

David Cornu

List of Publications by Year in descending order

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132
papers

3,924
citations

87843

38
h-index

155592

55
g-index

135
all docs

135
docs citations

135
times ranked

4353
citing authors

#	ARTICLE	IF	CITATIONS
1	A Raman Spectroscopy Study of Individual SiC Nanowires. <i>Advanced Functional Materials</i> , 2007, 17, 939-943.	7.8	168
2	Efficient nanoparticles removal and bactericidal action of electrospun nanofibers membranes for air filtration. <i>Materials Science and Engineering C</i> , 2019, 102, 718-729.	3.8	151
3	Synthesis of Boron Nitride with Ordered Mesostructure. <i>Advanced Materials</i> , 2005, 17, 571-574.	11.1	136
4	Design of Boron Nitride/Gelatin Electrospun Nanofibers for Bone Tissue Engineering. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 33695-33706.	4.0	135
5	Enhanced durability and hydrophobicity of carbon nanotube bucky paper membranes in membrane distillation. <i>Journal of Membrane Science</i> , 2011, 376, 241-246.	4.1	124
6	Development of new biocompatible 3D printed graphene oxide-based scaffolds. <i>Materials Science and Engineering C</i> , 2020, 110, 110595.	3.8	103
7	Fabrication of 3D printed antimicrobial polycaprolactone scaffolds for tissue engineering applications. <i>Materials Science and Engineering C</i> , 2021, 118, 111525.	3.8	90
8	Self-Oscillations in Field Emission Nanowire Mechanical Resonators: A Nanometric dc \rightarrow ac Conversion. <i>Nano Letters</i> , 2007, 7, 2252-2257.	4.5	88
9	Very Long SiC-Based Coaxial Nanocables with Tunable Chemical Composition. <i>Advanced Functional Materials</i> , 2007, 17, 3251-3257.	7.8	80
10	Composites Based on Nanoparticle and Pan Electrospun Nanofiber Membranes for Air Filtration and Bacterial Removal. <i>Nanomaterials</i> , 2019, 9, 1740.	1.9	80
11	Synthesis of Boron Nitride Nanotubes by a Template-Assisted Polymer Thermolysis Process. <i>Journal of Physical Chemistry C</i> , 2007, 111, 13378-13384.	1.5	74
12	Recent Developments in Polymer-Derived Ceramic Fibers (PDCFs): Preparation, Properties and Applications – A Review. <i>Soft Materials</i> , 2007, 4, 249-286.	0.8	71
13	Mechanical properties of SiC nanowires determined by scanning electron and field emission microscopies. <i>Physical Review B</i> , 2008, 77, .	1.1	71
14	A new class of boron nitride fibers with tunable properties by combining an electrospinning process and the polymer-derived ceramics route. <i>Nanoscale</i> , 2010, 2, 215-217.	2.8	69
15	Enhanced electroactive properties of polyurethane films loaded with carbon-coated SiC nanowires. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 055503.	1.3	68
16	Preparation of silver nanoparticles/polydopamine functionalized polyacrylonitrile fiber paper and its catalytic activity for the reduction 4-nitrophenol. <i>Applied Surface Science</i> , 2017, 411, 163-169.	3.1	67
17	Preparation of high-temperature stable SiBCN fibers from tailored single source polyborosilazanes. <i>Journal of the European Ceramic Society</i> , 2005, 25, 251-256.	2.8	64
18	Alkylaminoborazine-based precursors for the preparation of boron nitride fibers by the polymer-derived ceramics (PDCs) route. <i>Journal of the European Ceramic Society</i> , 2005, 25, 111-121.	2.8	62

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19	Recent advances in the electrooxidation of biomass-based organic molecules for energy, chemicals and hydrogen production. <i>Catalysis Science and Technology</i> , 2020, 10, 3071-3112.	2.1	52
20	Kinetic Modeling of the Polymer-Derived Ceramics Route: Investigation of the Thermal Decomposition Kinetics of Poly[B-(methylamino)borazine] Precursors into Boron Nitride. <i>Journal of Physical Chemistry B</i> , 2006, 110, 9048-9060.	1.2	51
21	Advances in Electrocatalysis for Energy Conversion and Synthesis of Organic Molecules. <i>ChemPhysChem</i> , 2017, 18, 2573-2605.	1.0	51
22	High-performance boron nitride fibers obtained from asymmetric alkylaminoborazine. <i>Journal of Materials Chemistry</i> , 2003, 13, 274.	6.7	49
23	High Q factor for mechanical resonances of batch-fabricated SiC nanowires. <i>Applied Physics Letters</i> , 2007, 90, 043113.	1.5	48
24	Fabrication of silicon pyramid/nanowire binary structure with superhydrophobicity. <i>Applied Surface Science</i> , 2009, 255, 7147-7152.	3.1	48
25	Enhancement of calcium copper titanium oxide photoelectrochemical performance using boron nitride nanosheets. <i>Chemical Engineering Journal</i> , 2020, 389, 124326.	6.6	48
26	Controlling the chemistry, morphology and structure of boron nitride-based ceramic fibers through a comprehensive mechanistic study of the reactivity of spinnable polymers with ammonia. <i>Journal of Materials Chemistry</i> , 2006, 16, 3126.	6.7	45
27	Novel and Facile Route for the Synthesis of Tunable Boron Nitride Nanotubes Combining Atomic Layer Deposition and Annealing Processes for Water Purification. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800056.	1.9	45
28	Pyrolysis of poly[2,4,6-tri(methylamino)borazine] and its conversion into BN fibers. <i>Journal of Organometallic Chemistry</i> , 2002, 657, 91-97.	0.8	43
29	Direct synthesis of β -SiC and h-BN coated β -SiC nanowires. <i>Solid State Communications</i> , 2002, 124, 157-161.	0.9	42
30	Direct synthesis of amorphous silicon dioxide nanowires and helical self-assembled nanostructures derived therefrom. <i>Journal of Materials Chemistry</i> , 2003, 13, 3058.	6.7	42
31	Boron Nitride Based Nanobiocomposites: Design by 3D Printing for Bone Tissue Engineering. <i>ACS Applied Bio Materials</i> , 2020, 3, 1865-1874.	2.3	42
32	Fabrication of free-standing electrospun carbon nanofibers as efficient electrode materials for bioelectrocatalysis. <i>New Journal of Chemistry</i> , 2011, 35, 2848.	1.4	41
33	Enhanced electrocatalytic performance triggered by atomically bridged boron nitride between palladium nanoparticles and carbon fibers in gas-diffusion electrodes. <i>Applied Catalysis B: Environmental</i> , 2019, 257, 117917.	10.8	41
34	ZnO nanotubes by template-assisted sol-gel route. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	40
35	Assessing the temporal stability of surface functional groups introduced by plasma treatments on the outer shells of carbon nanotubes. <i>Scientific Reports</i> , 2016, 6, 31565.	1.6	40
36	Structural and Mechanical Behavior of Boron Nitride Fibers Derived from Poly[(Methylamino)Borazine] Precursors: Optimization of the Curing and Pyrolysis Procedures. <i>Journal of the American Ceramic Society</i> , 2006, 89, 42-49.	1.9	39

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37	Design of a Series of Preceramic B-Tri(methylamino)borazine-Based Polymers as Fiber Precursors: Architecture, Thermal Behavior, and Melt-Spinnability. <i>Macromolecules</i> , 2007, 40, 1018-1027.	2.2	39
38	Porous boron nitride supports obtained from molecular precursors. <i>Journal of Organometallic Chemistry</i> , 2002, 657, 98-106.	0.8	38
39	Preparation of BN Microtubes/Nanotubes with a Unique Chemical Process. <i>Journal of Physical Chemistry C</i> , 2008, 112, 18325-18330.	1.5	38
40	Borylborazines as new precursors for boron nitride fibres. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 2809-2814.	0.8	37
41	Evolution of structural features and mechanical properties during the conversion of poly[(methylamino)borazine] fibers into boron nitride fibers. <i>Journal of Solid State Chemistry</i> , 2004, 177, 1803-1810.	1.4	35
42	From Synthesis to Applications: Copper Calcium Titanate (CCTO) and its Magnetic and Photocatalytic Properties. <i>ChemistryOpen</i> , 2019, 8, 922-950.	0.9	34
43	Crystallinity, Crystalline Quality, and Microstructural Ordering in Boron Nitride Fibers. <i>Journal of the American Ceramic Society</i> , 2005, 88, 1607-1614.	1.9	33
44	Glioma stem cells invasive phenotype at optimal stiffness is driven by MGAT5 dependent mechanosensing. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 139.	3.5	33
45	Synthesis, characterization and optical properties of Ti^{II} -conjugated systems incorporating closo-dodecaborate clusters: new potential candidates for two-photon absorption processes. <i>Dalton Transactions</i> , 2005, , 3065.	1.6	31
46	Strong deviations from Fowler-Nordheim behavior for field emission from individual SiC nanowires due to restricted bulk carrier generation. <i>Physical Review B</i> , 2009, 79, .	1.1	31
47	Segregation of copper oxide on calcium copper titanate surface induced by Graphene Oxide for Water splitting applications. <i>Applied Surface Science</i> , 2020, 516, 146051.	3.1	31
48	Preparation of boron nitride-based coatings on metallic substrates via infrared irradiation of dip-coated polyborazylene. <i>Journal of Materials Chemistry</i> , 2009, 19, 2671.	6.7	30
49	Enhanced performance of electrospun carbon fibers modified with carbon nanotubes: promising electrodes for enzymatic biofuel cells. <i>Nanotechnology</i> , 2013, 24, 245402.	1.3	30
50	Boron nitride matrices and coatings from boryl borazine molecular precursors. <i>Journal of Materials Chemistry</i> , 1999, 9, 2605-2610.	6.7	29
51	Synthesis and X-ray structural characterisation of the tetramethylene oxonium derivative of the hydrodecaborate anion. A versatile route for derivative chemistry of $[\text{B}_{10}\text{H}_{10}]^{2-}$. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 2581-2585.	0.8	28
52	New method of synthesis of 6-hydroxy-nido-decaborane 6-(OH) $\text{B}_{10}\text{H}_{13}$ by cage opening of closo- $[\text{B}_{10}\text{H}_{10}]^{2-}$. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 2787-2789.	0.8	27
53	A novel 3D nanofibre scaffold conserves the plasticity of glioblastoma stem cell invasion by regulating galectin-3 and integrin- β 1 expression. <i>Scientific Reports</i> , 2019, 9, 14612.	1.6	27
54	Conversion of $\text{B}(\text{NHCH}_3)_3$ into boron nitride and polyborazine fibres and tubular BN structures derived therefrom. <i>Journal of Materials Chemistry</i> , 1999, 9, 757-761.	6.7	26

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55	Synthesis of [B ₁₂ H ₁₂] ²⁻ based extractants and their application for the treatment of nuclear wastes. <i>Journal of Organometallic Chemistry</i> , 2002, 657, 83-90.	0.8	26
56	Rayleigh instability induced SiC/SiO ₂ necklace like nanostructures. <i>CrystEngComm</i> , 2012, 14, 7744.	1.3	25
57	Synthesis, Characterization, and UV-vis Linear Absorption of Centrosymmetric μ_3 -Systems Incorporating closo-Dodecaborate Clusters. <i>Inorganic Chemistry</i> , 2006, 45, 8743-8748.	1.9	24
58	One-Pot Route to Gold Nanoparticles Embedded in Electrospun Carbon Fibers as an Efficient Catalyst Material for Hybrid Alkaline Glucose Biofuel Cells. <i>ChemElectroChem</i> , 2016, 3, 629-637.	1.7	24
59	Driving self-sustained vibrations of nanowires with a constant electron beam. <i>Physical Review B</i> , 2007, 76, .	1.1	23
60	Cobalt-supported alumina as catalytic film prepared by electrophoretic deposition for hydrogen release applications. <i>Applied Surface Science</i> , 2010, 256, 7684-7691.	3.1	23
61	Insights on Hybrid Glucose Biofuel Cells Based on Bilirubin Oxidase Cathode and Gold-Based Anode Nanomaterials. <i>ChemElectroChem</i> , 2014, 1, 1976-1987.	1.7	23
62	Nanostructured Inorganic Materials at Work in Electrochemical Sensing and Biofuel Cells. <i>Catalysts</i> , 2017, 7, 31.	1.6	23
63	Insights from the Physicochemical and Electrochemical Screening of the Potentiality of the Chemically Synthesized Polyaniline. <i>Journal of the Electrochemical Society</i> , 2020, 167, 066503.	1.3	23
64	Elaboration and characterization of magnetic nanocomposite fibers by electrospinning. <i>Journal of Nanoparticle Research</i> , 2010, 12, 2735-2740.	0.8	21
65	Synthesis of polystyrene coated SiC nanowires as fillers in a polyurethane matrix for electromechanical conversion. <i>Nanotechnology</i> , 2010, 21, 145610.	1.3	21
66	From soil to lab: Utilization of clays as catalyst supports in hydrogen generation from sodium borohydride fuel. <i>Fuel</i> , 2011, 90, 1919-1926.	3.4	21
67	Electrocatalytic and Electroanalytic Investigation of Carbohydrates Oxidation on Gold-Based Nanocatalysts in Alkaline and Neutral pHs. <i>Journal of the Electrochemical Society</i> , 2018, 165, H425-H436.	1.3	21
68	Enhanced electrocatalytic activity and selectivity of glycerol oxidation triggered by nanoalloyed silver-gold nanocages directly grown on gas diffusion electrodes. <i>Journal of Materials Chemistry A</i> , 2020, 8, 8848-8856.	5.2	21
69	Conversion of tris(isopropylamino)borane to polyborazines. Thermal degradation to boron nitride. <i>Polyhedron</i> , 1996, 15, 851-859.	1.0	20
70	Synthesis and X-ray structural characterization of the triphenylphosphine derivative of the closo-dodecaborate anion, closo-[B ₁₂ H ₁₁ P(C ₆ H ₅) ₃][N(n-C ₄ H ₉) ₄]. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 2745-2749.	0.8	20
71	Boron Nitride Obtained from Molecular Precursors: Aminoboranes Used as a BN Source for Coatings, Matrix, and Si ₃ N ₄ -BN Composite Ceramic Preparation. <i>Journal of Solid State Chemistry</i> , 1997, 133, 164-168.	1.4	19
72	Synthesis of 12-Hydroxy and 12-Dioxane Derivatives of the closo-1-Carbadodecaborate(1-) Ion. Variations on the Plešek's Cobalt Bis(dicarbollide) Pattern. <i>Collection of Czechoslovak Chemical Communications</i> , 2002, 67, 953-964.	1.0	19

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73	Boron nitride multiwall nanotubes decorated with BN nanosheets. <i>CrystEngComm</i> , 2011, 13, 6526.	1.3	19
74	Tartaric acid regulated the advanced synthesis of bismuth-based materials with tunable performance towards the electrocatalytic production of hydrogen peroxide. <i>Journal of Materials Chemistry A</i> , 2020, 8, 18840-18855.	5.2	19
75	Iridium and Ruthenium Modified Polyaniline Polymer Leads to Nanostructured Electrocatalysts with High Performance Regarding Water Splitting. <i>Polymers</i> , 2021, 13, 190.	2.0	19
76	Flexible and reusable carbon nano-fibre membranes for airborne contaminants capture. <i>Science of the Total Environment</i> , 2021, 754, 142231.	3.9	18
77	Large-scale preparation of faceted Si ₃ N ₄ nanorods from $\hat{\text{I}}^2\text{-SiC}$ nanowires. <i>Nanotechnology</i> , 2007, 18, 335305.	1.3	17
78	Silicon Nanowire/P3HT Hybrid Solar Cells: Effect of the Electron Localization at Wire Nanodiameters. <i>Energy Procedia</i> , 2012, 31, 136-143.	1.8	17
79	Shaping potentialities of aluminum nitride polymeric precursors. <i>Journal of the European Ceramic Society</i> , 2009, 29, 857-861.	2.8	16
80	CNT-Encapsulated $\hat{\text{I}}^2\text{-SiC}$ Nanocrystals: Enhanced Migration by Confinement in Carbon Channels. <i>Crystal Growth and Design</i> , 2011, 11, 1891-1895.	1.4	16
81	High-resolution ^{15}N solid-state NMR investigations on borazine-based precursors. <i>Applied Organometallic Chemistry</i> , 2004, 18, 227-232.	1.7	15
82	Complete characterisation of BN fibres obtained from a new polyborylborazine. <i>Journal of the European Ceramic Society</i> , 2005, 25, 137-141.	2.8	15
83	Rectifying Source and Drain Contacts for Effective Carrier Transport Modulation of Extremely Doped SiC Nanowire FETs. <i>IEEE Nanotechnology Magazine</i> , 2011, 10, 980-984.	1.1	14
84	Optimization of Chitosan Film-Templated Biocathode for Enzymatic Oxygen Reduction in Glucose Hybrid Biofuel Cell. <i>Journal of the Electrochemical Society</i> , 2017, 164, G29-G35.	1.3	14
85	Silicon nanowires in polymer nanocomposites for photovoltaic hybrid thin films. <i>Materials Chemistry and Physics</i> , 2012, 132, 284-291.	2.0	13
86	Electrospun Carbon Fibers: Promising Electrode Material for Abiotic and Enzymatic Catalysis. <i>Journal of Physical Chemistry C</i> , 2015, 119, 16724-16733.	1.5	13
87	Nanostructured Carbon-Nitrogen-Sulfur-Nickel Networks Derived From Polyaniline as Bifunctional Catalysts for Water Splitting. <i>Frontiers in Chemistry</i> , 2020, 8, 385.	1.8	13
88	Influence of Molecular Precursor Structure on the Crystallinity of Boron Nitride. <i>Journal of Solid State Chemistry</i> , 2000, 154, 137-140.	1.4	12
89	Thermal behaviour of a series of poly[B-(methylamino)borazine] for the preparation of boron nitride fibers. <i>Journal of the European Ceramic Society</i> , 2009, 29, 851-855.	2.8	12
90	Effect of thermal treatments on the properties of PVK/silicon nanowires films for hybrid solar cells. <i>Synthetic Metals</i> , 2011, 161, 1928-1933.	2.1	12

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91	Influence of the polymer matrix on the efficiency of hybrid solar cells based on silicon nanowires. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2012, 177, 173-179.	1.7	11
92	Insights on the Electrocatalytic Seawater Splitting at Heterogeneous Nickel-Cobalt Based Electrocatalysts Engineered from Oxidative Aniline Polymerization and Calcination. <i>Molecules</i> , 2021, 26, 5926.	1.7	11
93	Ultra high sensitive detection of mechanical resonances of nanowires by field emission microscopy. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2007, 204, 1645-1652.	0.8	9
94	Self-Supported Electrocatalysts Derived from Nickel-Cobalt Modified Polyaniline Polymer for H ₂ -Evolution and O ₂ -Evolution Reactions. <i>ChemCatChem</i> , 2020, 12, 5789-5796.	1.8	9
95	Preparation of β -SiC nanowires and SiC@BN nanocables. <i>European Physical Journal Special Topics</i> , 2005, 124, 99-102.	0.2	8
96	Preparation of ZnO nanoparticles localized on SiC@SiO ₂ nanocables by a physical templating method. <i>Journal of the European Ceramic Society</i> , 2009, 29, 863-867.	2.8	8
97	Control of Spatial Organization of Electrospun Fibers in a Carbon Felt for Enhanced Bioelectrode Performance. <i>ChemPlusChem</i> , 2015, 80, 494-502.	1.3	8
98	Synthesis, and two photon absorption properties of 7,7'-((iminundecahydro-closo-dodecaborate)-9,9'-di-hexyl)-2,2'-bifluorene. <i>Chemical Communications</i> , 2008, , 3765.	2.2	7
99	Field Effect Transistors Based on Catalyst-Free Grown 3C-SiC Nanowires. <i>Materials Science Forum</i> , 2010, 645-648, 1235-1238.	0.3	7
100	Synthesis and properties of a photovoltaic cell based on polystyrene-functionalised Si nanowires filled into a poly(N-vinylcarbazole) matrix. <i>Materials Chemistry and Physics</i> , 2012, 136, 431-438.	2.0	7
101	Insights in the sol-gel processing of Pb(Mg _{1/3} Nb _{2/3})O ₃ . The synthesis and crown structure of a new lead magnesium cluster: Pb ₆ Mg ₁₂ (μ_4 -OAc) ₆ (μ_2 -OAc) ₁₈ (μ_3 , μ_2 -OC ₂ H ₄ OPri) ₁₂ . <i>Inorganic Chemistry Communication</i> , 2002, 5, 316-318.	1.8	6
102	Some 2,6-bis(dimethylamino)phenyl-mercury(II) and boron complexes. <i>Polyhedron</i> , 2002, 21, 635-640.	1.0	6
103	Effects of p-doping on the thermal sensitivity of individual Si nanowires. <i>Applied Physics Letters</i> , 2008, 93, 193105.	1.5	6
104	Synthesis and performances of bio-sourced nanostructured carbon membranes elaborated by hydrothermal conversion of beer industry wastes. <i>Nanoscale Research Letters</i> , 2013, 8, 121.	3.1	6
105	Synthesis and molecular structure of 2,4,6-tri[bis(diisopropylamino)boryl(methylamino)]borazine, [(NiPr ₂) ₂ B(Me)N] ₃ B ₃ N ₃ H ₃ . <i>Applied Organometallic Chemistry</i> , 2003, 17, 68-72.	1.7	5
106	Correlation between nanostructural, optical, and photoelectrical properties of P ₃ HT-SiNW nanocomposites for solar cell application. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014, 211, 670-676.	0.8	5
107	Bromide-Regulated Anisotropic Growth of Desert-Rose-Like Nanostructured Gold onto Carbon Fiber Electrodes as Freestanding Electrocatalysts. <i>ACS Applied Energy Materials</i> , 2020, 3, 7560-7571.	2.5	5
108	Polyborosilazane-Derived Ceramic Fibers in the Si-B-C-N Quaternary System for High-Temperature Applications. , 0, , 35-42.		5

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109	Glycerol electroreforming in alkaline electrolysis cells for the simultaneous production of value-added chemicals and pure hydrogen – Mini-review. <i>Electrochemical Science Advances</i> , 2023, 3, .	1.2	5
110	Hybrid films based on silicon nanowires dispersed in a semiconducting polymer for thin film solar cells: Opportunities and new challenges. <i>Synthetic Metals</i> , 2012, 161, 2623-2627.	2.1	4
111	New Sol-Gel Route for Processing of PMN Thin Films. <i>Journal of Sol-Gel Science and Technology</i> , 2003, 26, 1109-1112.	1.1	3
112	Influence of the silicon surface treatment on the properties of SiNWs/PVK hybrid solar cells. <i>Synthetic Metals</i> , 2012, 162, 1120-1125.	2.1	3
113	Silicon nanowire/poly(3-hexylthiophene) hybrids for thin film solar cells. <i>Journal of Non-Crystalline Solids</i> , 2012, 358, 2534-2536.	1.5	3
114	Control of Spatial Organization of Electrospun Fibers in a Carbon Felt for Enhanced Bioelectrode Performance. <i>ChemPlusChem</i> , 2015, 80, 440-440.	1.3	3
115	Review of the Electrospinning Process and the Electro-Conversion of 5-Hydroxymethylfurfural (HMF) into Added-Value Chemicals. <i>Materials</i> , 2022, 15, 4336.	1.3	3
116	Kinetic Investigation of the Curing and Pyrolysis Procedures Used for the Preparation of Polymer-Derived Boron Nitride Fibres. <i>Advances in Science and Technology</i> , 2006, 45, 726.	0.2	2
117	Schottky Barrier 3C-SiC Nanowire Field Effect Transistor. <i>Materials Science Forum</i> , 2011, 679-680, 613-616.	0.3	2
118	Si-Zr-C-N-based hydrophobic plasma polymer membranes for small gas molecule separation. <i>Thin Solid Films</i> , 2013, 527, 87-91.	0.8	2
119	Fundamentals of Electrospinning. , 2015, , 1-28.		2
120	Small angle x-ray scattering to investigate the specific surface of hydrated alginate microbeads. <i>Food Hydrocolloids</i> , 2022, 127, 107498.	5.6	2
121	Boron- and Nitrogen-Containing Polymers. , 2006, , 149-173.		1
122	Borazine Based Pre ceramic Polymers for Advanced BN Materials. , 2008, , 351-371.		1
123	Dots Formation by CVD in the SiC-Si Hetero-System. <i>Materials Science Forum</i> , 2008, 600-603, 571-574.	0.3	1
124	Targeting Several Biologically Reported Targets of Glioblastoma Multiforme by Assaying 2D and 3D Cultured Cells. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 1909-1920.	1.7	1
125	New Method of Synthesis of 6-Hydroxy-nido-decaborane 6-(OH)B ₁₀ H ₁₃ by Cage Opening of closo-[B ₁₀ H ₁₀] ²⁻ . <i>ChemInform</i> , 2005, 36, no.	0.1	0
126	Borylborazines as New Precursors for Boron Nitride Fibres.. <i>ChemInform</i> , 2005, 36, no.	0.1	0

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127	Microtextural and Microstructural Evolution in Poly[(Alkylamino)Borazine]-Derived Fibers During Their Conversion Into Boron Nitride Fibers. , 0, , 43-50.		0
128	Aminoboranes as versatile precursors of boron nitride: Preparation of BN matrices, coatings and fibres. Special Publication - Royal Society of Chemistry, 2007, , 84-87.	0.0	0
129	Synthesis and Characterization of Cubic Silicon Carbide (β -SiC) and Trigonal Silicon Nitride (β -Si ₃ N ₄) Nanowires. Ceramic Engineering and Science Proceedings, 0, , 81-88.	0.1	0
130	Nanostructured Electrocatalytic Interfaces for Dual Electrosynthesis of Hydrogen and Organic Molecules in a Biomass-Fuelled Low External Energy Input Device. ECS Meeting Abstracts, 2019, , .	0.0	0
131	Developed Nanomaterials with a Pdcore-Fe-Pdskin Structure for Efficient Electrocatalytic Performance in Oxygen Reduction and Glycerol Oxidation Reactions in Alkaline Electrolytes. ECS Meeting Abstracts, 2021, MA2021-02, 1425-1425.	0.0	0
132	Probing Oxygen-to-Hydrogen Peroxide Electro-Conversion at Electrocatalysts Derived from Polyaniline. Polymers, 2022, 14, 607.	2.0	0