

# Chuanzhong Chen

## List of Publications by Year in descending order

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122  
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3249  
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#	ARTICLE	IF	CITATIONS
1	Microstructure and mechanical behavior of the laser synthesized composites modified by micro/nano scale rare earth oxides. <i>Journal of Alloys and Compounds</i> , 2022, 895, 162641.	5.5	6
2	In situ formed TiB <sub>2</sub> /TiC complex structure in laser-alloyed coatings with improved wear property. <i>Ceramics International</i> , 2022, 48, 7056-7062.	4.8	13
3	Research status of laser cladding material system on titanium alloy. <i>Journal of Physics: Conference Series</i> , 2022, 2256, 012021.	0.4	0
4	The Application of Freeze-casting Method for Fabrication of Calcium Phosphate Biomaterials. , 2022, , .		0
5	The Application of 3D Printing Technology in Fabrication of Calcium Phosphate-based Biomaterials for Bone Repairment. , 2022, , .		0
6	Catalytic FeP decorated carbon black as a multifunctional conducting additive for high-performance lithium-sulfur batteries. <i>Carbon</i> , 2021, 172, 96-105.	10.3	60
7	P-doped CoSe <sub>2</sub> nanoparticles embedded in 3D honeycomb-like carbon network for long cycle-life Na-ion batteries. <i>Journal of Materials Science and Technology</i> , 2021, 77, 100-107.	10.7	32
8	Ag-containing antibacterial self-healing micro-arc oxidation coatings on Mg-Zn-Sr alloys. <i>Surface Engineering</i> , 2021, 37, 926-941.	2.2	19
9	Bioactive MAO/CS composite coatings on Mg-Zn-Ca alloy for orthopedic applications. <i>Progress in Organic Coatings</i> , 2021, 152, 106112.	3.9	13
10	High-content Co-Nx sites on carbon nanotubes for effective sulfur catalysis in lithium-sulfur batteries. <i>Applied Surface Science</i> , 2021, 541, 148632.	6.1	15
11	Se-doped CoP nanoparticles confined in 3D porous carbon frameworks with enlarged interlayer spacings boost potassium-ion storage. <i>Applied Surface Science</i> , 2021, 543, 148867.	6.1	17
12	Laser alloying with Fe-B <sub>4</sub> C-Ti on AA6061 for improved wear resistance. <i>Surface Engineering</i> , 2021, 37, 1503-1513.	2.2	3
13	Influence of Surface Post-Processing on Crystal Refinement and Characteristics of Hopeite Coating by Phosphating. <i>Coatings</i> , 2021, 11, 541.	2.6	3
14	Carbon nanotubes modified by Co <sub>3</sub> O <sub>4</sub> nanoparticles as efficient sulfur host for high-performance lithium-sulfur batteries. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 17716-17725.	2.2	2
15	Ultrasonic Induced Refinement of Induction Heated Oxide Coating on Titanium. <i>Coatings</i> , 2021, 11, 812.	2.6	0
16	Dendrite-Free Li Metal Anodes and the Formation of Plating Textures with a High Transference Number Modified Separator. <i>Small</i> , 2021, 17, e2101881.	10.0	10
17	In-situ TiB <sub>2</sub> -TiC reinforced Fe-Al composite coating on 6061 aluminum alloy by laser surface modification. <i>Journal of Materials Processing Technology</i> , 2021, 294, 117107.	6.3	24
18	Enhanced corrosion resistance of magnesium alloy by plasma electrolytic oxidation plus hydrothermal treatment. <i>Surface and Coatings Technology</i> , 2021, 424, 127662.	4.8	22

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19	Research status of laser additive manufacturing for metal: a review. <i>Journal of Materials Research and Technology</i> , 2021, 15, 855-884.	5.8	110
20	Laser Cladding Induced Spherical Graphitic Phases by Super-Assembly of Graphene-Like Microstructures and the Antifriction Behavior. <i>ACS Central Science</i> , 2021, 7, 318-326.	11.3	8
21	Layer by layer assembled chitosan (TiO <sub>2</sub> )-heparin composite coatings on MAO-coated Mg alloys. <i>Materials Letters</i> , 2020, 281, 128640.	2.6	11
22	The Reliability Design of Switch Chip Based on THENA Process Stimulation System. <i>Journal of Physics: Conference Series</i> , 2020, 1650, 032107.	0.4	0
23	Influence of temperature on the soldering process of CLCC-3 package components using AuSn20 solder. <i>AIP Advances</i> , 2020, 10, 055105.	1.3	0
24	Improving the corrosion resistance of micro-arc oxidation coated Mg-Zn-Ca alloy. <i>RSC Advances</i> , 2020, 10, 8244-8254.	3.6	14
25	Effect of Temperature on the Chip Soldering Process with AuCu0.03 Alloy Solder. <i>Crystals</i> , 2020, 10, 59.	2.2	2
26	WEAR PROPERTIES AND CHARACTERIZATION OF LASER-DEPOSITED NI-BASE COMPOSITES ON 304 STAINLESS STEEL. <i>Surface Review and Letters</i> , 2020, 27, 1950219.	1.1	1
27	The effect of Nb and Si on the hot corrosion behaviors of TiAl coatings on a Ti-6Al-4V alloy. <i>Corrosion Science</i> , 2020, 168, 108578.	6.6	26
28	Preparation and microstructure of MAO/CS composite coatings on Mg alloy. <i>Materials Letters</i> , 2020, 271, 127729.	2.6	19
29	Controlled sulfidation towards achieving core-shell 1D-NiMoO <sub>4</sub> @ 2D-NiMoS <sub>4</sub> architecture for high-performance asymmetric supercapacitor. <i>Journal of Alloys and Compounds</i> , 2019, 804, 27-34.	5.5	39
30	Mixed-valent MnSiO <sub>3</sub> /C nanocomposite for high-performance asymmetric supercapacitor. <i>Journal of Colloid and Interface Science</i> , 2019, 556, 239-248.	9.4	21
31	Preparation and characterization of composite coating on Mg-1.74Zn-0.55Ca alloy by micro-arc oxidation combined with sol-gel method. <i>Materials Letters</i> , 2019, 255, 126578.	2.6	21
32	Degradable magnesium-based alloys for biomedical applications: The role of critical alloying elements. <i>Journal of Biomaterials Applications</i> , 2019, 33, 1348-1372.	2.4	61
33	Corrosion behaviour of micro-arc oxidation coatings on Mg <sub>2</sub> Sr prepared in poly(ethylene Terephthalate) matrix. <i>Journal of Materials Research</i> , 2019, 30, 1000-1008.	3.8	5
34	Biological properties of calcium phosphate biomaterials for bone repair: a review. <i>RSC Advances</i> , 2018, 8, 2015-2033.	3.6	134
35	Chitosan composite scaffolds for articular cartilage defect repair: a review. <i>RSC Advances</i> , 2018, 8, 3736-3749.	3.6	62
36	Effect of calcium on the microstructure and corrosion behavior of microarc oxidized Mg-xCa alloys. <i>Biointerphases</i> , 2018, 13, 011003.	1.6	10

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37	Bioactivity of hydroxyapatite/wollastonite composite films deposited by pulsed laser. <i>Ceramics International</i> , 2018, 44, 10204-10209.	4.8	14
38	Microstructure and high-temperature oxidation resistance of Ti-Al-Nb coatings on a Ti-6Al-4V alloy fabricated by laser surface alloying. <i>Surface and Coatings Technology</i> , 2018, 344, 479-488.	4.8	53
39	Laser surface alloying on aluminum and its alloys: A review. <i>Optics and Lasers in Engineering</i> , 2018, 100, 23-37.	3.8	125
40	Formation of silicon-calcium-phosphate-containing coating on Mg-Zn-Ca alloy by a two-step micro-arc oxidation technique. <i>Materials Letters</i> , 2018, 212, 37-40.	2.6	20
41	Effect of the second-step voltages on the structural and corrosion properties of silicon-calcium-phosphate (Si-CaP) coatings on Mg-Zn-Ca alloy. <i>Royal Society Open Science</i> , 2018, 5, 172410.	2.4	14
42	Microstructure and high temperature oxidation behavior of Ti-Al-Nb-Si coatings on Ti-6Al-4V alloy. <i>Journal of Alloys and Compounds</i> , 2018, 765, 46-57.	5.5	34
43	Influence of silicon on growth mechanism of micro-arc oxidation coating on cast Al-Si alloy. <i>Royal Society Open Science</i> , 2018, 5, 172428.	2.4	18
44	Microstructure and wear resistance of composite coating by laser cladding Ni60A/B4C pre-placed powders on Ti-6Al-4V substrate. <i>Science and Engineering of Composite Materials</i> , 2017, 24, 541-546.	1.4	10
45	Microstructure and wear property of the Ti-5Si3/TiC reinforced Co-based coatings fabricated by laser cladding on Ti-6Al-4V. <i>Optics and Laser Technology</i> , 2017, 92, 156-162.	4.6	89
46	Research and development status of laser cladding on magnesium alloys: A review. <i>Optics and Lasers in Engineering</i> , 2017, 93, 195-210.	3.8	215
47	Effects of calcium salts on microstructure and corrosion behavior of micro-arc oxidation coatings on Mg-2Zn-1Ca-0.8 Mn alloy. <i>Materials Letters</i> , 2017, 196, 42-45.	2.6	27
48	Research status of magnesium alloys by micro-arc oxidation: a review. <i>Surface Engineering</i> , 2017, 33, 731-738.	2.2	70
49	Preparation and characterization of a calcium-phosphate-silicon coating on a Mg-Zn-Ca alloy via two-step micro-arc oxidation. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 15110-15119.	2.8	22
50	Effects of sintering temperature on the properties of alumina/hydroxyapatite composites. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 84, 23-27.	2.4	13
51	Microstructure and properties of Ti-Al coating and Ti-Al-Si system coatings on Ti-6Al-4V fabricated by laser surface alloying. <i>Surface and Coatings Technology</i> , 2017, 309, 805-813.	4.8	68
52	Effect of process parameters on the microstructure evolution and wear property of the laser cladding coatings on Ti-6Al-4V alloy. <i>Journal of Alloys and Compounds</i> , 2017, 692, 989-996.	5.5	131
53	Effect of phosphate additives on the microstructure, bioactivity, and degradability of microarc oxidation coatings on Mg-Zn-Ca-Mn alloy. <i>Biointerphases</i> , 2016, 11, 031006.	1.6	7
54	MECHANICAL PROPERTIES AND HIGH TEMPERATURE OXIDATION BEHAVIOR OF Ti-Al COATING REINFORCED BY NITRIDES ON Ti-6Al-4V ALLOY. <i>Surface Review and Letters</i> , 2016, 23, 1650031.	1.1	2

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55	Characterization and biodegradation behavior of micro-arc oxidation coatings formed on Mg-Zn-Ca alloys in two different electrolytes. RSC Advances, 2016, 6, 104808-104818.	3.6	10
56	High temperature oxidation behavior and research status of modifications on improving high temperature oxidation resistance of titanium alloys and titanium aluminides: A review. Journal of Alloys and Compounds, 2016, 685, 784-798.	5.5	366
57	Microstructure and property of composite coatings on titanium alloy deposited by laser cladding with Co <sub>42</sub> +TiN mixed powders. Journal of Alloys and Compounds, 2016, 686, 74-81.	5.5	57
58	Formation of calcium phosphate coating on Mg-Zn-Ca alloy by micro-arc oxidation technique. Materials Letters, 2016, 164, 575-578.	2.6	20
59	Fabrication of Co-Based Coatings on Titanium Alloy by Laser Cladding with CeO <sub>2</sub> Addition. Materials and Manufacturing Processes, 2016, 31, 1461-1467.	4.7	30
60	Preparation of Si-containing oxide coating and biomimetic apatite induction on magnesium alloy. Applied Surface Science, 2016, 388, 148-154.	6.1	15
61	Effect of Na <sub>2</sub> WO <sub>4</sub> on Growth Process and Corrosion Resistance of Micro-arc Oxidation Coatings on 2A12 Aluminum Alloys in CH <sub>3</sub> COONa Electrolyte. Journal of Materials Engineering and Performance, 2016, 25, 297-303.	2.5	13
62	Structure and in vitro bioactivity of ceramic coatings on magnesium alloys by microarc oxidation. Applied Surface Science, 2016, 388, 114-119.	6.1	39
63	High-temperature oxidation behavior of Ni-based superalloys with Nb and Y and the interface characteristics of oxidation scales. Surface and Interface Analysis, 2015, 47, 362-370.	1.8	33
64	Review of the biocompatibility of micro-arc oxidation coated titanium alloys. Materials and Design, 2015, 85, 640-652.	7.0	271
65	Influence of Nb and Y on Hot Corrosion Behavior of Ni-Cr-based Superalloys. Materials and Manufacturing Processes, 2015, 30, 677-684.	4.7	15
66	Microstructures and wear properties of laser cladding Co-based composite coatings on Ti-6Al-4V. Materials & Design, 2015, 80, 174-181.	5.1	114
67	Microstructures and properties of TiN reinforced Co-based composite coatings modified with Y <sub>2</sub> O <sub>3</sub> by laser cladding on Ti-6Al-4V alloy. Journal of Alloys and Compounds, 2015, 650, 178-184.	5.5	98
68	Fabrication of Ni-Based Superalloys Containing Nb and Their High Temperature Oxidation Behaviors. Materials and Manufacturing Processes, 2015, 30, 1364-1369.	4.7	16
69	In vitro degradation and electrochemical corrosion evaluations of microarc oxidized pure Mg, Mg-Ca and Mg-Ca-Zn alloys for biomedical applications. Materials Science and Engineering C, 2015, 47, 85-96.	7.3	67
70	Effect of current density on the microstructure and corrosion resistance of microarc oxidized ZK60 magnesium alloy. Biointerphases, 2014, 9, 031009.	1.6	7
71	Dissolution and precipitation behaviors of silicon-containing ceramic coating on Mg-Zn-Ca alloy in simulated body fluid. Colloids and Surfaces B: Biointerfaces, 2014, 122, 746-751.	5.0	28
72	The influence of Nb on hot corrosion behavior of Ni-based superalloy at 800 °C in a mixture of Na <sub>2</sub> SO <sub>4</sub> -NaCl. Journal of Materials Research, 2014, 29, 2596-2603.	2.6	17

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73	Research status of laser cladding on titanium and its alloys: A review. <i>Materials &amp; Design</i> , 2014, 58, 412-425.	5.1	451
74	Influence of Al <sub>2</sub> O <sub>3</sub> -Y <sub>2</sub> O <sub>3</sub> and Ce-Al-Ni amorphous alloy on physical properties of laser synthetic composite coatings on titanium alloys. <i>Surface and Coatings Technology</i> , 2014, 247, 55-60.	4.8	13
75	Physical Properties and Formation Mechanism of Copper/Glass Modified Laser Nanocrystals-Amorphous Reinforced Coatings. <i>Journal of Physical Chemistry C</i> , 2013, 117, 4568-4573.	3.1	19
76	Microstructure characteristics of laser alloying composite coatings in nitrogen protective atmosphere. <i>Science and Engineering of Composite Materials</i> , 2013, .	1.4	1
77	MICRO-STRUCTURES OF HARD COATINGS DEPOSITED ON TITANIUM ALLOYS BY LASER ALLOYING TECHNIQUE. <i>Surface Review and Letters</i> , 2013, 20, 1350007.	1.1	6
78	Effect of ZrO <sub>2</sub> (YPSZ) on Microstructure Characteristic and Wear Resistance of the Ti <sub>3</sub> Al/TiC Laser-Cladded Ceramic Layer on Titanium Alloy. <i>International Journal of Applied Ceramic Technology</i> , 2012, 9, 947-952.	2.1	7
79	Effect of SiC/nano-CeO <sub>2</sub> on wear resistance and microstructures of Ti <sub>3</sub> Al/Ti <sub>3</sub> Al-Ni matrix laser-cladded composite coating on Ti-6Al-4V alloy. <i>Surface and Interface Analysis</i> , 2012, 44, 559-564.	1.8	11
80	Surface modification of titanium alloy with laser cladding RE oxides reinforced Ti <sub>3</sub> Al matrix composites. <i>Composites Part B: Engineering</i> , 2012, 43, 1207-1212.	12.0	45
81	Microstructures and wear properties of YPSZ/CeO <sub>2</sub> reinforced composites deposited by laser cladding. <i>Composites Part B: Engineering</i> , 2012, 43, 896-901.	12.0	26
82	Influence of Cu on microstructure and wear resistance of TiC/TiB/TiN reinforced composite coating fabricated by laser cladding. <i>Materials Chemistry and Physics</i> , 2012, 133, 741-745.	4.0	52
83	Phase constituents and microstructure of laser cladding Al <sub>2</sub> O <sub>3</sub> /Ti <sub>3</sub> Al reinforced ceramic layer on titanium alloy. <i>Journal of Alloys and Compounds</i> , 2011, 509, 4882-4886.	5.5	44
84	PHASE CONSTITUENTS AND MICROSTRUCTURE OF Ti <sub>3</sub> Al/Fe <sub>3</sub> Al + TiN/TiB <sub>2</sub> COMPOSITE COATING ON TITANIUM ALLOY. <i>Surface Review and Letters</i> , 2011, 18, 103-108.	1.1	13
85	A study on wear resistance and microcrack of the Ti <sub>3</sub> Al/TiAl + TiC ceramic layer deposited by laser cladding on Ti-6Al-4V alloy. <i>Applied Surface Science</i> , 2010, 257, 1550-1555.	6.1	90
86	Effects of the substrate temperature on the bioglass films deposited by pulsed laser. <i>Applied Surface Science</i> , 2008, 254, 6897-6901.	6.1	12
87	The influences of target properties and deposition times on pulsed laser deposited hydroxyapatite films. <i>Applied Surface Science</i> , 2008, 255, 619-621.	6.1	4
88	Hydroxyapatite coating on Ti6Al4V alloy by a sol-gel method. <i>Journal of Materials Science: Materials in Medicine</i> , 2008, 19, 2281-2286.	3.6	45
89	Characterization of Hydroxyapatite Films Prepared by Pulsed Laser Deposition. <i>Crystal Growth and Design</i> , 2008, 8, 219-223.	3.0	13
90	The role of the pressure in pulsed laser deposition of bioactive glass films. <i>Journal of Non-Crystalline Solids</i> , 2008, 354, 4000-4004.	3.1	23

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91	INFLUENCE OF THE TECHNICAL PARAMETERS ON BIOACTIVE FILMS DEPOSITED BY PULSED LASER. <i>Surface Review and Letters</i> , 2007, 14, 283-291.	1.1	4
92	SURFACE BEHAVIOR OF BIOACTIVE GLASS OF Si-Na-Ca-P SYSTEM IN SIMULATED BODY FLUID. <i>Surface Review and Letters</i> , 2007, 14, 49-55.	1.1	1
93	Microstructure of yttrium calcium phosphate bioceramic coatings synthesized by laser cladding. <i>Applied Surface Science</i> , 2007, 253, 4016-4020.	6.1	39
94	Effects of sol-gel processing parameters on the phases and microstructures of HA films. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 57, 237-242.	5.0	19
95	Fabrication and characterization of hydroxyapatite microspheres obtained by ultrasonic atomization method. <i>Frontiers of Materials Science in China</i> , 2007, 1, 210-214.	0.5	0
96	APPLICATIONS OF ELECTROPHORETIC DEPOSITION IN THE COATING AND POROUS MATERIALS FABRICATIONS. <i>Surface Review and Letters</i> , 2006, 13, 103-109.	1.1	3
97	DEVELOPMENT OF HYDROXYAPATITE COATING PREPARED BY SOL-GEL TECHNIQUE. <i>Surface Review and Letters</i> , 2006, 13, 737-745.	1.1	3
98	Pulsed laser deposition of hydroxyapatite thin films under Ar atmosphere. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2006, 429, 25-29.	5.6	15
99	Effects of technological parameters on the microstructure of laser remelted hydroxyapatite (HA) coatings. <i>Journal Physics D: Applied Physics</i> , 2006, 39, 1169-1173.	2.8	4
100	STRUCTURE AND ELEMENT DISTRIBUTION OF Al <sub>2</sub> O <sub>3</sub> COATING ON ZL109 ALLOY BY PLASMA ELECTROLYSIS OXIDATION. <i>Surface Review and Letters</i> , 2006, 13, 503-507.	1.1	1
101	EFFECTS OF TECHNICAL PARAMETERS ON THE PULSED LASER DEPOSITED FERROELECTRIC FILMS. <i>Surface Review and Letters</i> , 2006, 13, 687-695.	1.1	1
102	RESEARCH STATUS ABOUT SURFACE MODIFICATION OF BIOMEDICAL Ti AND ITS ALLOYS BY MICRO-ARC OXIDATION. <i>Surface Review and Letters</i> , 2006, 13, 35-43.	1.1	23
103	CHARACTERIZATION OF ISOTHERMAL OXIDATION OF AIR PLASMA SPRAYED NiCrAlY COATINGS. <i>Surface Review and Letters</i> , 2006, 13, 551-555.	1.1	1
104	MICROSTRUCTURE AND ELEMENT DISTRIBUTIONS OF CERAMIC-LIKE COATINGS ON THE AZ91 ALLOY BY MICRO-ARC OXIDATION. <i>Surface Review and Letters</i> , 2006, 13, 63-68.	1.1	8
105	HYDROXYAPATITE THIN FILMS ON TITANIUM DEPOSITED BY KrF LASER. <i>Surface Review and Letters</i> , 2006, 13, 451-455.	1.1	1
106	MICROSTRUCTURE OF PLASMA-SPRAYED Al <sub>2</sub> O <sub>3</sub> -ZrO <sub>2</sub> COMPOSITE COATINGS. <i>Surface Review and Letters</i> , 2006, 13, 545-549.	1.1	1
107	BONDING ZONE MORPHOLOGIES CHARACTERISTICS OF LASER REMELTED HA COATINGS. <i>Surface Review and Letters</i> , 2006, 13, 655-660.	1.1	0
108	DEVELOPMENT OF LASER CLADDING WEAR-RESISTANT COATING ON TITANIUM ALLOYS. <i>Surface Review and Letters</i> , 2006, 13, 645-654.	1.1	8



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109	CHARACTERIZATION OF SOME METHODS OF PREPARATION FOR BIOACTIVE GLASS COATING ON IMPLANTS. Surface Review and Letters, 2006, 13, 93-102.	1.1	6
110	THE EFFECT OF RARE EARTH ON THE STRUCTURE AND PERFORMANCE OF LASER CLAD COATINGS. Surface Review and Letters, 2006, 13, 509-517.	1.1	23
111	Influence of laser remelting on the microstructure and phases constitution of plasma sprayed hydroxyapatite coatings. Applied Surface Science, 2005, 250, 98-103.	6.1	22
112	Pulsed laser deposition and its current research status in preparing hydroxyapatite thin films. Applied Surface Science, 2005, 252, 1538-1544.	6.1	101
113	THE CURRENT TECHNIQUES FOR PREPARING BIOGLASS COATINGS. Surface Review and Letters, 2005, 12, 505-513.	1.1	17
114	THE APPLICATION OF PULSED LASER DEPOSITION IN PRODUCING BIOACTIVE CERAMIC FILMS. Surface Review and Letters, 2005, 12, 401-408.	1.1	8
115	DEVELOPMENT OF PREPARATION OF THE FUNCTIONAL THIN FILMS BY PULSED LASER DEPOSITION. Surface Review and Letters, 2005, 12, 597-604.	1.1	3
116	THE TARGET MORPHOLOGY DURING PULSED LASER DEPOSITION OF HYDROXYAPATITE THIN FILMS. Surface Review and Letters, 2005, 12, 539-543.	1.1	3
117	MICROSTRUCTURE AND GROWTH PROCESS OF Al <sub>2</sub> O <sub>3</sub> FILM ON PURE ALUMINUM BY MICRO-ARC OXIDATION. Surface Review and Letters, 2005, 12, 781-785.	1.1	7
118	PREPARATION AND MICROSTRUCTURE OF THIN TiO <sub>2</sub> FILMS CONTAINING Ca AND P USING MICRO-ARC OXIDATION. Surface Review and Letters, 2005, 12, 555-559.	1.1	1
119	SOLIDIFICATION MECHANISM OF LASER REMELTED BIOACTIVE HA COATINGS. Surface Review and Letters, 2005, 12, 819-823.	1.1	1
120	ADVANCEMENT IN PREPARATION OF HYDROXYAPATITE/BIOGLASS GRADED COATINGS BY ELECTROPHORETIC DEPOSITION. Surface Review and Letters, 2005, 12, 773-779.	1.1	7
121	Laser surface remelting and resolidifying process of Zn-27 wt.% Al alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2002, 323, 103-109.	5.6	4
122	Comparison of laser-clad and furnace-melted Ni-based alloy microstructures. Surface and Coatings Technology, 2001, 137, 122-135.	4.8	111