

Tso Fu Mark Chang

List of Publications by Year in descending order

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140
papers

1,939
citations

394421

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40
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141
all docs

141
docs citations

141
times ranked

1922
citing authors

#	ARTICLE	IF	CITATIONS
1	Supercritical carbon dioxide-assisted functionalization of polyethylene terephthalate (PET) toward flexible catalytic electrodes. <i>Journal of Supercritical Fluids</i> , 2022, 180, 105455.	3.2	6
2	Supercritical carbon dioxide assisted co-electrodeposition of nickel-titanium dioxide composite film and the dispersity. <i>Journal of Supercritical Fluids</i> , 2022, 181, 105495.	3.2	4
3	Development of polypyrrole/nano-gold composite for non-enzymatic glucose sensors. <i>Micro and Nano Engineering</i> , 2022, 14, 100109.	2.9	4
4	Electrode Kinetic Study of Cu Electrodeposition with Supercritical CO ₂ by High Pressure Rotating Disk Electrode Method. <i>Journal of the Electrochemical Society</i> , 2022, 169, 020558.	2.9	1
5	Suppressed drift and low-noise sensor module with a single-axis gold proof-mass MEMS accelerometer for micro muscle sound measurement. <i>Japanese Journal of Applied Physics</i> , 2022, 61, SD1028.	1.5	5
6	Effect of current density on micro-mechanical property of electrodeposited gold film evaluated by micro-compression. <i>Surface and Coatings Technology</i> , 2022, 436, 128315.	4.8	2
7	Sample size effect in Ni-TiO ₂ composites fabricated by supercritical CO ₂ emulsified CO-electroplating for miniaturized device. <i>Micro and Nano Engineering</i> , 2022, 15, 100135.	2.9	3
8	Supercritical carbon dioxide-assisted platinum metallization of polyethylene terephthalate textile toward wearable device. <i>Micro and Nano Engineering</i> , 2022, 15, 100132.	2.9	6
9	Electrodeposition and Micro-Mechanical Property Characterization of Nickel-Cobalt Alloys toward Design of MEMS Components. <i>Electrochem</i> , 2022, 3, 198-210.	3.3	3
10	Superelastic behavior of single crystalline Ni ₄₈ Fe ₂₀ Co ₅ Ga ₂₇ micro-pillars near austenite-martensite critical point. <i>AIP Advances</i> , 2021, 11, 025213.	1.3	2
11	Morphology Control and Metallization of Porous Polymers Synthesized by Michael Addition Reactions of a Multi-Functional Acrylamide with a Diamine. <i>Materials</i> , 2021, 14, 800.	2.9	6
12	Micro-Compression Characterization and Thermal Stability of Electrolessly Plated Nickel Phosphorus Alloy. <i>ECS Journal of Solid State Science and Technology</i> , 2021, 10, 035007.	1.8	2
13	Development and Characterization of Vertically Stacked Tactile Sensor With Hollow Structure. <i>IEEE Sensors Journal</i> , 2021, 21, 5809-5818.	4.7	10
14	Metallization of 3D-printed polymer structures via supercritical carbon dioxide-assisted electroless plating. <i>MRS Communications</i> , 2021, 11, 278-282.	1.8	5
15	Effective Young's Modulus of Complex Three Dimensional Multilayered Ti/Au Micro-Cantilevers Fabricated by Electrodeposition and the Temperature Dependency. <i>Electrochem</i> , 2021, 2, 216-223.	3.3	2
16	Developments of the Electroactive Materials for Non-Enzymatic Glucose Sensing and Their Mechanisms. <i>Electrochem</i> , 2021, 2, 347-389.	3.3	4
17	Electrodeposition of Ni-Co Alloys and Their Mechanical Properties by Micro-Vickers Hardness Test. <i>Electrochem</i> , 2021, 2, 1-9.	3.3	8
18	Polyaniline-atomic Au modified platinum electrode with ionic liquid as configuration for enhanced electrochemical sensing. , 2021, , .		2

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19	Indirect Sensing of Lower Aliphatic Ester Using Atomic Gold Decorated Polyaniline Electrode. <i>Sensors</i> , 2020, 20, 3640.	3.8	6
20	Co-Electrodeposition of Au@TiO ₂ Nanocomposite and the Micro-Mechanical Properties. <i>Electrochem</i> , 2020, 1, 388-393.	3.3	1
21	Catalytic Activity of Atomic Gold-Decorated Polyaniline Support in Glucose Oxidation. <i>Electrochem</i> , 2020, 1, 394-399.	3.3	5
22	(Invited) CMOS-MEMS Based Microgravity Sensor and Its Application. <i>ECS Transactions</i> , 2020, 97, 91-108.	0.5	11
23	Near infrared-driven photoelectrochemical water splitting: Review and future prospects. <i>Arabian Journal of Chemistry</i> , 2020, 13, 8372-8387.	4.9	51
24	Sample geometry effect on mechanical property of gold micro-cantilevers by micro-bending test. <i>MRS Communications</i> , 2020, 10, 434-438.	1.8	5
25	Metallization of PET textile utilizing supercritical CO ₂ catalyzation. <i>Microelectronic Engineering</i> , 2020, 223, 111233.	2.4	10
26	Design and Development of Amperometric Gas Sensor With Atomic Au@Polyaniline/Pt Composite. <i>IEEE Sensors Journal</i> , 2020, 20, 12479-12487.	4.7	17
27	Alloy Electroplating and Young's Modulus Characterization of AuCu Alloy Microcantilevers. <i>Journal of the Electrochemical Society</i> , 2020, 167, 082503.	2.9	2
28	Reduced graphene oxides-wrapped ZnO with notable photocatalytic property. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 112, 337-344.	5.3	19
29	Roles of TiO ₂ in the highly robust Au nanoparticles-TiO ₂ modified polyaniline electrode towards non-enzymatic sensing of glucose. <i>Talanta</i> , 2020, 212, 120780.	5.5	32
30	Incorporating graphene quantum dots to enhance the photoactivity of CdSe-sensitized TiO ₂ nanorods for solar hydrogen production. <i>Journal of Materials Chemistry A</i> , 2020, 8, 13971-13979.	10.3	47
31	Electrocatalytic activity enhancement of Au NPs-TiO ₂ electrode via a facile redistribution process towards the non-enzymatic glucose sensors. <i>Sensors and Actuators B: Chemical</i> , 2020, 319, 128279.	7.8	29
32	Relationship between Current Density, Crystal Grain Size, Composition and Mechanical Properties in Electrodeposited Ni-Co Alloys. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 1457-1457.	0.0	1
33	Heterogeneous Deformation Behavior of Cu-Ni-Si Alloy by Micro-Size Compression Testing. <i>Crystals</i> , 2020, 10, 1162.	2.2	2
34	Electrodeposition of Au-Cu Alloys and the Micro-Mechanical Properties. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 1233-1233.	0.0	0
35	(Invited) CMOS-MEMS Based Microgravity Sensor and Its Application. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 1375-1375.	0.0	0
36	Electrochemical Investigation of Cu Electroplating with Supercritical CO ₂ Emulsion Using a Rotating Disk Electrode under High Pressure. <i>Journal of the Electrochemical Society</i> , 2020, 167, 162506.	2.9	3

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37	Effects of Sample Geometry on Micro-Mechanical Property of Single Crystal Gold for Applications in Microelectronics. ECS Meeting Abstracts, 2020, MA2020-02, 3307-3307.	0.0	0
38	Polyaniline Supported Atomic Gold Electrode Toward Glucose Oxidation. ECS Meeting Abstracts, 2020, MA2020-02, 1504-1504.	0.0	0
39	Effects of Sample Geometry and Grain Size on Mechanical Property of Electrodeposited Gold Evaluated By Micro-Bending Test. ECS Meeting Abstracts, 2020, MA2020-02, 3306-3306.	0.0	0
40	Micro-Compression Characterization of Electrodeposited Nickel Phosphorus Amorphous Alloys for MEMS Application. ECS Meeting Abstracts, 2020, MA2020-02, 3308-3308.	0.0	0
41	Nano-Au Catalysts Modified with TiO ₂ : Enhancement of Electrocatalytic Activity for 1-Propanol Oxidation in Alkaline Media. Journal of the Electrochemical Society, 2019, 166, F760-F767.	2.9	8
42	Electrodeposition of Gold Alloys and the Mechanical Properties. , 2019, , .		1
43	High Strength Electrodeposited Au-Cu Alloys Evaluated by Bending Test toward Movable Micro-Components. ECS Journal of Solid State Science and Technology, 2019, 8, P412-P415.	1.8	2
44	A 4.8GB/s 256Mb(x16) Reduced-Pin-Count DRAM and Controller Architecture (RPCA) to Reduce Form-Factor & Cost for IOT/Wearable/TCON/Video/AI-Edge Systems. , 2019, , .		1
45	Nanoscale Hierarchical Structure of Twins in Nanograins Embedded with Twins and the Strengthening Effect. Metals, 2019, 9, 987.	2.3	6
46	Atomic gold decorated polyaniline sensor for gaseous detection. , 2019, , .		3
47	Long-term structure stability of Ti/Au layered micro-cantilever evaluated by vibration test. Microelectronic Engineering, 2019, 207, 33-36.	2.4	3
48	Cu-alloying effect on structure stability of electrodeposited gold-based micro-cantilever evaluated by long-term vibration test. Microelectronic Engineering, 2019, 215, 111001.	2.4	3
49	Effects of current density on mechanical properties of electroplated nickel with high speed sulfamate bath. Microelectronic Engineering, 2019, 213, 18-23.	2.4	18
50	Mechanistic Insights into Photodegradation of Organic Dyes Using Heterostructure Photocatalysts. Catalysts, 2019, 9, 430.	3.5	520
51	Strengthening of micro-cantilever by Au/Ti bi-layered structure evaluated by micro-bending test toward MEMS devices. Microelectronic Engineering, 2019, 213, 13-17.	2.4	3
52	Electrodeposition of High-Functional Metal Oxide on Noble Metal for MEMS Devices. , 2019, , .		0
53	Fabrication of Au-Cu Alloy/Ti Layered Micro-Cantilevers and the Long-Term Structure Stability. , 2019, , .		1
54	<i>(Invited)</i> MEMS Accelerometer Fabricated by Gold Multi-Layer Metal Technology. ECS Transactions, 2019, 92, 169-184.	0.5	5

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55	Ni-P and TiO ₂ codeposition on silk textile via supercritical CO ₂ promoted electroless plating for flexible and wearable photocatalytic devices. <i>Electrochimica Acta</i> , 2019, 294, 68-75.	5.2	28
56	Electrodeposition of Sn/SnO ₂ Composite Materials As Anode Material for Lithium Ion Batteries and the Micro-Mechanical Property. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
57	(Invited) MEMS Accelerometer Fabricated by Gold Multi-Layer Metal Technology. <i>ECS Meeting Abstracts</i> , 2019, , .	0.0	0
58	Platinum coating on silk by a supercritical CO ₂ promoted metallization technique for applications of wearable devices. <i>Surface and Coatings Technology</i> , 2018, 350, 1028-1035.	4.8	13
59	Fully Depleted Ti-Nb-Ta-Zr-O Nanotubes: Interfacial Charge Dynamics and Solar Hydrogen Production. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 22997-23008.	8.0	70
60	Enhancement in structure stability of gold micro-cantilever by constrained fixed-end in MEMS devices. <i>Microelectronic Engineering</i> , 2018, 187-188, 105-109.	2.4	5
61	Au-Cu Alloys Prepared by Pulse Electrodeposition toward Applications as Movable Micro-Components in Electronic Devices. <i>Journal of the Electrochemical Society</i> , 2018, 165, D58-D63.	2.9	14
62	Sample size effect on micro-mechanical properties of gold electroplated with dense carbon dioxide. <i>Surface and Coatings Technology</i> , 2018, 350, 1065-1070.	4.8	8
63	Promoted bending strength in micro-cantilevers composed of nanograined gold toward MEMS applications. <i>Microelectronic Engineering</i> , 2018, 196, 20-24.	2.4	10
64	Structure Stability of Electrodeposited Au-Cu Alloy Micro-Cantilever Evaluated By Long-Term Vibration Test for Applications As Movable Components in MEMS Devices. <i>ECS Meeting Abstracts</i> , 2018, , .	0.0	0
65	High-Strength Electroplated Au-Cu Alloys as Micro-Components in MEMS Devices. <i>Journal of the Electrochemical Society</i> , 2017, 164, D244-D247.	2.9	9
66	The hydrobaric effect on cathodically deposited titanium dioxide photocatalyst. <i>MRS Communications</i> , 2017, 7, 189-192.	1.8	4
67	Deformation behavior of electroplated gold composed of nano-columnar grains embedded in micro-columnar textures. <i>Materials Letters</i> , 2017, 202, 82-85.	2.6	4
68	Micro-bending testing of electrodeposited gold for applications as movable components in MEMS devices. <i>Microelectronic Engineering</i> , 2017, 180, 15-19.	2.4	17
69	Silk-Pt composite integration by supercritical carbon dioxide assisted electroless plating for medical devices application. <i>Microelectronic Engineering</i> , 2017, 175, 34-37.	2.4	7
70	Tensile tests of micro-specimens composed of electroplated gold. <i>Microelectronic Engineering</i> , 2017, 174, 6-10.	2.4	11
71	Deformation of Biomedical AuCuAl-Based Shape Memory Alloy Micropillars. <i>MRS Advances</i> , 2017, 2, 1411-1415.	0.9	2
72	Fundamental Property Assessments of Biocompatible Silk-Pt Composite Prepared by Supercritical Carbon Dioxide Promoted Electroless Plating. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 8864-8871.	3.7	10

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73	Fabrication and Photocatalytic Performance of Au/ZnO Layered Structure on Silk Textile for Flexible Device Applications. <i>Electrochimica Acta</i> , 2017, 253, 39-46.	5.2	11
74	A Supercritical CO ₂ Promoted Electroless Ni-P Plating on Silk and Their Fundamental Characteristics Investigations. <i>Journal of the Electrochemical Society</i> , 2017, 164, D406-D411.	2.9	9
75	Long-term vibration characteristics of MEMS inertial sensors by multi-layer metal technology. , 2017, , .		2
76	A study on young's modulus of electroplated gold cantilevers for MEMS devices. , 2017, , .		5
77	Micro-compression study of Ni-Fe(Co)-Ga magnetic shape memory alloy for MEMS sensors. , 2017, , .		1
78	Evaluations of Mechanical Properties of Electrodeposited Nickel Film by Using Micro-Testing Method. <i>Materials Transactions</i> , 2016, 57, 1979-1984.	1.2	7
79	Brittle Fracture of Electrodeposited Gold Observed by Micro-Compression. <i>Materials Transactions</i> , 2016, 57, 1257-1260.	1.2	6
80	Effect of annealing on mechanical properties of nickel electrodeposited using supercritical CO ₂ emulsion evaluated by micro-compression test. <i>Microelectronic Engineering</i> , 2016, 153, 101-104.	2.4	2
81	Pulse electroplating of ultra-fine grained Au films with high compressive strength. <i>Electrochemistry Communications</i> , 2016, 67, 51-54.	4.7	33
82	Enhancement of mechanical strength in Au films electroplated with supercritical carbon dioxide. <i>Electrochemistry Communications</i> , 2016, 72, 126-130.	4.7	11
83	Deformation Behavior of Pure Cu and Cu-Ni-Si Alloy Evaluated by Micro-Tensile Testing. <i>Materials Transactions</i> , 2016, 57, 1897-1901.	1.2	5
84	Application of supercritical carbon dioxide in catalyzation and Ni-P electroless plating of nylon 6,6 textile. <i>Surface and Coatings Technology</i> , 2016, 302, 336-343.	4.8	25
85	Structure stability of high aspect ratio Ti/Au two-layer cantilevers for applications in MEMS accelerometers. <i>Microelectronic Engineering</i> , 2016, 159, 90-93.	2.4	12
86	Effects of Pressure in Cathodic Deposition of TiO ₂ and SnO ₂ with Supercritical CO ₂ Emulsified Electrolyte. <i>Electrochimica Acta</i> , 2016, 208, 244-250.	5.2	5
87	High aspect ratio micro-hole filling employing emulsified supercritical CO ₂ electrolytes. <i>Journal of Supercritical Fluids</i> , 2016, 109, 61-66.	3.2	9
88	Metallization of polyimide films with enlarged area by conducting the catalyzation in supercritical carbon dioxide. <i>Microelectronic Engineering</i> , 2016, 153, 1-4.	2.4	9
89	Metallization of textile by Pt catalyzation in supercritical carbon dioxide and Pt electroless plating for applications in wearable devise. <i>Microelectronic Engineering</i> , 2016, 153, 92-95.	2.4	8
90	Pulse Electroplating of Au Films with Ultra High Strength. <i>ECS Meeting Abstracts</i> , 2016, , .	0.0	0

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91	Metallization on Silk Utilizing Supercritical Carbon Dioxide Assisted Electroless Plating for Wearable Device. ECS Meeting Abstracts, 2016, , .	0.0	0
92	The Effect of Pressurized Carbon Dioxide in Cathodic Deposition of Metal Oxide Films. ECS Meeting Abstracts, 2016, , .	0.0	0
93	Fine Grained Au Films with Controllable Mechanical Strength By Pulse Plating for Micro-Electrical-Mechanical System Accelerometer. ECS Meeting Abstracts, 2016, , .	0.0	0
94	Evaluations of Mechanical Properties of Electrodeposited Nickel Film by Using Micro-Testing Method. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2015, 80, 7-12.	0.4	0
95	Deformation Behaviour of Al-Mg Alloy Bi-Crystal Micro-Pillar Evaluated by Micro-Compression Test. Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals, 2015, 80, 66-70.	0.4	1
96	Preparation and characterization of palladium-hydride-coated titanium as a reference electrode for the supercritical carbon dioxide emulsion electrochemical system. Electrochimica Acta, 2015, 155, 209-216.	5.2	2
97	Mechanical properties of Sn electrodeposited in supercritical CO ₂ emulsions using micro-compression test. Microelectronic Engineering, 2015, 141, 219-222.	2.4	5
98	Crystal Growth of Cobalt Film Fabricated by Electrodeposition with Dense Carbon Dioxide. Journal of the Electrochemical Society, 2015, 162, D423-D426.	2.9	11
99	Tensile behavior of micro-sized specimen made of single crystalline nickel. Materials Letters, 2015, 153, 36-39.	2.6	23
100	Tensile behavior of micro-sized specimen fabricated from nanocrystalline nickel film. Microelectronic Engineering, 2015, 141, 17-20.	2.4	14
101	Electrodeposition of Tin Using Supercritical Carbon Dioxide Emulsions. ECS Electrochemistry Letters, 2014, 3, D44-D45.	1.9	4
102	Cu wiring into nano-scale holes by electrodeposition in supercritical carbon dioxide emulsified electrolyte with a continuous-flow reaction system. Journal of Supercritical Fluids, 2014, 90, 60-64.	3.2	13
103	Sample size effect of electrodeposited nickel with sub-10nm grain size. Materials Letters, 2014, 117, 256-259.	2.6	28
104	Effects of Fluorinated Surfactant in Cathodic Deposition of TiO ₂ Films with Supercritical CO ₂ Emulsified Electrolyte. ECS Electrochemistry Letters, 2014, 3, D1-D2.	1.9	3
105	Fabrication of TiO ₂ micro-structures by cathodic deposition. Microelectronic Engineering, 2014, 121, 80-82.	2.4	6
106	Porous nickel films plated in supercritical carbon dioxide emulsified electrolyte using a series of fluorinated nonionic surfactants. Surface and Coatings Technology, 2014, 259, 325-329.	4.8	0
107	Mechanical properties of Cu electroplated in supercritical CO ₂ emulsion evaluated by micro-compression test. Microelectronic Engineering, 2014, 121, 83-86.	2.4	5
108	Mechanical properties of nickel fabricated by electroplating with supercritical CO ₂ emulsion evaluated by micro-compression test using non-tapered micro-sized pillar. Microelectronic Engineering, 2013, 110, 270-273.	2.4	34

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109	Micro-compression test using non-tapered micro-pillar of electrodeposited Cu. <i>Microelectronic Engineering</i> , 2013, 111, 118-121.	2.4	24
110	Supercritical CO ₂ -Assisted Electrochemical Deposition of ZnO Mesocrystals for Practical Photoelectrochemical Applications. <i>Journal of Physical Chemistry C</i> , 2013, 117, 25596-25603.	3.1	38
111	Cathodic deposition of TiO ₂ thin films with supercritical CO ₂ emulsified electrolyte. <i>Electrochemistry Communications</i> , 2013, 33, 68-71.	4.7	5
112	Abnormally large Ni grains epitaxially grown by electrodeposition on Cu substrate. <i>Thin Solid Films</i> , 2013, 529, 385-388.	1.8	6
113	Crystal growth on novel Cu electroplating using suspension of supercritical CO ₂ in electrolyte with Cu particles. <i>Surface and Coatings Technology</i> , 2013, 231, 77-80.	4.8	18
114	Effects of pressure on electroplating of copper using supercritical carbon dioxide emulsified electrolyte. <i>Thin Solid Films</i> , 2013, 529, 25-28.	1.8	34
115	Crystallographic study on self-annealing of electroplated copper at room temperature. <i>Materials Science in Semiconductor Processing</i> , 2013, 16, 633-639.	4.0	17
116	Quantitative study on removal of SU-8 photoresist patterns by supercritical CO ₂ emulsion. <i>Microelectronic Engineering</i> , 2013, 110, 204-206.	2.4	5
117	Cu electroplating using suspension of supercritical carbon dioxide in copper-sulfate-based electrolyte with Cu particles. <i>Thin Solid Films</i> , 2013, 529, 29-33.	1.8	16
118	Micro-Compression Test of Nanocrystalline Nickel Deposited by Supercritical Carbon Dioxide Emulsion. <i>Applied Mechanics and Materials</i> , 2013, 284-287, 163-167.	0.2	1
119	Intact Ultrathin Ni Films Fabricated by Electroplating with Supercritical CO ₂ Emulsion. <i>Applied Mechanics and Materials</i> , 2013, 284-287, 147-151.	0.2	0
120	Control of Pore Structure in Porous Nickel Films Fabricated by Electroplating with Supercritical CO ₂ Emulsion. <i>ECS Electrochemistry Letters</i> , 2013, 2, D43-D44.	1.9	1
121	Effects of Specimen Dimensions on Adhesive Shear Strength between a Microsized SU-8 Column and a Silicon Substrate. <i>Japanese Journal of Applied Physics</i> , 2012, 51, 06FL19.	1.5	1
122	Filling of nanoscale holes with high aspect ratio by Cu electroplating using suspension of supercritical carbon dioxide in electrolyte with Cu particles. <i>Microelectronic Engineering</i> , 2012, 97, 126-129.	2.4	20
123	Evaluation of anisotropic structure in electrodeposited Ni film using micro-sized cantilever. <i>Microelectronic Engineering</i> , 2012, 100, 25-27.	2.4	11
124	Development of Supercritical Nano Plating and the Application into Superfine Wiring. <i>Journal of the Japan Society for Precision Engineering</i> , 2012, 78, 1030-1033.	0.1	0
125	Defect-Free Nickel Micropillars Fabricated at a High Current Density by Application of a Supercritical Carbon Dioxide Emulsion. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 8080-8085.	3.7	7
126	Electrochemical Study on Electroplating with Supercritical Carbon Dioxide Emulsion. <i>ECS Meeting Abstracts</i> , 2011, . .	0.0	0

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127	Study on delamination mechanism of SU-8 micropillars on a Si-substrate under bend loading by Weibull analysis. <i>Microelectronic Engineering</i> , 2011, 88, 2132-2134.	2.4	4
128	Effects of supercritical carbon dioxide treatment on bending properties of micro-sized SU-8 Specimens. <i>Microelectronic Engineering</i> , 2011, 88, 2272-2274.	2.4	8
129	Void-free micro-pattern of nickel fabricated by electroplating with supercritical carbon dioxide emulsion. <i>Microelectronic Engineering</i> , 2011, 88, 2225-2228.	2.4	14
130	Pd-Ni-P metallic glass pattern with controllable microstructure fabricated by electroless alloy plating. <i>Microelectronic Engineering</i> , 2011, 88, 2401-2404.	2.4	6
131	Function and mechanism of supercritical carbon dioxide emulsified electrolyte in nickel electroplating reaction. <i>Surface and Coatings Technology</i> , 2011, 205, 3890-3899.	4.8	40
132	Strengthening effect of twin boundaries in bcc crystal evaluated through a micro-bending test. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1297, 161.	0.1	1
133	Bright nickel film deposited by supercritical carbon dioxide emulsion using additive-free Watts bath. <i>Electrochimica Acta</i> , 2010, 55, 6469-6475.	5.2	67
134	Preparation of Monolithic Silica Aerogel of Low Thermal Conductivity by Ambient Pressure Drying. <i>Journal of the American Ceramic Society</i> , 2007, 90, 2003-2007.	3.8	180
135	Crystal Growth by Electrodeposition with Supercritical Carbon Dioxide Emulsion. , 0, , .		0
136	Mechanical Property Evaluation of Electrodeposited Nanocrystalline Metals by Micro-testing. , 0, , .		0
137	Nanoscale Cu Wiring by Electrodeposition in Supercritical Carbon Dioxide Emulsified Electrolyte. , 0, , .		0
138	Evaluation Methods of Mechanical Properties of Micro-Sized Specimens. , 0, , .		0
139	Pulse-Current Electrodeposition of Gold. , 0, , .		0
140	The Structure and Micro-Mechanical Properties of Electrodeposited Cobalt Films by Micro-Compression Test. <i>Journal of the Electrochemical Society</i> , 0, , .	2.9	3