

Jun Lu

List of Publications by Year in descending order

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118
papers

22,113
citations

46918

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19136

118
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122
all docs

122
docs citations

122
times ranked

15885
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast rectifying counter-directional transport of proton and metal ions in metal-organic framework-based nanochannels. <i>Science Advances</i> , 2022, 8, eabl5070.	4.7	48
2	Activation of mitochondrial-associated apoptosis signaling pathway and inhibition of PI3K/Akt/mTOR signaling pathway by voacamine suppress breast cancer progression. <i>Phytomedicine</i> , 2022, 99, 154015.	2.3	23
3	Construction of multi-substituted pyrazoles <i>via</i> potassium carbonate-mediated [3 + 2] cycloaddition of <i>in situ</i> generated nitrile imines with cinnamic aldehydes. <i>RSC Advances</i> , 2022, 12, 13087-13092.	1.7	6
4	Engineering thermoelectric and mechanical properties by nanoporosity in calcium cobaltate films from reactions of $\text{Ca}(\text{OH})_2/\text{Co}_3\text{O}_4$ multilayers. <i>Nanoscale Advances</i> , 2022, 4, 3353-3361.	2.2	5
5	Ultrasensitive Monovalent Metal Ion Conduction in a Three-Dimensional Sub-1 nm Nanofluidic Device Constructed by Metal-Organic Frameworks. <i>ACS Nano</i> , 2021, 15, 1240-1249.	7.3	52
6	Phase Transformation and Superstructure Formation in $(\text{Ti}_{0.5}, \text{Mg}_{0.5})\text{N}$ Thin Films through High-Temperature Annealing. <i>Coatings</i> , 2021, 11, 89.	1.2	2
7	Halogenated Ti_3C_2 MXenes with Electrochemically Active Terminals for High-Performance Zinc Ion Batteries. <i>ACS Nano</i> , 2021, 15, 1077-1085.	7.3	183
8	Triptolide delivery: Nanotechnology-based carrier systems to enhance efficacy and limit toxicity. <i>Pharmacological Research</i> , 2021, 165, 105377.	3.1	33
9	Exosomal transfer of osteoclast-derived miRNAs to chondrocytes contributes to osteoarthritis progression. <i>Nature Aging</i> , 2021, 1, 368-384.	5.3	28
10	Electrochemical Lithium Storage Performance of Molten Salt Derived V_2SnC MAX Phase. <i>Nano-Micro Letters</i> , 2021, 13, 158.	14.4	23
11	Ordered Plane Ordered Laminate Borides and Their 2D Ti-Based Derivative from Chemical Exfoliation. <i>Advanced Materials</i> , 2021, 33, e2008361.	11.1	14
12	Emerging porous framework material-based nanofluidic membranes toward ultimate ion separation. <i>Matter</i> , 2021, 4, 2810-2830.	5.0	27
13	Near-room temperature ferromagnetic behavior of single-atom-thick 2D iron in nanolaminated ternary MAX phases. <i>Applied Physics Reviews</i> , 2021, 8, .	5.5	14
14	A Novel Strategy Conjugating PD-L1 Polypeptide With Doxorubicin Alleviates Chemotherapeutic Resistance and Enhances Immune Response in Colon Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 737323.	1.3	2
15	Recent advances of N-heterocyclic carbenes in the applications of constructing carbo- and heterocyclic frameworks with potential biological activity. <i>RSC Advances</i> , 2021, 11, 38060-38078.	1.7	14
16	Multielemental single-atom-thick layers in nanolaminated V_2C (Sn, A) C (Tj) ETQq000rgBT /Overlock 1 Sciences of the United States of America, 2020, 117, 820-825.	3.3	84
17	Nano-layer based 1T-rich $\text{MoS}_2/\text{g-C}_3\text{N}_4$ co-catalyst system for enhanced photocatalytic and photoelectrochemical activity. <i>Applied Catalysis B: Environmental</i> , 2020, 268, 118466.	10.8	112
18	Carbon-based materials for photo- and electrocatalytic synthesis of hydrogen peroxide. <i>Nanoscale</i> , 2020, 12, 16008-16027.	2.8	63

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19	Theoretical prediction, synthesis, and crystal structure determination of new MAX phase compound V ₂ SnC. <i>Journal of Advanced Ceramics</i> , 2020, 9, 481-492.	8.9	56
20	Flexible Thermoelectric Double-Layer Inorganic/Organic Composites Synthesized by Additive Manufacturing. <i>Advanced Electronic Materials</i> , 2020, 6, 2000214.	2.6	12
21	Single Crystal Growth and Structural Characterization of Theoretically Predicted Nanolaminates M ₂ Al ₂ C ₃ , Where M = Sc and Er. <i>Crystal Growth and Design</i> , 2020, 20, 7640-7646.	1.4	3
22	A thermally reduced graphene oxide membrane interlayered with an <i>in situ</i> synthesized nanopacer for water desalination. <i>Journal of Materials Chemistry A</i> , 2020, 8, 25951-25958.	5.2	17
23	Formation of Ti ₂ AuN from Au-Covered Ti ₂ AlN Thin Films: A General Strategy to Thermally Induce Intercalation of Noble Metals into MAX Phases. <i>Crystal Growth and Design</i> , 2020, 20, 4077-4081.	1.4	13
24	Advances in the discovery of exosome inhibitors in cancer. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1322-1330.	2.5	74
25	Ultrathin water-stable metal-organic framework membranes for ion separation. <i>Science Advances</i> , 2020, 6, eaay3998.	4.7	179
26	Cathepsin K: The Action in and Beyond Bone. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 433.	1.8	111
27	Efficient metal ion sieving in rectifying subnanochannels enabled by metal-organic frameworks. <i>Nature Materials</i> , 2020, 19, 767-774.	13.3	275
28	Atomic-Scale Tuning of Graphene/Cubic SiC Schottky Junction for Stable Low-Bias Photoelectrochemical Solar-to-Fuel Conversion. <i>ACS Nano</i> , 2020, 14, 4905-4915.	7.3	31
29	Growth of dense, hard yet low-stress Ti _{0.40} Al _{0.27} W _{0.33} N nanocomposite films with rotating substrate and no external substrate heating. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2020, 38, .	0.9	13
30	A general Lewis acidic etching route for preparing MXenes with enhanced electrochemical performance in non-aqueous electrolyte. <i>Nature Materials</i> , 2020, 19, 894-899.	13.3	870
31	3D-to-2D Morphology Manipulation of Sputter-Deposited Nanoscale Silver Films on Weakly Interacting Substrates via Selective Nitrogen Deployment for Multifunctional Metal Contacts. <i>ACS Applied Nano Materials</i> , 2020, 3, 4728-4738.	2.4	38
32	Single-Atom-Thick Active Layers Realized in Nanolaminated Ti ₃ (Al _x)Cu _{1-x} C ₂ and Its Artificial Enzyme Behavior. <i>ACS Nano</i> , 2019, 13, 9198-9205.	7.3	59
33	Synthesis of MAX phases Nb ₂ CuC and Ti ₂ (Al _{0.1} Cu _{0.9})N by A-site replacement reaction in molten salts. <i>Materials Research Letters</i> , 2019, 7, 510-516.	4.1	58
34	Efficient and Tunable Electroluminescence from In Situ Synthesized Perovskite Quantum Dots. <i>Small</i> , 2019, 15, e1804947.	5.2	23
35	Compositional dependence of epitaxial Tin ₁ SiC _n MAX-phase thin films grown from a Ti ₃ SiC ₂ compound target. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2019, 37, .	0.9	8
36	Growth of CaxCoO ₂ Thin Films by A Two-Stage Phase Transformation from CaO-CoO Thin Films Deposited by Rf-Magnetron Reactive Cosputtering. <i>Nanomaterials</i> , 2019, 9, 443.	1.9	4

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37	Atomically Layered and Ordered Rare-Earth MAX Phases: A New Class of Magnetic Quaternary Compounds. <i>Chemistry of Materials</i> , 2019, 31, 2476-2485.	3.2	89
38	Strategy for simultaneously increasing both hardness and toughness in ZrB ₂ -rich Zr _{1-x} TaxBy thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2019, 37, .	0.9	42
39	Formation mechanism and thermoelectric properties of CaMnO ₃ thin films synthesized by annealing of Ca _{0.5} Mn _{0.5} O films. <i>Journal of Materials Science</i> , 2019, 54, 8482-8491.	1.7	11
40	Element Replacement Approach by Reaction with Lewis Acidic Molten Salts to Synthesize Nanolaminated MAX Phases and MXenes. <i>Journal of the American Chemical Society</i> , 2019, 141, 4730-4737.	6.6	811
41	Control over the Phase Formation in Metastable Transition Metal Nitride Thin Films by Tuning the Al+ Subplantation Depth. <i>Coatings</i> , 2019, 9, 17.	1.2	19
42	Transmorphic epitaxial growth of AlN nucleation layers on SiC substrates for high-breakdown thin GaN transistors. <i>Applied Physics Letters</i> , 2019, 115, .	1.5	25
43	Influence of Si doping and O ₂ flow on arc-deposited (Al,Cr) ₂ O ₃ coatings. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2019, 37, 061516.	0.9	3
44	Phase evolution of radio frequency magnetron sputtered Cr-rich (Cr,Zr) ₂ O ₃ coatings studied by in situ synchrotron X-ray diffraction during annealing in air or vacuum. <i>Journal of Materials Research</i> , 2019, 34, 3735-3746.	1.2	2
45	Bioinspired Self-Gating Nanofluidic Devices for Autonomous and Periodic Ion Transport and Cargo Release. <i>Advanced Functional Materials</i> , 2019, 29, 1806416.	7.8	26
46	A Tungsten-Based Nanolaminated Ternary Carbide: (W,Ti) ₄ C ₄ . <i>Inorganic Chemistry</i> , 2019, 58, 1100-1106.	1.9	9
47	W-Based Atomic Laminates and Their 2D Derivative W _{1.33} C MXene with Vacancy Ordering. <i>Advanced Materials</i> , 2018, 30, e1706409.	11.1	240
48	Magnetic properties and structural characterization of layered (Cr _{0.5} Mn _{0.5}) ₂ AuC synthesized by thermally induced substitutional reaction in (Cr _{0.5} Mn _{0.5}) ₂ GaC. <i>APL Materials</i> , 2018, 6, .	2.2	25
49	Advances in the discovery of cathepsin K inhibitors on bone resorption. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 890-904.	2.5	51
50	Nanoporous Ca ₃ Co ₄ O ₉ Thin Films for Transferable Thermoelectrics. <i>ACS Applied Energy Materials</i> , 2018, 1, 2261-2268.	2.5	54
51	Enhanced Ti _{0.84} Ta _{0.16} N diffusion barriers, grown by a hybrid sputtering technique with no substrate heating, between Si(001) wafers and Cu overlayers. <i>Scientific Reports</i> , 2018, 8, 5360.	1.6	25
52	Long Electron-Hole Diffusion Length in High-Quality Lead-Free Double Perovskite Films. <i>Advanced Materials</i> , 2018, 30, e1706246.	11.1	242
53	Effect of ion-implantation-induced defects and Mg dopants on the thermoelectric properties of ScN. <i>Physical Review B</i> , 2018, 98, .	1.1	31
54	Growth and mechanical properties of 111-oriented V _{0.5} Mo _{0.5} Nx/Al ₂ O ₃ (0001) thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2018, 36, .	0.9	15

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55	Effects of N ₂ Partial Pressure on Growth, Structure, and Optical Properties of GaN Nanorods Deposited by Liquid-Target Reactive Magnetron Sputter Epitaxy. <i>Nanomaterials</i> , 2018, 8, 223.	1.9	8
56	A GaN-SiC hybrid material for high-frequency and power electronics. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	56
57	Origin of Chemically Ordered Atomic Laminates (i-MAX): Expanding the Elemental Space by a Theoretical/Experimental Approach. <i>ACS Nano</i> , 2018, 12, 7761-7770.	7.3	99
58	Theoretical Prediction and Synthesis of (Cr _{2/3} Zr _{1/3}) ₂ AlC i-MAX Phase. <i>Inorganic Chemistry</i> , 2018, 57, 6237-6244.	1.9	59
59	Effect of (3-glycidyloxypropyl)trimethoxysilane (GOPS) on the electrical properties of PEDOT:PSS films. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 814-820.	2.4	190
60	Synthesis of Ti ₃ Au ₂ C ₂ , Ti ₃ Au ₂ C ₂ and Ti ₃ Ir ₂ C ₂ by noble metal substitution reaction in Ti ₃ SiC ₂ for high-temperature-stable Ohmic contacts to SiC. <i>Nature Materials</i> , 2017, 16, 814-818.	13.3	142
61	Two-dimensional Mo _{1.33} C MXene with divacancy ordering prepared from parent 3D laminate with in-plane chemical ordering. <i>Nature Communications</i> , 2017, 8, 14949.	5.8	525
62	Theoretical stability and materials synthesis of a chemically ordered MAX phase, Mo ₂ ScAlC ₂ , and its two-dimensional derivate Mo ₂ ScC ₂ MXene. <i>Acta Materialia</i> , 2017, 125, 476-480.	3.8	185
63	Prediction and synthesis of a family of atomic laminate phases with Kagomé-like and in-plane chemical ordering. <i>Science Advances</i> , 2017, 3, e1700642.	4.7	156
64	Phonon thermal conductivity of scandium nitride for thermoelectrics from first-principles calculations and thin-film growth. <i>Physical Review B</i> , 2017, 96, .	1.1	30
65	Nanostructural Tailoring to Induce Flexibility in Thermoelectric Ca ₃ Co ₄ O ₉ Thin Films. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 25308-25316.	4.0	70
66	Thermally induced substitutional reaction of Fe into Mo ₂ GaC thin films. <i>Materials Research Letters</i> , 2017, 5, 533-539.	4.1	26
67	Atomic structure and lattice defects in nanolaminated ternary transition metal borides. <i>Materials Research Letters</i> , 2017, 5, 235-241.	4.1	86
68	Linkers Having a Crucial Role in Antibody-Drug Conjugates. <i>International Journal of Molecular Sciences</i> , 2016, 17, 561.	1.8	187
69	Present Advances and Future Perspectives of Molecular Targeted Therapy for Osteosarcoma. <i>International Journal of Molecular Sciences</i> , 2016, 17, 506.	1.8	93
70	High-Temperature Neutron Diffraction, Raman Spectroscopy, and First-Principles Calculations of Ti ₃ SnC ₂ and Ti ₂ SnC. <i>Journal of the American Ceramic Society</i> , 2016, 99, 2233-2242.	1.9	15
71	Experimental and theoretical investigation of Cr _{1-x} Sc _x N solid solutions for thermoelectrics. <i>Journal of Applied Physics</i> , 2016, 120, .	1.1	33
72	Hard and elastic epitaxial ZrB ₂ thin films on Al ₂ O ₃ (0001) substrates deposited by magnetron sputtering from a ZrB ₂ compound target. <i>Acta Materialia</i> , 2016, 111, 166-172.	3.8	47

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73	Synthesis of MAX Phases in the Hf-Al-C System. <i>Inorganic Chemistry</i> , 2016, 55, 10922-10927.	1.9	57
74	ZrB ₂ thin films deposited on GaN(0001) by magnetron sputtering from a ZrB ₂ target. <i>Journal of Crystal Growth</i> , 2016, 453, 71-76.	0.7	9
75	High-temperature nanoindentation of epitaxial ZrB ₂ thin films. <i>Scripta Materialia</i> , 2016, 124, 117-120.	2.6	25
76	Synthesis and Characterization of an Alumina Forming Nanolaminated Boride: MoAlB. <i>Scientific Reports</i> , 2016, 6, 26475.	1.6	141
77	Theoretical stability, thin film synthesis and transport properties of the Mo _n Al _{n+1} C _n MAX phase. <i>Physica Status Solidi - Rapid Research Letters</i> , 2015, 9, 197-201.	1.2	28
78	Experimental and theoretical characterization of ordered MAX phases Mo ₂ TiAlC ₂ and Mo ₂ Ti ₂ AlC ₃ . <i>Journal of Applied Physics</i> , 2015, 118, .	1.1	217
79	Progress and Challenges in Developing Aptamer-Functionalized Targeted Drug Delivery Systems. <i>International Journal of Molecular Sciences</i> , 2015, 16, 23784-23822.	1.8	75
80	Mechanism of Formation of the Thermoelectric Layered Cobaltate Ca ₃ Co ₄ O ₉ by Annealing of CaO-CoO Thin Films. <i>Advanced Electronic Materials</i> , 2015, 1, 1400022.	2.6	31
81	Two-Dimensional, Ordered, Double Transition Metals Carbides (MXenes). <i>ACS Nano</i> , 2015, 9, 9507-9516.	7.3	1,395
82	Novel hard, tough HfAlSiN multilayers, defined by alternating Si bond structure, deposited using modulated high-flux, low-energy ion irradiation of the growing film. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2015, 33, .	0.9	7
83	Mo ₂ TiAlC ₂ : A new ordered layered ternary carbide. <i>Scripta Materialia</i> , 2015, 101, 5-7.	2.6	153
84	Synthesis and characterization of magnetic (Cr _{0.5} Mn _{0.5}) ₂ GaC thin films. <i>Journal of Materials Science</i> , 2015, 50, 4495-4502.	1.7	55
85	Stoichiometric, epitaxial ZrB ₂ thin films with low oxygen-content deposited by magnetron sputtering from a compound target: Effects of deposition temperature and sputtering power. <i>Journal of Crystal Growth</i> , 2015, 430, 55-62.	0.7	33
86	Model for electron-beam-induced crystallization of amorphous Me-Si-C (Me = Nb or Zr) thin films. <i>Journal of Materials Research</i> , 2014, 29, 2854-2862.	1.2	8
87	Cathodoluminescence characterization of ZnO nanorods synthesized by chemical solution and of its conversion to ellipsoidal morphology. <i>Journal of Materials Research</i> , 2014, 29, 2425-2431.	1.2	3
88	Decoration of ZnO Nanorods with Coral Reefs like NiO Nanostructures by the Hydrothermal Growth Method and Their Luminescence Study. <i>Materials</i> , 2014, 7, 430-440.	1.3	15
89	Reactive sputtering of Î-ZrH ₂ thin films by high power impulse magnetron sputtering and direct current magnetron sputtering. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2014, 32, .	0.9	7
90	Novel strategy for low-temperature, high-rate growth of dense, hard, and stress-free refractory ceramic thin films. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2014, 32, .	0.9	45

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91	Thermal stability and mechanical properties of amorphous coatings in the Ti-B-Si-Al-N system grown by cathodic arc evaporation from TiB ₂ , Ti ₃₃ Al ₆₇ , and Ti ₈₅ Si ₁₅ cathodes. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2014, 32, .	0.9	9
92	Epitaxial growth of $\hat{1}^3$ -Al ₂ O ₃ on Ti ₂ AlC(0001) by reactive high-power impulse magnetron sputtering. <i>AIP Advances</i> , 2014, 4, 017138.	0.6	4
93	Magnetron sputtering of epitaxial Zr₂ thin films on 4_HS_iC₍₀₀₀₁₎ and Si(111). <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014, 211, 636-640.	0.8	22
94	Superhard NbB ₂ thin films deposited by dc magnetron sputtering. <i>Surface and Coatings Technology</i> , 2014, 257, 295-300.	2.2	50
95	Direct current magnetron sputtered ZrB ₂ thin films on 4H-SiC(0001) and Si(100). <i>Thin Solid Films</i> , 2014, 550, 285-290.	0.8	35
96	Atomic layer deposition of Zr₂ for graphene-based multilayer structures: <i>in situ</i> and <i>ex situ</i> characterization of growth process. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014, 211, 397-402.	0.8	8
97	Transparent Conductive Two-Dimensional Titanium Carbide Epitaxial Thin Films. <i>Chemistry of Materials</i> , 2014, 26, 2374-2381.	3.2	1,173
98	Synthesis, structural characterization and photocatalytic application of ZnO@ZnS core-shell nanoparticles. <i>RSC Advances</i> , 2014, 4, 36940-36950.	1.7	117
99	Nanowires-assembled CuO Interpenetrated-leaf Architecture by () Twinning. <i>Materials Research Letters</i> , 2013, 1, 32-38.	4.1	3
100	Crystallization of NiSi_x in a Body-Centered Cubic Structure during Solid-State Reaction between an Ultrathin Ni Film and Si(001) Substrate at 150-350 °C. <i>Crystal Growth and Design</i> , 2013, 13, 1801-1806.	1.4	7
101	Strontium Diffusion in Magnetron Sputtered Gadolinia-Doped Ceria Thin Film Barrier Coatings for Solid Oxide Fuel Cells. <i>Advanced Energy Materials</i> , 2013, 3, 923-929.	10.2	25
102	Phase stability of Cr_{n+1}GaC_n MAX phases from first principles and Cr₂GaC thin film synthesis using magnetron sputtering from elemental targets. <i>Physica Status Solidi - Rapid Research Letters</i> , 2013, 7, 971-974.	1.2	32
103	Beam-induced crystallization of amorphous MeSi_C (Me = Nb or Zr) thin films during transmission electron microscopy. <i>MRS Communications</i> , 2013, 3, 151-155.	0.8	11
104	Two-Dimensional Transition Metal Carbides. <i>ACS Nano</i> , 2012, 6, 1322-1331.	7.3	3,453
105	Metal versus rare-gas ion irradiation during Ti_xAl_xN film growth by hybrid high power pulsed magnetron/dc magnetron co-sputtering using synchronized pulsed substrate bias. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2012, 30, .	0.9	98
106	Growth, Structural and Optical Characterization of ZnO Nanotubes on Disposable-Flexible Paper Substrates by Low-Temperature Chemical Method. <i>Journal of Nanotechnology</i> , 2012, 2012, 1-6.	1.5	11
107	Comment on $\hat{1}^3$ -Al ₂ O ₃ on Ti₅Al₂C₃: A New Ternary Carbide Belonging to MAX Phases in the Ti-Al-C System. <i>Journal of the American Ceramic Society</i> , 2012, 95, 3352-3354.	1.9	12
108	Thermal Stability and Dopant Segregation for Schottky Diodes With Ultrathin Epitaxial NiSi₂. <i>IEEE Electron Device Letters</i> , 2011, 32, 1029-1031.	2.2	10

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109	Synthesis of a new nanocrystalline titanium aluminum fluoride phase by reaction of Ti ₂ AlC with hydrofluoric acid. RSC Advances, 2011, 1, 1493.	1.7	49
110	On the Topotactic Transformation of Ti_2AlC into a TiO_2F Cubic Phase by Heating in Molten Lithium Fluoride in Air. Journal of the American Ceramic Society, 2011, 94, 4556-4561.	1.9	91
111	On Different Process Schemes for MOSFETs With a Controllable NiSi-Based Metallic Source/Drain. IEEE Transactions on Electron Devices, 2011, 58, 1898-1906.	1.6	19
112	Two-Dimensional Nanocrystals Produced by Exfoliation of Ti_3AlC_2 . Advanced Materials, 2011, 23, 4248-4253.	11.1	7,931
113	Anomalously high thermoelectric power factor in epitaxial ScN thin films. Applied Physics Letters, 2011, 99, .	1.5	84
114	Phase-stabilization and substrate effects on nucleation and growth of (Ti,V) _n +1GeC _n thin films. Journal of Applied Physics, 2011, 110, .	1.1	20
115	Surface-energy triggered phase formation and epitaxy in nanometer-thick Ni _{1-x} P _x silicide films. Applied Physics Letters, 2010, 96, .	1.5	51
116	Growth and Structure of ZnO Nanorods on a Sub-Micrometer Glass Pipette and Their Application as Intracellular Potentiometric Selective Ion Sensors. Materials, 2010, 3, 4657-4667.	1.3	21
117	Deposition of Ti-Si-C-Ag Nanocomposite Coatings as Electrical Contact Material. , 2010, , .		1
118	Synthesis of textured discontinuous-nanoisland Ca ₃ Co ₄ O ₉ thin films. Nanoscale Advances, 0, , .	2.2	1