Rong Tu

List of Publications by Year
in descending order

292 papers	3,501 citations	201674 27 h-index	330143 37 g-index
303 all docs	303 docs citations	303 times ranked	3024 citing authors

#	Article	IF	Citations
1	Chemical Vapor Deposition Mediated Phase Engineering for 2D Transition Metal Dichalcogenides: Strategies and Applications. Small Science, 2022, 2, 2100047.	9.9	35
2	Influence of spark plasma sintering conditions on microstructure, carbon contamination, and transmittance of CaF2 ceramics. Journal of the European Ceramic Society, 2022, 42, 245-257.	5.7	18
3	Fabrication of porous SiC nanostructured coatings on C/C composite by laser chemical vapor deposition for improving the thermal shock resistance. Ceramics International, 2022, , .	4.8	5
4	Self-Healing of SiC-Al2O3-B4C Ceramic Composites at Low Temperatures. Materials, 2022, 15, 652.	2.9	6
5	One-step chemical vapor deposition fabrication of Ni@NiO@graphite nanoparticles for the oxygen evolution reaction of water splitting. RSC Advances, 2022, 12, 10496-10503.	3.6	10
6	Optimization of Energy Storage Properties in Lead-Free Barium Titanate-Based Ceramics via B-Site Defect Dipole Engineering. ACS Sustainable Chemistry and Engineering, 2022, 10, 2930-2937.	6.7	21
7	Epitaxial Growth of SiC Films on 4H-SiC Substrate by High-Frequency Induction-Heated Halide Chemical Vapor Deposition. Coatings, 2022, 12, 329.	2.6	4
8	Effect of TZP nanoparticles synthesized by RCVD on mechanical properties of ZTA composites sintered by SPS. Journal of the European Ceramic Society, 2022, 42, 3550-3558.	5.7	3
9	Phase-Selective Synthesis of Moâ€“Taâ€“C Ternary Nanosheets by Precisely Tailoring Mo/Ta Atom Ratio on Liquid Copper. Nanomaterials, 2022, 12, 1446.	4.1	1
10	Synthesis of transfer-free graphene films on dielectric substrates with controllable thickness via an in-situ co-deposition method for electrochromic devices. Ceramics International, 2022, , .	4.8	0
11	Heterostructured Co3O4/VO2 nanosheet array catalysts on carbon cloth for hydrogen evolution reaction. International Journal of Hydrogen Energy, 2022, 47, 18983-18991.	7.1	5
12	Overcoming the Dilemma between Low Electrical Resistance and High Corrosion Resistance Using a Ta/(Ta,Ti)N/TiN/Ti Multilayer for Proton Exchange Membrane Fuel Cells. Coatings, 2022, 12, 689.	2.6	5
13	High-throughput growth of HfO₂ films using temperature-gradient laser chemical vapor deposition. RSC Advances, 2022, 12, 15555-15563.	3.6	1
14	Sandwich Structure to Enhance the Mechanical and Electrochemical Performance of TaN/(Ta/Ti)/TiN Multilayer Films Prepared by Multi-Arc Ion Plating. Coatings, 2022, 12, 694.	2.6	3
15	Effect of Negative Bias of HiPIMS and AIP Hybrid Deposition on Microstructure, Mechanical and Anti-Corrosive Properties of Cr2N/TiN Multilayer Coatings. Coatings, 2022, 12, 845.	2.6	2
16	Growth of self-aligned nonlayered TaC nanosheets on liquid copper by a solid phase diffusion strategy. Materials Today Nano, 2022, , 100237.	4.6	0
17	Deposition-temperature dependence of structure, ferroelectric property and conduction mechanism of BCZT epitaxial films. Ceramics International, 2021, 47, 3195-3200.	4.8	5
18	In situ synthesis of V2O3@Ni as an efficient hybrid catalyst for the hydrogen evolution reaction in alkaline and neutral media. International Journal of Hydrogen Energy, 2021, 46, 9101-9109.	7.1	7

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19	Construction of macroporous magnesium phosphate-based bone cement with sustained drug release. Materials and Design, 2021, 200, 109466.	7.0	19
20	Deposition and corrosion behavior of <110>-oriented vanadium thick films by direct current magnetron sputtering. Thin Solid Films, 2021, 721, 138491.	1.8	1
21	Laser CVD growth of graphene/SiC/Si nano-matrix heterostructure with improved electrochemical capacitance and cycle stability. Carbon, 2021, 175, 377-386.	10.3	17
22	Transmittance enhancement of spark plasma sintered CaF2 ceramics by preheating commercial powder. Journal of the European Ceramic Society, 2021, 41, 4609-4617.	5.7	12
23	High-temperature ultra-strength of dual-phase Re0.5MoNbW(TaC)0.5 high-entropy alloy matrix composite. Journal of Materials Science and Technology, 2021, 84, 1-9.	10.7	30
24	Mechanical, electrical and thermal properties of HfC-HfB2-SiC ternary eutectic composites prepared by arc melting. Journal of the European Ceramic Society, 2021, 41, 6943-6951.	5.7	4
25	Influence of oxygen partial pressure on SmBa2Cu3O7-Î´ film deposited by laser chemical vapor deposition. Journal of Asian Ceramic Societies, 2021, 9, 197-207.	2.3	1
26	Growth of self-aligned single-crystal vanadium carbide nanosheets with a controllable thickness on a unique staked metal substrate. Applied Surface Science, 2020, 499, 143998.	6.1	8
27	AlB12-AlB12C2-TiB2 hard and tough composites synthesized by reactive plasma activated sintering. Ceramics International, 2020, 46, 5856-5862.	4.8	4
28	Effect of solution concentration on low-temperature synthesis of BCZT powders by solâ€“gel-hydrothermal method. Journal of Sol-Gel Science and Technology, 2020, 94, 205-212.	2.4	12
29	Microstructure and Oxidation Resistance of V Thin Films Deposited by Magnetron Sputtering at Room Temperature. Journal Wuhan University of Technology, Materials Science Edition, 2020, 35, 879-884.	1.0	3
30	Structure and electrical properties of BCZT ceramics derived from microwave-assisted solâ€“gel-hydrothermal synthesized powders. Scientific Reports, 2020, 10, 20352.	3.3	24
31	Mechanical properties of high-crystalline diamond films grown via laser MPCVD. Diamond and Related Materials, 2020, 109, 108094.	3.9	6
32	Microstructure and texture of polycrystalline 3Câ€“SiC thick films characterized via EBSD. Ceramics International, 2020, 46, 27000-27009.	4.8	7
33	A high-throughput synthesis of large-sized single-crystal hexagonal boron nitride on a Cuâ€“Ni gradient enclosure. RSC Advances, 2020, 10, 16088-16093.	3.6	5
34	Fabrication of (a-nc) boron carbide thin films via chemical vapor deposition using ortho-carborane. Journal of Asian Ceramic Societies, 2020, 8, 327-335.	2.3	4
35	Epitaxial growth and electrical performance of graphene/3Câ€“SiC films by laser CVD. Journal of Alloys and Compounds, 2020, 826, 154198.	5.5	13
36	Self-supported MoSx/V2O3 heterostructures as efficient hybrid catalysts for hydrogen evolution reaction. Journal of Alloys and Compounds, 2020, 827, 154262.	5.5	7

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37	In Situ Doping of Nitrogen in <110>-Oriented Bulk 3C-SiC by Halide Laser Chemical Vapour Deposition. Materials, 2020, 13, 410.	2.9	3
38	Laser-induced growth of large-area epitaxial graphene with low sheet resistance on 4H-SiC(0001). Applied Surface Science, 2020, 514, 145938.	6.1	11
39	Growth mechanism of porous 3Câ€“SiC films prepared via laser chemical vapor deposition. Ceramics International, 2020, 46, 16518-16523.	4.8	6
40	Thickness-dependent microstructural properties of heteroepitaxial (00.1) CuFeO2 thin films on (00.1) sapphire by pulsed laser deposition. Journal of Applied Physics, 2020, 127, 065301.	2.5	13
41	Laser in-situ synthesizing Ti5Si3/Al3Ni2 reinforced Al3Ti/NiTi composite coatings: Microstructure, mechanical characteristics and oxidation behavior. Optics and Laser Technology, 2019, 109, 99-109.	4.6	30
42	Growth and carrier transport performance of single-crystalline monolayer graphene over electrodeposited copper film on quartz glass. Ceramics International, 2019, 45, 24254-24259.	4.8	3
43	MoS2 coating on CoSx-embedded nitrogen-doped-carbon-nanosheets grown on carbon cloth for energy conversion. Journal of Alloys and Compounds, 2019, 806, 1276-1284.	5.5	10
44	Nanoforest of 3Câ€“SiC/graphene by laser chemical vapor deposition with high electrochemical performance. Journal of Power Sources, 2019, 444, 227308.	7.8	13
45	Fabrication of an ultraâ€thickâ€oriented 3Câ€SiC coating on the inner surface of a graphite tube by highâ€frequency inductionâ€heated halide chemical vapor deposition. International Journal of Applied Ceramic Technology, 2019, 16, 1004-1011.	2.1	3
46	Morphology controlling of ã€ˆ111ã€‰-3Câ€“SiC films by HMDS flow rate in LCVD. RSC Advances, 2019, 9, 2426-2430.	3.6	8
47	Structural and electrical properties of BCZT ceramics synthesized by solâ€“gel-hydrothermal process at low temperature. Journal of Materials Science: Materials in Electronics, 2019, 30, 12197-12203.	2.2	18
48	Epitaxial growth of 3C-SiC (111) on Si via laser CVD carbonization. Journal of Asian Ceramic Societies, 2019, 7, 312-320.	2.3	4
49	Growth of umbrella-like millimeter-scale single-crystalline graphene on liquid copper. Carbon, 2019, 150, 356-362.	10.3	9
50	Synthesis of Cr2AlC from Elemental Powders with Modified Pressureless Spark Plasma Sintering. Journal Wuhan University of Technology, Materials Science Edition, 2019, 34, 287-292.	1.0	7
51	3D derived N-doped carbon matrix from 2D ZIF-L as an enhanced stable catalyst for chemical fixation. Microporous and Mesoporous Materials, 2019, 285, 80-88.	4.4	45
52	Synthesis of Al 2 O 3 coatings on Ti(C, N)â€based cermets by microwave plasma CVD using Al(acac) 3. International Journal of Applied Ceramic Technology, 2019, 16, 2265-2272.	2.1	1
53	Fineâ€grained 3Câ€SiC thick films prepared via hybrid laser chemical vapor deposition. Journal of the American Ceramic Society, 2019, 102, 5668-5678.	3.8	15
54	Structural investigation of Al₂O₃ coatings by <scp>PECVD</scp> with a high deposition rate. International Journal of Applied Ceramic Technology, 2019, 16, 1356-1363.	2.1	5

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55	Microstructure and Oxidation Behavior of Metal V Films Deposited by Magnetron Sputtering. Materials, 2019, 12, 425.	2.9	4
56	Effect of hydrogen flow on microtwins in 3Câ€“SiC epitaxial films by laser chemical vapor deposition. Thin Solid Films, 2019, 678, 8-15.	1.8	5
57	Structural Controlling of Highly-Oriented Polycrystal 3C-SiC Bulks via Halide CVD. Materials, 2019, 12, 390.	2.9	11
58	Heteroepitaxial growth of thick 3Câ€SiC (110) films by Laser CVD. Journal of the American Ceramic Society, 2019, 102, 4480-4491.	3.8	6
59	Eutectic Ceramic Composites by Melt-Solidification. Journal of the Korean Ceramic Society, 2019, 56, 331-339.	2.3	6
60	Effect of microstructure on HER catalytic properties of MoS2 vertically standing nanosheets. Journal of Alloys and Compounds, 2018, 747, 100-108.	5.5	30
61	Mechanical, electrical and thermal properties of ZrC-ZrB2-SiC ternary eutectic composites prepared by arc melting. Journal of the European Ceramic Society, 2018, 38, 3759-3766.	5.7	23
62	Epitaxial growth of 3Câ€“SiC on Si(111) and (001) by laser CVD. Journal of the American Ceramic Society, 2018, 101, 3850-3856.	3.8	4
63	Mechanical, electrical and thermal properties at elevated temperature of W-Si-C multi-phase composite prepared by arc-melting. International Journal of Refractory Metals and Hard Materials, 2018, 75, 101-106.	3.8	5
64	Structural and electrical properties of BCZT ceramics synthesized by solâ€“gel process. Journal of Materials Science: Materials in Electronics, 2018, 29, 7592-7599.	2.2	23
65	Catalytic Decomposition of Nitric Oxide by LaCoO3 Nano-particles Prepared by Rotary CVD. Journal Wuhan University of Technology, Materials Science Edition, 2018, 33, 368-374.	1.0	3
66	MoO3 nanoparticle formation on zeolitic imidazolate framework-8 by rotary chemical vapor deposition. Microporous and Mesoporous Materials, 2018, 267, 185-191.	4.4	23
67	Transparent highly oriented 3C-SiC bulks by halide laser CVD. Journal of the European Ceramic Society, 2018, 38, 3057-3063.	5.7	20
68	Fast synthesis of high-quality large-area graphene by laser CVD. Applied Surface Science, 2018, 445, 204-210.	6.1	22
69	Transfer-free growth of graphene on Al2O3 (0001) using a three-step method. Carbon, 2018, 131, 10-17.	10.3	13
70	Highâ€speed heteroepitaxial growth of 3Câ€SiC (111) thick films on Si (110) by laser chemical vapor deposition. Journal of the American Ceramic Society, 2018, 101, 1048-1057.	3.8	16
71	Fast preparation of (111)â€oriented Î²â€SiC films without carbon formation by laser chemical vapor deposition from hexamethyldisilane without H₂. Journal of the American Ceramic Society, 2018, 101, 1471-1478.	3.8	11
72	Microstructural evolution and mechanical behavior of W-Si-C multi-phase composite prepared by arc-melting. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 712, 28-36.	5.6	19

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73	Morphological Evolution of Vertically Standing Molybdenum Disulfide Nanosheets by Chemical Vapor Deposition. Materials, 2018, 11, 631.	2.9	10
74	MoO3NPs/ZIF-8 composite material prepared via RCVD for photodegradation of dyes. Data in Brief, 2018, 19, 2253-2259.	1.0	1
75	Enhanced Thermoelectric Performance of Non-equilibrium Synthesized Fe0.4Co3.6Sb12-xGex Skutterudites via Randomly Distributed Multi-scaled Impurity Dots. Journal Wuhan University of Technology, Materials Science Edition, 2018, 33, 772-777.	1.0	3
76	Synergetic effect of Re alloying and SiC addition on strength and toughness of tungsten. Journal of Alloys and Compounds, 2018, 767, 1064-1071.	5.5	9
77	Structural study of epitaxial NdBa2Cu3O7â^'x films by laser chemical vapor deposition. RSC Advances, 2018, 8, 19811-19817.	3.6	0
78	Elimination of Voids at Interface of Î²-SiC Films and Si Substrate by Laser CVD. Journal Wuhan University of Technology, Materials Science Edition, 2018, 33, 356-362.	1.0	0
79	Morphology and mechanical behavior of diamond films fabricated by IH-MPCVD. RSC Advances, 2018, 8, 16061-16068.	3.6	16
80	Dispersion of CeO2 Nanoparticles on Hexagonal Boron Nitride by a Simple CVD Method. Transactions of the Indian Ceramic Society, 2018, 77, 127-131.	1.0	3
81	Electrically conducting graphene/SiC(111) composite coatings by laser chemical vapor deposition. Carbon, 2018, 139, 76-84.	10.3	17
82	Structural study of Î²â€SiC(001) films on Si(001) by laser chemical vapor deposition. Journal of the American Ceramic Society, 2017, 100, 1634-1641.	3.8	12
83	Suppression of carbon contamination in SPSed CaF2 transparent ceramics by Mo foil. Journal of the European Ceramic Society, 2017, 37, 4103-4107.	5.7	34
84	Instantaneous photoinitiated synthesis and rapid pulsed photothermal treatment of three-dimensional nanostructured TiO₂ thin films through pulsed light irradiation. Journal of Materials Research, 2017, 32, 1701-1709.	2.6	18
85	NiO spacer mediated magnetic anisotropy in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>L</mml:mi><mml:msub><mml:mn>3</mml:mn><mml:mn>2</mml:mn></mml:msub><mml:mn>1</mml:mn><mml:mn> trilayer structures. Physical Review B, 2017, 95, .	3.2	1
86	Elimination of double position domains (DPDs) in epitaxial ã€^111ã€‰-3C-SiC on Si(111) by laser CVD. Applied Surface Science, 2017, 426, 662-666.	6.1	10
87	Effect of precursorsâ€™ ratio on c -axis-oriented SmBCO film by MOCVD. Ceramics International, 2017, 43, S488-S492.	4.8	4
88	Synthesis of large size uniform single-crystalline trilayer graphene on premelting copper. Carbon, 2017, 122, 352-360.	10.3	5
89	Effect of CH4/SiCl4 ratio on the composition and microstructure of ã€^110ã€‰-oriented Î²-SiC bulks by halide CVD. Journal of the European Ceramic Society, 2017, 37, 1217-1223.	5.7	18
90	Preparation of highly oriented Î²-SiC bulks by halide laser chemical vapor deposition. Journal of the European Ceramic Society, 2017, 37, 509-515.	5.7	23

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91	Thickness dependence of structure and superconductivity of the SmBa₂Cu₃O₇ film by laser CVD. RSC Advances, 2017, 7, 56166-56172.	3.6	4
92	Effect of Nanosized TiC0.37N0.63on Unlubricated Wear Responses of Si3Nâ€Based Nanocomposites Under Low Hertzian Stress. Journal of the American Ceramic Society, 2016, 99, 971-978.	3.8	0
93	Preparation of SiOC nanocomposite films by laser chemical vapor deposition. Journal of the European Ceramic Society, 2016, 36, 403-409.	5.7	37
94	Ultraâ€Fast Fabrication of <110>â€Oriented Î²â€SiC Wafers by Halide <scp>CVD</scp>. Journal of the American Ceramic Society, 2016, 99, 84-88.	3.8	25
95	Effect of the vacuum degree on the orientation and the microstructure of Î²-SiC films prepared by laser chemical vapour deposition. Materials Letters, 2016, 182, 81-84.	2.6	3
96	Oriented growth and electrical property of LiAl₅O₈ film by laser chemical vapor deposition. Journal of the Ceramic Society of Japan, 2016, 124, 111-115.	1.1	5
97	Effect of microstructure on mechanical, electrical and thermal properties of B4C-HfB2 composites prepared by arc melting. Journal of the European Ceramic Society, 2016, 36, 3929-3937.	5.7	26
98	Fabrication and characterization of CuxSi1âˆ’x films on Si (111) and Si (100) by pulsed laser deposition. AIP Advances, 2016, 6, .	1.3	1
99	Dielectric properties of BaTi2O5 thick films prepared on Pt-coated MgO(110) single-crystal substrate by laser chemical vapor deposition. Ceramics International, 2016, 42, 11464-11467.	4.8	5
100	Morphology study of oriented SmBCO film deposited by MOCVD. Journal Wuhan University of Technology, Materials Science Edition, 2016, 31, 15-19.	1.0	4
101	Effect of substrate temperature on the structure and magnetic properties of CoPt/AlN multilayer films. Journal Wuhan University of Technology, Materials Science Edition, 2016, 31, 44-47.	1.0	3
102	Enhanced thermoelectric performance of xMoS2â€“TiS2 nanocomposites. Journal of Alloys and Compounds, 2016, 666, 346-351.	5.5	19
103	Effects of annealing processes on Cu x Si1-x thin films. Journal Wuhan University of Technology, Materials Science Edition, 2016, 31, 31-34.	1.0	1
104	Ultra-fast epitaxial growth of Î²-SiC films on Î±(4H)-SiC using hexamethyldisilane (HMDS) at low temperature. Ceramics International, 2016, 42, 4632-4635.	4.8	7
105	Microstructure and mechanical properties of B4Câ€“HfB2â€“SiC ternary eutectic composites prepared by arc melting. Journal of the European Ceramic Society, 2016, 36, 959-966.	5.7	23
106	Effect of lithium ion concentration on the microstructure evolution and its association with the ionic conductivity of cubic garnet-type nominal Li7Al0.25La3Zr2O12 solid electrolytes. Solid State Ionics, 2016, 284, 53-60.	2.7	60
107	Preparation of B₄Câ€“ZrB₂â€“SiC ternary eutectic composites by arc melting and their properties. Materials Research Innovations, 2015, 19, S10-26-S10-29.	2.3	4
108	Preparation of ultra-thick Î²-SiC films using different carbon sources. Materials Research Innovations, 2015, 19, S10-397-S10-402.	2.3	5

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109	Seedâ€Free Solidâ€State Growth of Large Leadâ€Free Piezoelectric Single Crystals: (Na_{1/2}K_{1/2})NbO₃. Journal of the American Ceramic Society, 2015, 98, 2988-2996.	3.8	43
110	Effect of Pressure on Microstructure of <111>â€Oriented Î²â€SiC Films: Research via Electron Backscatter Diffraction. Journal of the American Ceramic Society, 2015, 98, 3713-3718.	3.8	5
111	Energy-filtering-induced high power factor in PbS-nanoparticles-embedded TiS2. AIP Advances, 2015, 5, .	1.3	10
112	Effect of oxygen partial pressure on the composition and structure of GdBa2Cu3O7âˆ’Î´ by solid state reaction. Materials Research Innovations, 2015, 19, S10-21-S10-25.	2.3	0
113	The effect of diluent gases on the growth of Î²-SiC films by laser CVD with HMDS. Materials Research Innovations, 2015, 19, S10-403-S10-407.	2.3	5
114	Oxidation Behavior of ZrB₂â€“SiC Composites at Low Pressures. Journal of the American Ceramic Society, 2015, 98, 214-222.	3.8	24
115	Preparation of cubic Li7La3Zr2O12 solid electrolyte using a nano-sized coreâ€“shell structured precursor. Journal of Alloys and Compounds, 2015, 644, 793-798.	5.5	27
116	Growth Mechanism and Defects of <111>â€Oriented Î²â€SiC Films Deposited by Laser Chemical Vapor Deposition. Journal of the American Ceramic Society, 2015, 98, 236-241.	3.8	35
117	Stoichiometric controlling of boroncarbonitride thin films with using BN-C dual-targets. AIP Advances, 2015, 5, 047125.	1.3	8
118	Sintering behavior, microstructure, and thermal conductivity of dense AlN ceramics processed by spark plasma sintering with Y2O3â€“CaOâ€“B additives. Ceramics International, 2015, 41, 1897-1901.	4.8	15
119	Cubic boron nitride-containing ceramic matrix composites for cutting tools. , 2014, , 655-671.		2
120	Cubic boron nitride-containing ceramic matrix composites for cutting tools. , 2014, , 570-586.		4
121	Highâ€Speed Preparation of <111>â€•and <110>â€Oriented Î²â€SiC Films by Laser Chemical Vapor Deposition. Journal of the American Ceramic Society, 2014, 97, 952-958.	3.8	41
122	High Hardness and Ductile Mosaic <scp><scp>SiC</scp></scp>/<scp><scp>SiO</scp></scp>₂ Composite by Spark Plasma Sintering. Journal of the American Ceramic Society, 2014, 97, 681-683.	3.8	14
123	Effect of Al₂O₃ on Microstructure and Ionic Conductivity of Li₇La₃Zr₂O_{₁₂} Solid Electrolytes Prepared by Plasma Activated Sintering. Key Engineering Materials, 2014, 616, 217-222.	0.4	4
124	Spark plasma sintering of Al2O3â€“Ni nanocomposites using Ni nanoparticles produced by rotary chemical vapour deposition. Journal of the European Ceramic Society, 2014, 34, 435-441.	5.7	20
125	Experimental study of Mossâ€“T2, Mossâ€“Mo3Siâ€“T2, and Mo3Siâ€“T2 eutectic reactions in Mo-rich Moâ€“Siâ€“B alloys. Journal of Alloys and Compounds, 2014, 594, 52-59.	5.5	26
126	Comparison of CVD-deposited Ni and dry-blended Ni powder as sintering aids for TiN powder. Journal of the European Ceramic Society, 2014, 34, 1955-1961.	5.7	13

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127	Phase Equilibria, Microstructure, and High-Temperature Strength of TiC-Added Mo-Si-B Alloys. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 1112-1123.	2.2	53
128	Long-Range Ordered Structure of Ti-B-C-N in a TiB2 -TiC x N1â^'x Eutectic Composite. Journal of the American Ceramic Society, 2014, 97, 2423-2426.	3.8	13
129	Consolidation of SiC Powder Coated with SiO₂ Nanolayer by Spark Plasma Sintering. Key Engineering Materials, 2014, 616, 32-36.	0.4	3
130	Rod-like eutectic structure of arc-melted TiB2â€"TiC N1â^' composite. Journal of the European Ceramic Society, 2014, 34, 2089-2094.	5.7	24
131	Field assisted sintering of dense Al-substituted cubic phase Li7La3Zr2O12 solid electrolytes. Journal of Power Sources, 2014, 268, 960-964.	7.8	151
132	Preparation of Liâ€"Alâ€"O films by laser chemical vapor deposition. Materials Chemistry and Physics, 2014, 143, 1338-1343.	4.0	10
133	Preparation of TiO2 thick film by laser chemical vapor deposition method. Journal of Materials Science: Materials in Electronics, 2013, 24, 1758-1763.	2.2	3
134	Effect of laser power on electrical conductivity of BaTi5O11 films prepared by laser chemical vapor deposition method. Journal of Materials Science: Materials in Electronics, 2013, 24, 1941-1946.	2.2	1
135	Preparation of rutile TiO2 thin films by laser chemical vapor deposition method. Journal of Advanced Ceramics, 2013, 2, 162-166.	17.4	20
136	Preparation of TiO2-rich Ba-Ti-O thick films by laser chemical vapor deposition method. Journal of Advanced Ceramics, 2013, 2, 167-172.	17.4	2
137	Synthesis of SiC/SiO2 coreâ€"shell powder by rotary chemical vapor deposition and its consolidation by spark plasma sintering. Ceramics International, 2013, 39, 2605-2610.	4.8	28
138	Quantitative evaluation of the oxidation behavior of ZrB2-15Âvol.%SiC at a low oxygen partial pressure. Vacuum, 2013, 88, 98-102.	3.5	15
139	Effect of laser power on orientation and microstructure of TiO2 films prepared by laser chemical vapor deposition method. Materials Letters, 2013, 93, 179-182.	2.6	15
140	Crystal growth of BaTi2O5 by the floating zone method. Journal of Crystal Growth, 2013, 384, 66-70.	1.5	13
141	Microstructure and dielectric response of (1Â1Â1)-oriented tetragonal BaTiO₃ thick films prepared by laser chemical vapor deposition. Journal of Asian Ceramic Societies, 2013, 1, 197-201.	2.3	25
142	Enhancement of adhesive strength of hydroxyapatite films on Tiâ€"29Nbâ€"13Taâ€"4.6Zr by surface morphology control. Journal of the Mechanical Behavior of Biomedical Materials, 2013, 18, 232-239.	3.1	19
143	Effects of laser power on the growth of polycrystalline AlN films by laser chemical vapor deposition method. Surface and Coatings Technology, 2013, 232, 1-5.	4.8	8
144	High-speed deposition of titanium carbide coatings by laser-assisted metalâ€"organic CVD. Materials Research Bulletin, 2013, 48, 2766-2770.	5.2	27

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145	Preparation of the c-axis oriented AlN film by laser chemical vapor deposition using a newly proposed Al(acac)3 precursor. Journal of Crystal Growth, 2013, 365, 1-5.	1.5	6
146	Precipitation of Ni nanoparticle on Al₂O₃ powders by novel rotary chemical vapor deposition. Journal of the Ceramic Society of Japan, 2013, 121, 226-229.	1.1	12
147	Preparation of Liâ€“Coâ€“O film by metal organic chemical vapor deposition. Journal of the Ceramic Society of Japan, 2013, 121, 406-410.	1.1	10
148	Precipitation of Ni and NiO nanoparticle catalysts on zeolite and mesoporous silica by rotary chemical vapor deposition. Journal of the Ceramic Society of Japan, 2013, 121, 891-894.	1.1	8
149	Growth of b-Axis-Oriented BaTi₂O₅ Nanopillars by Laser Chemical Vapor Deposition. Key Engineering Materials, 2012, 508, 185-188.	0.4	3
150	Preparation of Titania Solid Films by Laser CVD Using CO₂ Laser. Key Engineering Materials, 2012, 508, 279-282.	0.4	2
151	Microcolumnar and Granular Structures of TiO₂ Films Prepared by Laser CVD Using Nd:YAG Laser. Key Engineering Materials, 2012, 508, 287-290.	0.4	4
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