin-intercalated Ca-Al-Layered double hydroxides/graphene oxide/polyvinyl alcohol as a potential neural implant material. <i>Journal of Materials Research and Technology</i> , 2021, 15, 595-605.	2.6	2
16	Electrophoretic fabrication of a robust chitosan/polyethylene glycol/polydopamine composite film for UV-shielding application. <i>Carbohydrate Polymers</i> , 2021, 273, 118560.	5.1	19
17	Protein-based soft actuator with high photo-response and easy modulation for anisotropic cell alignment and proliferation in a liquid environment. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6634-6645.	2.9	9
18	A smart injectable composite hydrogel with magnetic navigation and controlled glutathione release for promoting <i>in situ</i> chondrocyte array and self-healing in damaged cartilage tissue. <i>Journal of Materials Chemistry B</i> , 2021, 9, 9370-9382.	2.9	11

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19	Site-Specified Two-Dimensional Heterojunction of Pt Nanoparticles/Metal-Organic Frameworks for Enhanced Hydrogen Evolution. <i>Journal of the American Chemical Society</i> , 2021, 143, 16512-16518.	6.6	121
20	3D laser-printed porous Ti6Al4V dental implants for compromised bone support. <i>Journal of the Formosan Medical Association</i> , 2020, 119, 420-429.	0.8	28
21	Spontaneously Micropatterned Silk/Gelatin Scaffolds with Topographical, Biological, and Electrical Stimuli for Neuronal Regulation. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 1144-1153.	2.6	24
22	Novel design of additive manufactured hollow porous implants. <i>Dental Materials</i> , 2020, 36, 1437-1451.	1.6	20
23	4D printing of stretchable nanocookie@conduit material hosting biocues and magnetoelectric stimulation for neurite sprouting. <i>NPG Asia Materials</i> , 2020, 12, .	3.8	35
24	Sintered Micro-Silver Paste Doped with Indium for Die Attachment Applications of Power ICs. , 2020, , .		1
25	Investigation of Bone Growth in Additive-Manufactured Pedicle Screw Implant by Using Ti-6Al-4V and Bioactive Glass Powder Composite. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7438.	1.8	9
26	A Strategy to Synthesize Ultrahigh-N-Doped Hierarchical Carbons via Induced β -Sheet from Silk Fibroin by <i>In Situ</i> Electrogelation/Electropolymerization. <i>ACS Applied Energy Materials</i> , 2020, 3, 3596-3608.	2.5	3
27	Circulating tumor-cell-targeting Au-nanocage-mediated bimodal phototherapeutic properties enriched by magnetic nanocores. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5460-5471.	2.9	8
28	Three-Dimensional Printed Porous Titanium Screw with Bioactive Surface Modification for Bone-Tendon Healing: A Rabbit Animal Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3628.	1.8	13
29	Development and Characterization of a Fucoidan-Based Drug Delivery System by Using Hydrophilic Anticancer Polysaccharides to Simultaneously Deliver Hydrophobic Anticancer Drugs. <i>Biomolecules</i> , 2020, 10, 970.	1.8	25
30	Cartilage Tissue-Mimetic Pellets with Multifunctional Magnetic Hyaluronic Acid-Graft-Amphiphilic Gelatin Microcapsules for Chondrogenic Stimulation. <i>Polymers</i> , 2020, 12, 785.	2.0	15
31	Augmentation of DMLS Biomimetic Dental Implants with Weight-Bearing Strut to Balance of Biologic and Mechanical Demands: From Bench to Animal. <i>Materials</i> , 2019, 12, 164.	1.3	23
32	Sandwich-Nanostructured n-Cu ₂ O/AuAg/p-Cu ₂ O Photocathode with Highly Positive Onset Potential for Improved Water Reduction. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 38625-38632.	4.0	30
33	Multi-scale mapping for collagen-regulated mineralization in bone remodeling of additive manufacturing porous implants. <i>Materials Chemistry and Physics</i> , 2019, 230, 83-92.	2.0	17
34	Gene-Embedded Nanostructural Biotic-Abiotic Optoelectrode Arrays Applied for Synchronous Brain Optogenetics and Neural Signal Recording. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 11270-11282.	4.0	9
35	Designing the Charge Storage Properties of Ion-Exchanged Sodium Vanadium Fluorophosphate for Powering Implantable Biomedical Devices. <i>Advanced Energy Materials</i> , 2019, 9, 1900226.	10.2	23
36	A potential peptide derived from cytokine receptors can bind proinflammatory cytokines as a therapeutic strategy for anti-inflammation. <i>Scientific Reports</i> , 2019, 9, 2317.	1.6	20

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37	An electronic silicon-based memristor with a high switching uniformity. <i>Nature Electronics</i> , 2019, 2, 66-74.	13.1	51
38	Ultra-compliant peripheral nerve cuff electrode with hydrogel adhesion. , 2018, , .		3
39	Ultracompliant Hydrogel-Based Neural Interfaces Fabricated by Aqueous-Phase Microtransfer Printing. <i>Advanced Functional Materials</i> , 2018, 28, 1801059.	7.8	43
40	Combination of fucoidan-based magnetic nanoparticles and immunomodulators enhances tumour-localized immunotherapy. <i>Nature Nanotechnology</i> , 2018, 13, 746-754.	15.6	218
41	Using the interplay of magnetic guidance and controlled TGF- β release from protein-based nanocapsules to stimulate chondrogenesis. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 3177-3188.	3.3	17
42	Biomimetic nano-surfactant stabilizes sub-50 nanometer phospholipid particles enabling high paclitaxel payload and deep tumor penetration. <i>Biomaterials</i> , 2018, 181, 240-251.	5.7	8
43	Dual-drug nanomedicine with hydrophilic F127-modified magnetic nanocarriers assembled in amphiphilic gelatin for enhanced penetration and drug delivery in deep tumor tissue. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 3011-3026.	3.3	17
44	Highly sensitive/selective 3D nanostructured immunoparticle-based interface on a multichannel sensor array for detecting amyloid-beta in Alzheimer's disease. <i>Theranostics</i> , 2018, 8, 4210-4225.	4.6	27
45	Fabrication of co-electrodeposition of plasma proteins/iridium oxide hybrid films. <i>Ceramics International</i> , 2018, 44, S117-S120.	2.3	3
46	Improvement of bone-tendon fixation by porous titanium interference screw: A rabbit animal model. <i>Journal of Orthopaedic Research</i> , 2018, 36, 2633-2640.	1.2	22
47	Conductive nanogel-interfaced neural microelectrode arrays with electrically controlled in-situ delivery of manganese ions enabling high-resolution MEMRI for synchronous neural tracing with deep brain stimulation. <i>Biomaterials</i> , 2017, 122, 141-153.	5.7	19
48	A proof-of-principle simulation for closed-loop control based on preexisting experimental thalamic DBS-enhanced instrumental learning. <i>Brain Stimulation</i> , 2017, 10, 672-683.	0.7	13
49	Ultrasound-Mediated Self-Healing Hydrogels Based on Tunable Metal-Organic Bonding. <i>Biomacromolecules</i> , 2017, 18, 1162-1171.	2.6	74
50	Valence- and element-dependent water oxidation behaviors: in situ X-ray diffraction, absorption and electrochemical impedance spectroscopies. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 8681-8693.	1.3	80
51	Direct Reprogramming of Human Suspension Cells into Mesodermal Cell Lineages via Combined Magnetic Targeting and Photothermal Stimulation by Magnetic Graphene Oxide Complexes. <i>Small</i> , 2017, 13, 1700703.	5.2	11
52	Multistage Continuous Targeting with Quantitatively Controlled Peptides on Chitosan-Lipid Nanoparticles with Multicore-Shell Nanoarchitecture for Enhanced Orally Administrated Anticancer In Vitro and In Vivo. <i>Macromolecular Bioscience</i> , 2017, 17, 1600260.	2.1	10
53	Magnetic amphiphilic gelatin microcapsules for cartilage tissue engineering. , 2017, , .		0
54	Elastin-like polypeptide-based hydrogel actuator for cardiac tissue engineering. , 2017, , .		0

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55	Magnetic hyperthermia enhance the treatment efficacy of peri-implant osteomyelitis. BMC Infectious Diseases, 2017, 17, 516.	1.3	41
56	Numerical Method for the Design of Healing Chamber in Additive-Manufactured Dental Implants. BioMed Research International, 2017, 2017, 1-10.	0.9	8
57	A Sliced Inverse Regression (SIR) Decoding the Forelimb Movement from Neuronal Spikes in the Rat Motor Cortex. Frontiers in Neuroscience, 2016, 10, 556.	1.4	4
58	Synergistic Combination of Multistage Magnetic Guidance and Optimized Ligand Density in Targeting a Nanoplatfrom for Enhanced Cancer Therapy. Advanced Healthcare Materials, 2016, 5, 2131-2141.	3.9	27
59	Dual-Targeting Lactoferrin-Conjugated Polymerized Magnetic Polydiacetylene-Assembled Nanocarriers with Self-Responsive Fluorescence/Magnetic Resonance Imaging for In Vivo Brain Tumor Therapy. Advanced Healthcare Materials, 2016, 5, 688-695.	3.9	58
60	Room-temperature fabrication of Cu nanobrushes as an effective surface-enhanced Raman scattering substrate. CrystEngComm, 2016, 18, 8284-8290.	1.3	8
61	Constructing 3D heterogeneous hydrogels from electrically manipulated prepolymer droplets and crosslinked microgels. Science Advances, 2016, 2, e1600964.	4.7	70
62	Neurotensin-Conjugated Reduced Graphene Oxide with Multi-Stage Near-Infrared-Triggered Synergic Targeted Neuron Gene Transfection In Vitro and In Vivo for Neurodegenerative Disease Therapy. Advanced Healthcare Materials, 2016, 5, 3016-3026.	3.9	33
63	Functionalized graphene nanocomposites for enhancing photothermal therapy in tumor treatment. Advanced Drug Delivery Reviews, 2016, 105, 190-204.	6.6	385
64	Biomechanical investigation into the structural design of porous additive manufactured cages using numerical and experimental approaches. Computers in Biology and Medicine, 2016, 76, 14-23.	3.9	49
65	Enhanced electrical properties and field emission characteristics of AZO/ZnO-nanowire core-shell structures. Physical Chemistry Chemical Physics, 2016, 18, 15251-15259.	1.3	10
66	A High-Sensitivity and Low-Power Theranostic Nanosystem for Cell SERS Imaging and Selectively Photothermal Therapy Using Anti-EGFR-Conjugated Reduced Graphene Oxide/Mesoporous Silica/AuNPs Nanosheets. Small, 2016, 12, 1458-1468.	5.2	89
67	Hydrogen-bonded bent-core blue phase liquid crystal complexes containing various molar ratios of proton acceptors and donors. RSC Advances, 2016, 6, 32319-32327.	1.7	17
68	Newly reduced graphene oxide/gold oxide neural-chemical interface on multi-channel neural probes to enhance the electrochemical properties for biosensors. RSC Advances, 2016, 6, 27614-27622.	1.7	2
69	Synthesis of Cu ₂ O nanoparticle films at room temperature for solar water splitting. Journal of Colloid and Interface Science, 2016, 471, 76-80.	5.0	17
70	Implantable Graphene-based Neural Electrode Interfaces for Electrophysiology and Neurochemistry in In Vivo Hyperacute Stroke Model. ACS Applied Materials & Interfaces, 2016, 8, 187-196.	4.0	57
71	Neural interfaces with electrically controllable delivery of manganese ions applied for MEMRI-functionalized deep brain stimulation. Journal of Controlled Release, 2015, 213, e112-e113.	4.8	2
72	Multifunctional 3D Patternable Drug-Embedded Nanocarrier-Based Interfaces to Enhance Signal Recording and Reduce Neuron Degeneration in Neural Implantation. Advanced Materials, 2015, 27, 4186-4193.	11.1	22

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73	Multitheragnostic Multiâ€œGNRs Crystalâ€œSeeded Magnetic Nanosearchin for Enhanced In Vivo Mesenchymalâ€œStemâ€œCell Homing, Multimodal Imaging, and Stroke Therapy. <i>Advanced Materials</i> , 2015, 27, 6488-6495.	11.1	54
74	Encoding and manipulating microcomponent on electromicrofluidic platform. , 2015, , .		0
75	Ultrafast pulsed magnetomotive ultrasound imaging of sentinel lymph nodes: Small animal study. , 2015, , .		2
76	In situ DOX-calcium phosphate mineralized CPT-amphiphilic gelatin nanoparticle for intracellular controlled sequential release of multiple drugs. <i>Acta Biomaterialia</i> , 2015, 15, 191-199.	4.1	40
77	Self-Reactivated Mesostructured Caâ€œAlâ€œO Composite for Enhanced High-Temperature CO ₂ Capture and Carbonation/Calcination Cycles Performance. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 6172-6179.	4.0	12
78	Amifostine-conjugated pH-sensitive calcium phosphate-covered magnetic-amphiphilic gelatin nanoparticles for controlled intracellular dual drug release for dual-targeting in HER-2-overexpressing breast cancer. <i>Journal of Controlled Release</i> , 2015, 220, 107-118.	4.8	53
79	Synthesis and study of hybrid hydrogen-bonded bent-core liquid crystal complexes containing C ₆₀ - and Si-based proton donors. <i>RSC Advances</i> , 2015, 5, 99732-99738.	1.7	5
80	Ultrafast plane wave imaging based pulsed magnetomotive ultrasound. , 2014, , .		3
81	Arrayed rGO _{SH} /PMA _{SH} Microcapsule Platform Integrating Surface Topography, Chemical Cues, and Electrical Stimulation for Threeâ€œDimensional Neuronâ€œLike Cell Growth and Neurite Sprouting. <i>Advanced Functional Materials</i> , 2014, 24, 3715-3724.	7.8	25
82	Synergistic hierarchical silicone-modified polysaccharide hybrid as a soft scaffold to control cell adhesion and proliferation. <i>Acta Biomaterialia</i> , 2014, 10, 3546-3556.	4.1	12
83	Photoresponsive Proteinâ€œGrapheneâ€œProtein Hybrid Capsules with Dual Targeted Heatâ€œTriggered Drug Delivery Approach for Enhanced Tumor Therapy. <i>Advanced Functional Materials</i> , 2014, 24, 4144-4155.	7.8	94
84	Enhancement of cancer therapy efficacy by trastuzumab-conjugated and pH-sensitive nanocapsules with the simultaneous encapsulation of hydrophilic and hydrophobic compounds. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 99-107.	1.7	60
85	NIRâ€œTriggered Synergic Photoâ€œchemothermal Therapy Delivered by Reduced Graphene Oxide/Carbon/Mesoporous Silica Nanocookies. <i>Advanced Functional Materials</i> , 2014, 24, 451-459.	7.8	94
86	Biomedical applications and colloidal properties of amphiphilically modified chitosan hybrids. <i>Progress in Polymer Science</i> , 2013, 38, 1307-1328.	11.8	91
87	SPIO nanoparticle-stabilized PAA-F127 thermosensitive nanobubbles with MR/US dual-modality imaging and HIFU-triggered drug release for magnetically guided in vivo tumor therapy. <i>Journal of Controlled Release</i> , 2013, 172, 118-127.	4.8	87
88	Mechanism of an AZO-coated FTO film in improving the hydrogen plasma durability of transparent conducting oxide thin films for amorphous-silicon based tandem solar cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 8005.	6.7	25
89	An amphiphilic silicone-modified polysaccharide molecular hybrid with in situ forming of hierarchical superporous architecture upon swelling. <i>Soft Matter</i> , 2012, 8, 10868.	1.2	19
90	Characterization and drug release behavior of highly responsive chip-like electrically modulated reduced graphene oxideâ€œpoly(vinyl alcohol) membranes. <i>Journal of Materials Chemistry</i> , 2012, 22, 17311.	6.7	96

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91	Self-assembling PVA-F127 thermosensitive nanocarriers with highly sensitive magnetically-triggered drug release for epilepsy therapy in vivo. <i>Journal of Materials Chemistry</i> , 2012, 22, 8566.	6.7	57
92	Geometrical confinement of quantum dots in porous nanobeads with ultraefficient fluorescence for cell-specific targeting and bioimaging. <i>Journal of Materials Chemistry</i> , 2012, 22, 9568.	6.7	21
93	Microwave-activated CuO nanotip/ZnO nanorod nanoarchitectures for efficient hydrogen production. <i>Journal of Materials Chemistry</i> , 2011, 21, 324-326.	6.7	46
94	Characterization and drug release behavior of chip-like amphiphilic chitosan-silica hybrid hydrogel for electrically modulated release of ethosuximide: an in vitro study. <i>Journal of Materials Chemistry</i> , 2011, 21, 16077.	6.7	24
95	Amphiphilically-modified gelatin nanoparticles: Self-assembly behavior, controlled biodegradability, and rapid cellular uptake for intracellular drug delivery. <i>Journal of Materials Chemistry</i> , 2011, 21, 12381.	6.7	55
96	Multifunctional magnetically removable nanogated lids of Fe ₃ O ₄ -capped mesoporous silica nanoparticles for intracellular controlled release and MR imaging. <i>Journal of Materials Chemistry</i> , 2011, 21, 2535.	6.7	111
97	Magnetically-induced synthesis of highly-crystalline ternary chalcopyrite nanocrystals under ambient conditions. <i>Journal of Materials Chemistry</i> , 2010, 20, 1744.	6.7	8
98	O ₂ plasma-activated CuO-ZnO inverse opals as high-performance methanol microreformer. <i>Journal of Materials Chemistry</i> , 2010, 20, 10611.	6.7	21
99	Improvement in photovoltaic performance for hybrid P3HT/elongated CdS nanocrystals solar cells with F-doped SnO ₂ arrays. <i>Journal of Materials Chemistry</i> , 2010, 20, 5429.	6.7	15
100	A flexible drug delivery chip for the magnetically-controlled release of anti-epileptic drugs. <i>Journal of Controlled Release</i> , 2009, 139, 221-228.	4.8	58
101	Structural Evolution and Copper-Ion Release Behavior of Cu- ϵ -HEMA Hybrids Synthesized In Situ. <i>Advanced Engineering Materials</i> , 2009, 11, B219.	1.6	4
102	Core-shell CuInS ₂ /ZnS quantum dots assembled on short ZnO nanowires with enhanced photo-conversion efficiency. <i>Journal of Materials Chemistry</i> , 2009, 19, 6780.	6.7	123
103	Efficient hydrogen production using Cu-based catalysts prepared via homogeneous precipitation. <i>Journal of Materials Chemistry</i> , 2009, 19, 9186.	6.7	16
104	Surfactant-free, Self-assembled PVA-Iron Oxide/Silica Core-shell Nanocarriers for Highly Sensitive, Magnetically Controlled Drug Release and Ultrahigh Cancer Cell Uptake Efficiency. <i>Advanced Functional Materials</i> , 2008, 18, 2946-2955.	7.8	68
105	Self-Assembled Hollow Nanocapsule from Amphiphatic Carboxymethyl-hexanoyl Chitosan as Drug Carrier. <i>Macromolecules</i> , 2008, 41, 6511-6516.	2.2	85
106	High electron injection structure in hybrid solar cells. <i>Optoelectronic and Microelectronic Materials and Devices (COMMAD), Conference on</i> , 2008, , .	0.0	0
107	Heteroepitaxial growth of sixfold symmetric osmium on Si (111) and Si (100). <i>Applied Physics Letters</i> , 2007, 90, 121904.	1.5	4
108	Synthesis and Photoluminescent Properties of Wurtzite ZnS Nanorods by Hydrothermal and Co-precipitation Methods. <i>Journal of the Ceramic Society of Japan</i> , 2006, 114, 918-922.	1.3	10

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109	P-79: Engineered Surface with Improved Luminous Efficiency of Phosphor Powder for Plasma Planar Back Light. Digest of Technical Papers SID International Symposium, 2005, 36, 591.	0.1	0
110	Surface characteristics and hemocompatibility of PAN/PVDF blend membranes. Polymers for Advanced Technologies, 2005, 16, 413-419.	1.6	91
111	Preparation and characterization of YBa ₂ Cu ₃ O _{7-x} superconductor by means of a novel method combining sol-gel and combustion synthesis techniques. Journal of Materials Science, 2004, 39, 4057-4061.	1.7	7
112	Physical characteristics and electrical properties of Sr _{0.8} Bi _{2+x} Ta ₂ O ₉ films on Al ₂ O ₃ /Si annealed at high temperature. Journal of Applied Physics, 2003, 94, 6735-6740.	1.1	16
113	Title is missing!. Journal of Materials Science, 2002, 37, 169-175.	1.7	5
114	Ferroelectric characteristics of oriented Pb(Zr _{1-x} Ti _x)O ₃ films. Journal of Applied Physics, 2001, 90, 2970-2974.	1.1	78
115	Physical characteristics of photo-sensitive sol-gel derived PZT films for microcantilever. Ferroelectrics, 2001, 263, 247-252.	0.3	2
116	Physical characterization and electrical properties of chelating-agents added PZT films. Ferroelectrics, 2001, 259, 305-310.	0.3	10
117	Influence of ligand groups in Ti precursors on phase transformation and microstructural evolution of TiO ₂ thin films prepared by the wet chemical process. Journal of Materials Research, 2001, 16, 1712-1719.	1.2	13
118	Effect of lead additive on the ferroelectric properties and microstructure of Sr _x Pb _y Bi _{2z} Ta ₂ O ₉ thin films. Journal of Applied Physics, 2000, 87, 8024-8030.	1.1	18
119	Aging behavior and recovery of polarization in Sr _{0.8} Bi _{2.4} Ta ₂ O ₉ thin films. Journal of Applied Physics, 2000, 87, 3050-3055.	1.1	16
120	Texture Development, Microstructure Evolution, and Crystallization of Chemically Derived PZT Thin Films. Journal of the American Ceramic Society, 1998, 81, 97-105.	1.9	155
121	Texture Development, Microstructure Evolution, and Crystallization of Chemically Derived PZT Thin Films. , 1998, 81, 97.		1
122	Temperature-Time Texture Transition of Pb(Zr _{1-x} Ti _x)O ₃ Thin Films: I, Role of Pb-rich Intermediate Phases. Journal of the American Ceramic Society, 1994, 77, 2332-2336.	1.9	233
123	Temperature-Time Texture Transition of Pb(Zr _{1-x} Ti _x)O ₃ Thin Films: II, Heat Treatment and Compositional Effects. Journal of the American Ceramic Society, 1994, 77, 2337-2344.	1.9	140
124	Materials and microfabrication processes for next-generation brain-machine devices. SPIE Newsroom, 0, , .	0.1	4