

Xuemin Yin

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Carbon Nanotubeâ€“Multilayered Graphene Edge Plane Coreâ€“Shell Hybrid Foams for Ultrahighâ€“Performance Electromagneticâ€“Interference Shielding. <i>Advanced Materials</i> , 2017, 29, 1701583.	11.1	560
2	Direct Growth of Edgeâ€“Rich Graphene with Tunable Dielectric Properties in Porous Si ₃ N ₄ Ceramic for Broadband Highâ€“Performance Microwave Absorption. <i>Advanced Functional Materials</i> , 2018, 28, 1707205.	7.8	425
3	Graphene and MXene Nanomaterials: Toward Highâ€“Performance Electromagnetic Wave Absorption in Gigahertz Band Range. <i>Advanced Functional Materials</i> , 2020, 30, 2000475.	7.8	356
4	Advances in ultra-high temperature ceramics, composites, and coatings. <i>Journal of Advanced Ceramics</i> , 2022, 11, 1-56.	8.9	256
5	Cation exchange formation of prussian blue analogue submicroboxes for high-performance Na-ion hybrid supercapacitors. <i>Nano Energy</i> , 2017, 39, 647-653.	8.2	204
6	Vertically Grown Edgeâ€“Rich Graphene Nanosheets for Spatial Control of Li Nucleation. <i>Advanced Energy Materials</i> , 2018, 8, 1800564.	10.2	145
7	Oxidation protection of C/C composites with a multilayer coating of SiC and Si + SiC + SiC nanowires. <i>Carbon</i> , 2012, 50, 1280-1288.	5.4	116
8	Ablation behavior and mechanism of C/Câ€“ZrCâ€“SiC composites under an oxyacetylene torch at 3000Â°C. <i>Ceramics International</i> , 2013, 39, 4171-4178.	2.3	116
9	Micro/nano multiscale reinforcing strategies toward extreme high-temperature applications: Take carbon/carbon composites and their coatings as the examples. <i>Journal of Materials Science and Technology</i> , 2022, 96, 31-68.	5.6	113
10	Effect of SiC/ZrC ratio on the mechanical and ablation properties of C/Câ€“SiCâ€“ZrC composites. <i>Corrosion Science</i> , 2014, 82, 27-35.	3.0	112
11	Hierarchical core-shell structure of NiCo ₂ O ₄ nanosheets@HfC nanowires networks for high performance flexible solid-state hybrid supercapacitor. <i>Chemical Engineering Journal</i> , 2020, 392, 124820.	6.6	104
12	Ablation in different heat fluxes of C/C composites modified by ZrB ₂ â€“ZrC and ZrB ₂ â€“ZrCâ€“SiC particles. <i>Corrosion Science</i> , 2013, 74, 159-167.	3.0	103
13	Mechanical and electromagnetic shielding performance of carbon fiber reinforced multilayered (PyC-SiC) _n matrix composites. <i>Carbon</i> , 2017, 111, 299-308.	5.4	100
14	ZrB ₂ â€“SiC gradient oxidation protective coating for carbon/carbon composites. <i>Ceramics International</i> , 2014, 40, 7171-7176.	2.3	89
15	Self-Templating Synthesis of Cobalt Hexacyanoferrate Hollow Structures with Superior Performance for Na-Ion Hybrid Supercapacitors. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 29496-29504.	4.0	87
16	A SiC-ZrB ₂ -ZrC coating toughened by electrophoretically-deposited SiC nanowires to protect C/C composites against thermal shock and oxidation. <i>Applied Surface Science</i> , 2015, 349, 465-471.	3.1	80
17	A SiCâ€“Siâ€“ZrB ₂ multiphase oxidation protective ceramic coating for SiC-coated carbon/carbon composites. <i>Ceramics International</i> , 2012, 38, 2095-2100.	2.3	78
18	Preparation and ablation properties of ZrCâ€“SiC coating for carbon/carbon composites by solid phase infiltration. <i>Applied Surface Science</i> , 2011, 258, 565-571.	3.1	76

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19	Lightweight and flexible 3D graphene microtubes membrane for high-efficiency electromagnetic-interference shielding. <i>Chemical Engineering Journal</i> , 2020, 387, 124025.	6.6	76
20	NiCoLDH nanosheets grown on MOF-derived Co ₃ O ₄ triangle nanosheet arrays for high-performance supercapacitor. <i>Journal of Materials Science and Technology</i> , 2021, 62, 60-69.	5.6	73
21	Influence of SiC nanowires on the properties of SiC coating for C/C composites between room temperature and 1500°C. <i>Corrosion Science</i> , 2011, 53, 3048-3053.	3.0	72
22	Oxidation and ablation resistance of the ZrB ₂ -CrSi ₂ /SiC coating for C/C composites at high temperature. <i>Journal of Alloys and Compounds</i> , 2016, 662, 302-307.	2.8	71
23	Preparation of oxidation protective ZrB ₂ -SiC coating by in-situ reaction method on SiC-coated carbon/carbon composites. <i>Surface and Coatings Technology</i> , 2014, 247, 61-67.	2.2	67
24	SiC/ZrB ₂ -SiC-ZrC multilayer coating for carbon/carbon composites against ablation. <i>Surface and Coatings Technology</i> , 2016, 300, 1-9.	2.2	67
25	Electrochemically assisted co-deposition of calcium phosphate/collagen coatings on carbon/carbon composites. <i>Applied Surface Science</i> , 2011, 257, 3612-3619.	3.1	65
26	Toughening by SiC Nanowires in a Dense SiC Ceramic Coating for Oxidation Protection of C/C Composites. <i>Journal of the American Ceramic Society</i> , 2012, 95, 3691-3697.	1.9	63
27	HfC nanowire-toughened TaSi ₂ -Ta-SiC-Si multiphase coating for C/C composites against oxidation. <i>Corrosion Science</i> , 2015, 90, 554-561.	3.0	60
28	3D CuO nanosheet wrapped nanofilm grown on Cu foil for high-performance non-enzymatic glucose biosensor electrode. <i>Talanta</i> , 2017, 174, 514-520.	2.9	59
29	Oxidation protection of SiC-coated C/C composites by SiC nanowire-toughened CrSi ₂ -SiC-Si coating. <i>Corrosion Science</i> , 2012, 55, 394-400.	3.0	57
30	Na-doped hydroxyapatite coating on carbon/carbon composites: Preparation, in vitro bioactivity and biocompatibility. <i>Applied Surface Science</i> , 2012, 263, 163-173.	3.1	57
31	Bamboo-shaped SiC nanowire-toughened SiC coating for oxidation protection of C/C composites. <i>Corrosion Science</i> , 2013, 70, 11-16.	3.0	57
32	Oxidation protection and behavior of C/C composites with an in situ SiC nanowire-SiC-Si/SiC-Si coating. <i>Corrosion Science</i> , 2013, 70, 285-289.	3.0	57
33	Ablation resistance of SiC-HfC-ZrC multiphase modified carbon/carbon composites. <i>Corrosion Science</i> , 2016, 103, 1-9.	3.0	57
34	Oxidation protection and behavior of in-situ zirconium diboride-silicon carbide coating for carbon/carbon composites. <i>Journal of Alloys and Compounds</i> , 2015, 645, 164-170.	2.8	56
35	SiC coating toughened by HfC nanowires to protect C/C composites against oxidation. <i>Applied Surface Science</i> , 2014, 311, 208-213.	3.1	54
36	Hierarchical self-supporting sugar gourd-shape MOF-derived NiCo ₂ O ₄ hollow nanocages@SiC nanowires for high-performance flexible hybrid supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2021, 586, 219-232.	5.0	54

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37	Mechanical and oxidation protective properties of SiC nanowires-toughened SiC coating prepared in-situ by a CVD process on C/C composites. <i>Surface and Coatings Technology</i> , 2016, 307, 91-98.	2.2	52
38	Effects of high-temperature annealing on the microstructures and mechanical properties of C/Câ€“ZrCâ€“SiC composites prepared by precursor infiltration and pyrolysis. <i>Materials and Design</i> , 2016, 90, 373-378.	3.3	52
39	Oxidation protection of C/C composites by ultra long SiC nanowire-reinforced SiCâ€“Si coating. <i>Corrosion Science</i> , 2014, 84, 204-208.	3.0	49
40	Effect of ZrC particle size on the ablation resistance of C/C-ZrC-SiC composites. <i>Materials and Design</i> , 2017, 129, 15-25.	3.3	48
41	Effects of PyC shell thickness on the microstructure, ablation resistance of SiCnws/PyC-C/C-ZrC-SiC composites. <i>Journal of Materials Science and Technology</i> , 2021, 71, 55-66.	5.6	47
42	Simultaneously improving the mechanical strength and electromagnetic interference shielding of carbon/carbon composites by electrophoretic deposition of SiC nanowires. <i>Journal of Materials Chemistry C</i> , 2018, 6, 5888-5899.	2.7	46
43	NiCo2O4 nanosheets sheathed SiC@CNTs core-shell nanowires for high-performance flexible hybrid supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2020, 577, 481-493.	5.0	46
44	Hierarchical, seamless, edge-rich nanocarbon hybrid foams for highly efficient electromagnetic-interference shielding. <i>Journal of Materials Science and Technology</i> , 2021, 72, 154-161.	5.6	45
45	Ablative and Mechanical Properties of C/Câ€“ZrC Composites Prepared by Precursor Infiltration and Pyrolysis Process. <i>Journal of Materials Science and Technology</i> , 2015, 31, 77-82.	5.6	44
46	High-Performance Multifunctional Carbonâ€“Silicon Carbide Composites with Strengthened Reduced Graphene Oxide. <i>ACS Nano</i> , 2021, 15, 2880-2892.	7.3	44
47	Ablation resistance of HfC-TaC/HfC-SiC alternate coating for SiC-coated carbon/carbon composites under cyclic ablation. <i>Journal of the European Ceramic Society</i> , 2021, 41, 3207-3218.	2.8	43
48	Multifunctional electromagnetic interference shielding 3D reduced graphene oxide/vertical edge-rich graphene/epoxy nanocomposites with remarkable thermal management performance. <i>Composites Science and Technology</i> , 2022, 222, 109407.	3.8	41
49	Influence of Î²-SiC on the microstructures and thermal properties of SiC coatings for C/C composites. <i>Surface and Coatings Technology</i> , 2016, 304, 188-194.	2.2	40
50	A SiCnw/PyC -toughened ZrB2-SiC coating for protecting Si-SiC coated C/C composites against oxidation. <i>Applied Surface Science</i> , 2018, 457, 360-366.	3.1	39
51	Nano-interface effect of graphene on carbon nanotube reinforced carbon/carbon composites. <i>Carbon</i> , 2022, 190, 422-429.	5.4	39
52	Oxidation protection of ultra-high temperature ceramic Zr Ta1âˆ“B2â€“SiC/SiC coating prepared by in-situ reaction method for carbon/carbon composites. <i>Journal of the European Ceramic Society</i> , 2015, 35, 897-907.	2.8	37
53	Oxidation protection of C/C composites with in situ bamboo-shaped SiC nanowire-toughened Siâ€“Cr coating. <i>Corrosion Science</i> , 2013, 74, 419-423.	3.0	36
54	Three-dimensional carbon/carbon composites with vertically aligned carbon nanotubes: Providing direct and indirect reinforcements to the pyrocarbon matrix. <i>Materials and Design</i> , 2016, 92, 120-128.	3.3	36

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55	Wear behavior of SiC nanowire-reinforced SiC coating for C/C composites at elevated temperatures. <i>Journal of the European Ceramic Society</i> , 2013, 33, 2961-2969.	2.8	35
56	Influence of SiC additive on the ablation behavior of C/C composites modified by ZrB ₂ -ZrC particles under oxyacetylene torch. <i>Ceramics International</i> , 2014, 40, 541-549.	2.3	35
57	SiC Nanowires Toughed HfC Ablative Coating for C/C Composites. <i>Journal of Materials Science and Technology</i> , 2015, 31, 70-76.	5.6	35
58	Effects of pyrocarbon on morphology stability of SiC nanowires at high temperatures. <i>Journal of the American Ceramic Society</i> , 2018, 101, 3694-3702.	1.9	35
59	Metal-organic framework derived hierarchical NiCo ₂ O ₄ triangle nanosheet arrays@SiC nanowires network/carbon cloth for flexible hybrid supercapacitors. <i>Journal of Materials Science and Technology</i> , 2021, 81, 162-174.	5.6	35
60	General formation of Prussian blue analogue microtubes for high-performance Na-ion hybrid supercapacitors. <i>Science China Materials</i> , 2020, 63, 739-747.	3.5	33
61	All Si ₃ N ₄ Nanowires Membrane Based High-Performance Flexible Solid-State Asymmetric Supercapacitor. <i>Small</i> , 2021, 17, e2008056.	5.2	33
62	Coral-like Cu-Co-mixed oxide for stable electro-properties of glucose determination. <i>Electrochimica Acta</i> , 2018, 273, 502-510.	2.6	32
63	Microstructure and growth mechanism of SiC nanowires with periodically fluctuating hexagonal prisms by CVD. <i>Journal of Alloys and Compounds</i> , 2010, 508, L36-L39.	2.8	31
64	Influence of carbon preform density on the microstructure and ablation resistance of CLVD-C/C-ZrC-SiC composites. <i>Corrosion Science</i> , 2021, 190, 109648.	3.0	31
65	Influence of carbon nanotube extending length on pyrocarbon microstructure and mechanical behavior of carbon/carbon composites. <i>Applied Surface Science</i> , 2015, 355, 1020-1027.	3.1	30
66	High temperature oxidation resistance of La ₂ O ₃ -modified ZrB ₂ -SiC coating for SiC-coated carbon/carbon composites. <i>Journal of Alloys and Compounds</i> , 2018, 765, 37-45.	2.8	30
67	Effect of SiC Location on the Ablation of C/C-SiC Composites in Two Heat Fluxes. <i>Journal of Materials Science and Technology</i> , 2015, 31, 345-354.	5.6	28
68	Realizing the synergy of carbon nanotubes and matrix microstructure for improved flexural behavior of laminated carbon/carbon composites. <i>Journal of Alloys and Compounds</i> , 2018, 738, 49-55.	2.8	28
69	Dependence of mechanical properties on microstructure of high-textured pyrocarbon prepared via isothermal and thermal gradient chemical vapor infiltration. <i>Composites Part B: Engineering</i> , 2020, 192, 107982.	5.9	28
70	Effect of Zr doping on the high-temperature stability of SiO ₂ glass. <i>Computational Materials Science</i> , 2018, 147, 81-86.	1.4	27
71	Erosion resistance of Mo-Si-Cr coating-modified C/C composites in a wind tunnel at 1873 K. <i>Journal of Alloys and Compounds</i> , 2015, 622, 1049-1054.	2.8	25
72	Micro-oxidation treatment to improve bonding strength of Sr and Na co-substituted hydroxyapatite coatings for carbon/carbon composites. <i>Applied Surface Science</i> , 2016, 378, 136-141.	3.1	25

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73	Construction of multi-structures based on Cu NWs-supported MOF-derived Co oxides for asymmetric pseudocapacitors. <i>Journal of Materials Science and Technology</i> , 2021, 65, 182-189.	5.6	25
74	Oxidation behavior and microstructure evolution of SiC-ZrB ₂ -ZrC coating for C/C composites at 1673 K. <i>Ceramics International</i> , 2016, 42, 13041-13046.	2.3	24
75	Single-crystalline hafnium carbide nanowire growth below the eutectic temperature by CVD. <i>Journal of Crystal Growth</i> , 2013, 384, 44-49.	0.7	23
76	Microstructure and flexural properties of carbon/carbon composite with in-situ grown carbon nanotube as secondary reinforcement. <i>Progress in Natural Science: Materials International</i> , 2013, 23, 157-163.	1.8	22
77	Preparation of oxidation protective Hf _{0.2} Ta _{0.8} B ₂ -SiC coating by in-situ reaction method on SiC-coated carbon/carbon composites. <i>Journal of Alloys and Compounds</i> , 2015, 618, 390-395.	2.8	22
78	Microstructure, mechanical and anti-ablation properties of SiCnw/PyC core-shell networks reinforced C/C-ZrC-SiC composites fabricated by a multistep method of chemical liquid-vapor deposition. <i>Ceramics International</i> , 2019, 45, 20414-20426.	2.3	22
79	Evaporation behavior of SiO ₂ glass doped with various transition metal oxides. <i>Journal of the American Ceramic Society</i> , 2021, 104, 3130-3138.	1.9	21
80	Preparation of co-deposited C/C-ZrC composites by CLVD process and its properties. <i>Journal of Alloys and Compounds</i> , 2016, 686, 823-830.	2.8	20
81	Selective growth of SiC nanowires in interlaminar matrix for improving in-plane strengths of laminated Carbon/Carbon composites. <i>Journal of Materials Science and Technology</i> , 2019, 35, 2799-2808.	5.6	20
82	Microstructure and ablation property of C/C-ZrC-SiC composites fabricated by chemical liquid-vapor deposition combined with precursor infiltration and pyrolysis. <i>Ceramics International</i> , 2019, 45, 3767-3781.	2.3	20
83	In simulated body fluid performance of polymorphic apatite coatings synthesized by pulsed electrodeposition. <i>Materials Science and Engineering C</i> , 2017, 79, 100-107.	3.8	18
84	Cu nanowires paper interlinked with cobalt oxide films for enhanced sensing and energy storage. <i>Chemical Communications</i> , 2019, 55, 9031-9034.	2.2	18
85	Design and characterization of zirconium-based multilayer coating for carbon/carbon composites against oxyacetylene ablation. <i>Corrosion Science</i> , 2021, 192, 109785.	3.0	18
86	Nano/micro-sized calcium phosphate coating on carbon/carbon composites by ultrasonic assisted electrochemical deposition. <i>Surface and Interface Analysis</i> , 2012, 44, 21-28.	0.8	17
87	Multi-layer CVD-SiC/MoSi ₂ -CrSi ₂ -Si/B-modified SiC oxidation protective coating for carbon/carbon composites. <i>Vacuum</i> , 2013, 96, 52-58.	1.6	17
88	Integrative improvement on thermophysical properties and ablation resistance of laminated carbon/carbon composites modified by in situ grown HfC nanowires onto carbon fiber cloths. <i>Journal of the European Ceramic Society</i> , 2021, 41, 73-83.	2.8	17
89	Densification behavior and ablation property of C/C-ZrC composites prepared by chemical liquid vapor deposition process at temperatures from 800 to 1100°C. <i>Ceramics International</i> , 2018, 44, 7991-8004.	2.3	16
90	Stable controlled growth of 3D CuO/Cu nanoflowers by surfactant-free method for non-enzymatic hydrogen peroxide detection. <i>Journal of Materials Science and Technology</i> , 2018, 34, 1692-1698.	5.6	16

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91	Orthogonally structured graphene nanointerface for lightweight SiC nanowire-based nanocomposites with enhanced mechanical and electromagnetic-interference shielding properties. <i>Composites Part B: Engineering</i> , 2020, 202, 108381.	5.9	16
92	Templated synthesis of spinel cobaltite MCo ₂ O ₄ (M=Ni, Co and Mn) hierarchical nanofibers for high performance supercapacitors. <i>Journal of Materiomics</i> , 2021, 7, 858-868.	2.8	16
93	Microstructure and ablation property of gradient ZrC SiC modified C/C composites prepared by chemical liquid vapor deposition. <i>Ceramics International</i> , 2019, 45, 13283-13296.	2.3	15
94	Preparation and ablation resistance of ZrC nanowires-reinforced CVD-ZrC coating on sharp leading edge C/C composites. <i>Applied Surface Science</i> , 2022, 584, 152617.	3.1	15
95	High-aspect-ratio HfC nanobelts accompanied by HfC nanowires: Synthesis, characterization and field emission properties. <i>Applied Surface Science</i> , 2017, 402, 344-351.	3.1	14
96	Effect of Al ₂ O ₃ on the densification and oxidation behavior of SiC coating for carbon/carbon composites. <i>Ceramics International</i> , 2018, 44, 12702-12708.	2.3	14
97	3C-SiC Nanowires In-Situ Modified Carbon/Carbon Composites and Their Effect on Mechanical and Thermal Properties. <i>Nanomaterials</i> , 2018, 8, 894.	1.9	14
98	Effects of precursor feeding rate on the microstructure and ablation resistance of gradient C/C ZrC SiC composites prepared by chemical liquid-vapor deposition. <i>Vacuum</i> , 2019, 164, 265-277.	1.6	14
99	Microstructure evolution of SiC-ZrB ₂ -ZrC coating on C/C composites at 1773 K under different oxygen partial pressures. <i>Journal of Alloys and Compounds</i> , 2016, 687, 470-479.	2.8	13
100	Fabrication and properties of carbon fiber-Si ₃ N ₄ nanowires-hydroxyapatite/phenolic resin composites for biological applications. <i>Ceramics International</i> , 2020, 46, 16397-16404.	2.3	13
101	Synthesis of SiC nanonecklaces via chemical vapor deposition in the presence of a catalyst. <i>CrystEngComm</i> , 2017, 19, 952-957.	1.3	12
102	Preparation and characterization of implanted Fe catalyst in hydroxyapatite layer for uniformly dispersion carbon nanotube growth. <i>Applied Surface Science</i> , 2018, 455, 75-83.	3.1	12
103	The ablation and mechanical behaviors of C/(SiC-ZrC) _n multi-layer structure matrix composites by chemical vapor infiltration. <i>Journal of the European Ceramic Society</i> , 2022, 42, 4133-4143.	2.8	12
104	Catalyst-Assisted Growth of Single-Crystalline Hafnium Carbide Nanotubes by Chemical Vapor Deposition. <i>Journal of the American Ceramic Society</i> , 2014, 97, 48-51.	1.9	11
105	Awl-like HfC nanowires grown on carbon cloth via Fe-catalyzed in a polymer pyrolysis route. <i>Journal of the American Ceramic Society</i> , 2020, 103, 3458-3465.	1.9	11
106	Large-scale synthesis of SiC/PyC core-shell structure nanowires via chemical liquid-vapor deposition. <i>Ceramics International</i> , 2021, 47, 500-509.	2.3	11
107	Preparation and ablation properties of SiC nanowire-reinforced ZrC-SiC coating-matrix integrated C/C composites. <i>Ceramics International</i> , 2021, 47, 31251-31258.	2.3	11
108	Adsorbed O ₂ on the Graphite-Induced Growth of Ultra-Long Single-Crystalline 6H-SiC Nanowires. <i>Journal of the American Ceramic Society</i> , 2014, 97, 2379-2382.	1.9	10

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109	Carbon Microtube/NiCo Carbonate Hydride Nanoneedle Composite Foams for Broadband Electromagnetic Interference Shielding. <i>ACS Applied Nano Materials</i> , 2022, 5, 4082-4090.	2.4	10
110	Ferrocene-Catalyzed Growth of Single-Crystalline 6H-SiC Nanoribbons. <i>Journal of the American Ceramic Society</i> , 2014, 97, 3363-3366.	1.9	9
111	Potential field emitters: HfC nanorods sheathed with a HfO ₂ nanoshell. <i>CrystEngComm</i> , 2014, 16, 3186.	1.3	9
112	Effect of free silicon content in inner SiC-Si coating on thermal cyclic ablation behaviour and microstructure of ZrC/SiC-Si coating. <i>Surface and Coatings Technology</i> , 2020, 393, 125775.	2.2	9
113	Ultra-high temperature resistance of one-dimensional hafnium carbide wrapped with pyrolytic carbon up to 2450 °C. <i>Corrosion Science</i> , 2022, 195, 110015.	3.0	9
114	Carbon nanotube reinforced pyrocarbon matrix composites with high coefficient of thermal expansion for self-adapting ultra-high-temperature ceramic coatings. <i>Ceramics International</i> , 2022, 48, 15668-15676.	2.3	9
115	Simultaneously enhancing mechanical and tribological properties of carbon fiber composites by grafting SiC hexagonal nanopyramids for brake disk application. <i>Journal of Materials Science and Technology</i> , 2022, 121, 1-8.	5.6	8
116	Conversion of methane to benzene in CVI by density functional theory study. <i>Scientific Reports</i> , 2019, 9, 19496.	1.6	6
117	Cu/Co mixed hierarchical tubular heterostructures for alkaline supercapacitors. <i>Journal of Materiomics</i> , 2021, 7, 640-647.	2.8	6
118	Effect of stretching on the initial oxidation of 3C-SiC nanowire by first-principle simulation. <i>Applied Surface Science</i> , 2019, 483, 170-177.	3.1	5
119	Free-standing Si ₃ N ₄ nanowires@pyrolytic carbon membranes decorated with metal oxide nanoarrays for flexible hybrid supercapacitors. <i>Journal of Energy Storage</i> , 2022, 49, 104156.	3.9	4
120	Epitaxial Grown Carbon Nanotubes Reinforced Pyrocarbon Matrix in C/C Composites with Improved Mechanical Properties. <i>Materials</i> , 2021, 14, 6607.	1.3	3
121	MnO ₂ Nanosheets Decorated MOF-Derived Co ₃ O ₄ Triangle Nanosheet Arrays for High-Performance Supercapacitors. <i>Materials Technology</i> , 2022, 37, 2188-2193.	1.5	3
122	Surface engineering of MOFs-derived Co ₃ O ₄ nanosheets for high-performance supercapacitor. <i>Materials Technology</i> , 2022, 37, 2976-2982.	1.5	3
123	X-ray diffraction and raman spectroscopy characterization of isotropic pyrocarbon obtained by hot wall chemical vapor deposition. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2013, 28, 358-361.	0.4	1
124	The influence of heat treatment on the ablation behavior of the C/Cx-SiCy composites tested by thin-blade under oxyacetylene torch. <i>Ceramics International</i> , 2022, , .	2.3	1