

# Chris S Blackman

## List of Publications by Year in descending order

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115  
papers

3,890  
citations

109137

35  
h-index

143772

57  
g-index

117  
all docs

117  
docs citations

117  
times ranked

5170  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct <i>in situ</i> spectroscopic evidence of the crucial role played by surface oxygen vacancies in the O <sub>2</sub> -sensing mechanism of SnO <sub>2</sub> . <i>Chemical Science</i> , 2022, 13, 6089-6097.	3.7	7
2	Chemical vapour deposition (CVD) of nickel oxide using the novel nickel dialkylaminoalkoxide precursor [Ni(dmamp) <sub>2</sub> ] (dmamp <sup>2</sup> = 2-dimethylamino-2-methyl-1-propanolate). <i>RSC Advances</i> , 2021, 11, 22199-22205.		5
3	Charge Transport Phenomena in Heterojunction Photocatalysts: The WO <sub>3</sub> /TiO <sub>2</sub> System as an Archetypical Model. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 9781-9793.	4.0	24
4	Robust Protection of III-V Nanowires in Water Splitting by a Thin Compact TiO <sub>2</sub> Layer. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 30950-30958.	4.0	12
5	Developing N-Rich Carbon from C <sub>3</sub> N <sub>4</sub> -Polydopamine Composites for Efficient Oxygen Reduction Reaction. <i>ChemElectroChem</i> , 2021, 8, 3954-3961.	1.7	4
6	Atomistic Descriptions of Gas-Surface Interactions on Tin Dioxide. <i>Chemosensors</i> , 2021, 9, 270.	1.8	9
7	Do We Need Adsorbed Oxygen Species? (Or, A Surface Conductivity Model of Gas Sensitivity in) <i>Tj ETQq1</i> 1 0.784314 18 3509-3516.	4.0	18
8	Persistence of transferred fragrance on fabrics for forensic reconstruction applications. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2020, 60, 53-62.	1.3	9
9	Anisotropic Electron Transport Limits Performance of Bi <sub>2</sub> WO <sub>6</sub> Photoanodes. <i>Journal of Physical Chemistry C</i> , 2020, 124, 18859-18867.	1.5	9
10	Resonant Ta Doping for Enhanced Mobility in Transparent Conducting SnO <sub>2</sub> . <i>Chemistry of Materials</i> , 2020, 32, 1964-1973.	3.2	50
11	Humidity-Tolerant Ultrathin NiO Gas-Sensing Films. <i>ACS Sensors</i> , 2020, 5, 1389-1397.	4.0	38
12	Comparative study of spin-coated and vapour deposited nickel oxides for detecting VOCs. , 2020, , .		3
13	A Multi-MOx Sensor Approach to Measure Oxidizing and Reducing Gases. <i>Proceedings (mdpi)</i> , 2019, 14, 50.	0.2	5
14	Dynamics of Photo-Induced Surface Oxygen Vacancies in Metal-Oxide Semiconductors Studied Under Ambient Conditions. <i>Advanced Science</i> , 2019, 6, 1901841.	5.6	62
15	WO <sub>3</sub> /BiVO <sub>4</sub> : impact of charge separation at the timescale of water oxidation. <i>Chemical Science</i> , 2019, 10, 2643-2652.	3.7	59
16	Effect of oxygen deficiency on the excited state kinetics of WO <sub>3</sub> and implications for photocatalysis. <i>Chemical Science</i> , 2019, 10, 5667-5677.	3.7	97
17	Use of a New Non-Pyrophoric Liquid Aluminum Precursor for Atomic Layer Deposition. <i>Materials</i> , 2019, 12, 1429.	1.3	6
18	Heteroepitaxy of GaP on silicon for efficient and cost-effective photoelectrochemical water splitting. <i>Journal of Materials Chemistry A</i> , 2019, 7, 8550-8558.	5.2	19

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19	Recent Advances in 2D Inorganic Nanomaterials for SERS Sensing. <i>Advanced Materials</i> , 2019, 31, e1803432.	11.1	184
20	Fragrance transfer between fabrics for forensic reconstruction applications. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2019, 59, 256-267.	1.3	10
21	Surface Oxygen Vacancies: Dynamics of Photo-Induced Surface Oxygen Vacancies in Metal-Oxide Semiconductors Studied Under Ambient Conditions ( <i>Adv. Sci.</i> 22/2019). <i>Advanced Science</i> , 2019, 6, 1970132.	5.6	3
22	AACVD Grown WO <sub>3</sub> Nanoneedles Decorated With Ag/Ag <sub>2</sub> O Nanoparticles for Oxygen Measurement in a Humid Environment. <i>IEEE Sensors Journal</i> , 2019, 19, 826-832.	2.4	7
23	Gallium Phosphide photoanode coated with TiO <sub>2</sub> and CoO <sub>x</sub> for stable photoelectrochemical water oxidation. <i>Optics Express</i> , 2019, 27, A364.	1.7	18
24	Gas-phase synthesis of hybrid nanostructured materials. <i>Nanoscale</i> , 2018, 10, 22981-22989.	2.8	5
25	Water Oxidation and Electron Extraction Kinetics in Nanostructured Tungsten Trioxide Photoanodes. <i>Journal of the American Chemical Society</i> , 2018, 140, 16168-16177.	6.6	105
26	InGaN/GaN Multiple Quantum Well Photoanode Modified with Cobalt Oxide for Water Oxidation. <i>ACS Applied Energy Materials</i> , 2018, 1, 6417-6424.	2.5	23
27	Development of a HS-SPME/GC-MS method for the analysis of volatile organic compounds from fabrics for forensic reconstruction applications. <i>Forensic Science International</i> , 2018, 290, 207-218.	1.3	28
28	The Effect of Film Thickness on the Gas Sensing Properties of Ultra-Thin TiO <sub>2</sub> Films Deposited by Atomic Layer Deposition. <i>Sensors</i> , 2018, 18, 735.	2.1	49
29	Optimizing the Activity of Nanoneedle Structured WO <sub>3</sub> Photoanodes for Solar Water Splitting: Direct Synthesis via Chemical Vapor Deposition. <i>Journal of Physical Chemistry C</i> , 2017, 121, 5983-5993.	1.5	71
30	Correlation of Optical Properties, Electronic Structure, and Photocatalytic Activity in Nanostructured Tungsten Oxide. <i>Advanced Materials Interfaces</i> , 2017, 4, 1700064.	1.9	25
31	Facile synthesis of mesoporous hierarchical Co <sub>3</sub> O <sub>4</sub> @TiO <sub>2</sub> p-n heterojunctions with greatly enhanced gas sensing performance. <i>Journal of Materials Chemistry A</i> , 2017, 5, 10387-10397.	5.2	116
32	Photocatalysis: Evidence and Effect of Photogenerated Charge Transfer for Enhanced Photocatalysis in WO <sub>3</sub> /TiO <sub>2</sub> Heterojunction Films: A Computational and Experimental Study ( <i>Adv. Funct. Mater.</i> 18/2017). <i>Advanced Functional Materials</i> , 2017, 27, .	7.8	1
33	Evidence and Effect of Photogenerated Charge Transfer for Enhanced Photocatalysis in WO <sub>3</sub> /TiO <sub>2</sub> Heterojunction Films: A Computational and Experimental Study. <i>Advanced Functional Materials</i> , 2017, 27, 1605413.	7.8	115
34	An array of WO <sub>3</sub> and CTO heterojunction semiconducting metal oxide gas sensors used as a tool for explosive detection. <i>Journal of Materials Chemistry A</i> , 2017, 5, 2172-2179.	5.2	50
35	Nanoscale, conformal films of graphitic carbon nitride deposited at room temperature: a method for construction of heterojunction devices. <i>Nanoscale</i> , 2017, 9, 16586-16590.	2.8	20
36	Self-standing electrodes with core-shell structures for high-performance supercapacitors. <i>Energy Storage Materials</i> , 2017, 9, 119-125.	9.5	52

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37	Deposition of tungsten oxide and silver decorated tungsten oxide for use in oxygen gas sensing. , 2017, , ,		1
38	Chemical Vapour Deposition of Gas Sensitive Metal Oxides. Chemosensors, 2016, 4, 4.	1.8	52
39	Micromachined Gas Sensors Based on Au-functionalized SnO <sub>2</sub> Nanorods Directly Integrated without Catalyst Seeds via AA-CVD. Procedia Engineering, 2016, 168, 1078-1081.	1.2	8
40	Aerosol-Assisted CVD-Grown PdO Nanoparticle-Decorated Tungsten Oxide Nanoneedles Extremely Sensitive and Selective to Hydrogen. ACS Applied Materials & Interfaces, 2016, 8, 10413-10421.	4.0	93
41	Single Step Solution Processed GaAs Thin Films from GaMe <sub>3</sub> and tBuAsH <sub>2</sub> under Ambient Pressure. Journal of Physical Chemistry C, 2016, 120, 7013-7019.	1.5	12
42	p-Type PdO nanoparticles supported on n-type WO <sub>3</sub> nanoneedles for hydrogen sensing. Thin Solid Films, 2016, 618, 238-245.	0.8	20
43	Analysis of transferred fragrance and its forensic implications. Science and Justice - Journal of the Forensic Science Society, 2016, 56, 413-420.	1.3	14
44	&lt;l&gt;A Special Section on&lt;/l&gt; Nanocomposites: Synthesis and Optical Related Applications. Journal of Nanoscience and Nanotechnology, 2016, 16, 10067-10068.	0.9	0
45	Aerosol Assisted Chemical Vapour Deposition Synthesis of Copper(I) Oxide Thin Films for CO&lt;sub>2&lt;/sub> Reduction Photocatalysis. Journal of Nanoscience and Nanotechnology, 2016, 16, 10112-10116.	0.9	10
46	ZnO Rods with Exposed {100} Facets Grown via a Self-Catalyzed Vaporâ€“Solid Mechanism and Their Photocatalytic and Gas Sensing Properties. ACS Applied Materials & Interfaces, 2016, 8, 33335-33342.	4.0	42
47	Aerosol assisted chemical vapour deposition of gas sensitive SnO <sub>2</sub> and Au-functionalised SnO <sub>2</sub> nanorods via a non-catalysed vapour solid (VS) mechanism. Scientific Reports, 2016, 6, 28464.	1.6	37
48	Photocatalytic Oxygen Evolution from Cobalt-Modified Nanocrystalline BiFeO <sub>3</sub> Films Grown via Low-Pressure Chemical Vapor Deposition from Î <sup>2</sup> -Diketonate Precursors. Crystal Growth and Design, 2016, 16, 3818-3825.	1.4	20
49	The spatial distribution patterns of condensed phase post-blast explosive residues formed during detonation. Journal of Hazardous Materials, 2016, 316, 204-213.	6.5	9
50	Morphological Variations of Explosive Residue Particles and Implications for Understanding Detonation Mechanisms. Analytical Chemistry, 2016, 88, 3899-3908.	3.2	18
51	AACVD synthesis of catalytic gold nanoparticle-modified cerium(IV) oxide thin films. Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 996-1000.	0.8	0
52	Growth mechanism of planar or nanorod structured tungsten oxide thin films deposited via aerosol assisted chemical vapour deposition (AACVD). Physica Status Solidi C: Current Topics in Solid State Physics, 2015, 12, 869-877.	0.8	36
53	A solution based route to GaAs thin films from As(NMe <sub>2</sub> ) <sub>3</sub> and GaMe <sub>3</sub> for solar cells. RSC Advances, 2015, 5, 11812-11817.	1.7	11
54	Visible-light driven water splitting over BiFeO <sub>3</sub> photoanodes grown via the LPCVD reaction of [Bi(O <sup>t</sup> Bu) <sub>3</sub> ] and [Fe(O <sup>t</sup> Bu) <sub>3</sub> ] <sub>2</sub> and enhanced with a surface nickel oxygen evolution catalyst. Nanoscale, 2015, 7, 16343-16353.	2.8	55

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55	Single-step co-deposition of nanostructured tungsten oxide supported gold nanoparticles using a gold-phosphine cluster complex as the gold precursor. <i>Science and Technology of Advanced Materials</i> , 2014, 15, 065004.	2.8	4
56	Micromachined gas sensors based on tungsten oxide nanoneedles directly integrated via aerosol assisted CVD. <i>Sensors and Actuators B: Chemical</i> , 2014, 198, 210-218.	4.0	53
57	Microsensors based on Pt-nanoparticle functionalised tungsten oxide nanoneedles for monitoring hydrogen sulfide. <i>RSC Advances</i> , 2014, 4, 1489-1495.	1.7	30
58	A simple, low-cost CVD route to thin films of BiFeO <sub>3</sub> for efficient water photo-oxidation. <i>Journal of Materials Chemistry A</i> , 2014, 2, 2922.	5.2	89
59	Post-blast explosive residue – a review of formation and dispersion theories and experimental research. <i>RSC Advances</i> , 2014, 4, 54354-54371.	1.7	23
60	Solution Processing of GaAs Thin Films for Photovoltaic Applications. <i>Chemistry of Materials</i> , 2014, 26, 4419-4424.	3.2	29
61	Aerosol-assisted CVD synthesis, characterisation and gas-sensing application of gold-functionalised tungsten oxide. <i>Journal of Sensors and Sensor Systems</i> , 2014, 3, 325-330.	0.6	4
62	Nanostructured tungsten oxide gas sensors prepared by electric field assisted aerosol assisted chemical vapour deposition. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1827-1833.	5.2	43
63	Atmospheric pressure chemical vapour deposition of vanadium arsenide thin films via the reaction of VCl <sub>4</sub> or VOCl <sub>3</sub> with tBuAsH <sub>2</sub> . <i>Thin Solid Films</i> , 2013, 537, 171-175.	0.8	2
64	AA-CVD growth and ethanol sensing properties of pure and metal decorated WO <sub>3</sub> nanoneedles. <i>International Journal of Nanotechnology</i> , 2013, 10, 455.	0.1	4
65	Aerosol assisted chemical vapour deposition of gas-sensitive nanomaterials. <i>Thin Solid Films</i> , 2013, 548, 703-709.	0.8	26
66	Single-Step Deposition of Au- and Pt-Nanoparticle-Functionalized Tungsten Oxide Nanoneedles Synthesized Via Aerosol-Assisted CVD, and Used for Fabrication of Selective Gas Microsensor Arrays. <i>Advanced Functional Materials</i> , 2013, 23, 1313-1322.	7.8	143
67	Sensors: Single-Step Deposition of Au- and Pt-Nanoparticle-Functionalized Tungsten Oxide Nanoneedles Synthesized Via Aerosol-Assisted CVD, and Used for Fabrication of Selective Gas Microsensor Arrays ( <i>Adv. Funct. Mater.</i> 10/2013). <i>Advanced Functional Materials</i> , 2013, 23, 1226-1226.	7.8	2
68	CO and H <sub>2</sub> Sensing with CVD-Grown Tungsten Oxide Nanoneedles Decorated with Au, Pt or Cu Nanoparticles. <i>Procedia Engineering</i> , 2012, 47, 904-907.	1.2	7
69	Tantalum and Titanium doped In <sub>2</sub> O <sub>3</sub> Thin Films by Aerosol-Assisted Chemical Vapor Deposition and their Gas Sensing Properties. <i>Chemistry of Materials</i> , 2012, 24, 2864-2871.	3.2	61
70	Photocatalytic activity of needle-like TiO <sub>2</sub> /WO <sub>3</sub> <sup>x</sup> thin films prepared by chemical vapour deposition. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 239, 60-64.	2.0	34
71	A novel route to Pt-Bi <sub>2</sub> O <sub>3</sub> composite thin films and their application in photo-reduction of water. <i>Inorganica Chimica Acta</i> , 2012, 380, 328-335.	1.2	27
72	Gold clusters on WO <sub>3</sub> nanoneedles grown via AACVD: XPS and TEM studies. <i>Materials Chemistry and Physics</i> , 2012, 134, 809-813.	2.0	83

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73	Important considerations for effective gas sensors based on metal oxide nanoneedles films. <i>Sensors and Actuators B: Chemical</i> , 2012, 161, 406-413.	4.0	39
74	Spectroscopic studies of sulfite-based polyoxometalates at high temperature and high pressure. <i>Journal of Solid State Chemistry</i> , 2012, 186, 171-176.	1.4	15
75	Titanium arsenide films from the atmospheric pressure chemical vapour deposition of tetrakisdimethylamidotitanium and tert-butylarsine. <i>Dalton Transactions</i> , 2011, 40, 10664.	1.6	10
76	Au nanoparticle-functionalised WO <sub>3</sub> nanoneedles and their application in high sensitivity gas sensor devices. <i>Chemical Communications</i> , 2011, 47, 565-567.	2.2	204
77	Aerosol Assisted Chemical Vapour Deposition Control Parameters for Selective Deposition of Tungsten Oxide Nanostructures. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 8214-8220.	0.9	36
78	Atmospheric Pressure Chemical Vapour Deposition of TiCl <sub>4</sub> and <i>n</i> -BuAsH <sub>2</sub> to Form Titanium Arsenide Thin Films. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 5629-5634.	1.0	15
79	Characterization and gas sensing properties of intrinsic and Au-doped WO <sub>3</sub> nanostructures deposited by AACVD technique. <i>Procedia Engineering</i> , 2010, 5, 131-134.	1.2	7
80	Bis(cyclopentadienyl) zirconium(IV) amides as possible precursors for low pressure CVD and plasma-enhanced ALD. <i>Inorganica Chimica Acta</i> , 2010, 363, 1077-1083.	1.2	13
81	MOCVD of crystalline Bi <sub>2</sub> O <sub>3</sub> thin films using a single-source bismuth alkoxide precursor and their use in photodegradation of water. <i>Journal of Materials Chemistry</i> , 2010, 20, 7881.	6.7	59
82	MOCVD of Zirconium Oxide from the Zirconium Guanidinate Complex [ZrCp <sup>2</sup> {1,2-(iPrN)2CNMe <sub>2</sub> }2Cl]. <i>ECS Transactions</i> , 2009, 25, 561-565.	0.3	5
83	Atmospheric pressure chemical vapour deposition of thermochromic tungsten doped vanadium dioxide thin films for use in architectural glazing. <i>Thin Solid Films</i> , 2009, 517, 4565-4570.	0.8	111
84	Synthesis of Zirconium Guanidinate Complexes and the Formation of Zirconium Carbonitride via Low Pressure CVD. <i>Organometallics</i> , 2009, 28, 1838-1844.	1.1	30
85	The reaction of tin(IV) iodide with phosphines: formation of new halotin anions. <i>Dalton Transactions</i> , 2009, , 10486.	1.6	10
86	Templated growth of tungsten oxide micro/nanostructures using aerosol assisted chemical vapour deposition. <i>Materials Letters</i> , 2008, 62, 4582-4584.	1.3	26
87	The gas-sensing properties of WO <sub>3</sub> thin films deposited via the atmospheric pressure chemical vapour deposition (APCVD) of WCl <sub>6</sub> with ethanol. <i>Measurement Science and Technology</i> , 2008, 19, 025203.	1.4	31
88	Tungsten imido complexes as precursors to tungsten carbonitride thin films. <i>Dalton Transactions</i> , 2008, , 5730.	1.6	22
89	Aerosol-assisted chemical vapour deposition of WO <sub>3</sub> thin films using polyoxometallate precursors and their gas sensing properties. <i>Journal of Materials Chemistry</i> , 2007, 17, 1063.	6.7	57
90	Aerosol assisted chemical vapour deposition of WO <sub>3</sub> thin films from tungsten hexacarbonyl and their gas sensing properties. <i>Journal of Materials Chemistry</i> , 2007, 17, 3708.	6.7	64

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91	The effect of oxygen-containing reagents on the crystal morphology and orientation in tungsten oxide thin films deposited via atmospheric pressure chemical vapour deposition (APCVD) on glass substrates. <i>Faraday Discussions</i> , 2007, 136, 329.	1.6	16
92	Tungsten Oxide and Tungsten Oxide-Titania Thin Films Prepared by Aerosol-Assisted Deposition – Use of Preformed Solid Nanoparticles. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 1415-1421.	1.0	17
93	Atmospheric pressure chemical vapour deposition of vanadium diselenide thin films. <i>Applied Surface Science</i> , 2007, 253, 6041-6046.	3.1	64
94	The APCVD of tungsten oxide thin films from reaction of $WCl_6$ with ethanol and results on their gas-sensing properties. <i>Polyhedron</i> , 2007, 26, 1493-1498.	1.0	34
95	The Interaction between Otto Fuel II and Aqueous Hydroxylammonium Perchlorate (HAP), Part III: Depletion of Components within the Reacting Liquids. <i>Propellants, Explosives, Pyrotechnics</i> , 2007, 32, 222-226.	1.0	0
96	Aerosol assisted chemical vapour deposition of $MoO_3$ and $MoO_2$ thin films on glass from molybdenum polyoxometallate precursors; thermophoresis and gas phase nanoparticle formation. <i>Journal of Materials Chemistry</i> , 2006, 16, 3575.	6.7	55
97	Composite thermochromic thin films: $(TiO_2)_x(VO_2)_{1-x}$ prepared from titanium isopropoxide, $VOCl_3$ and water. <i>Polyhedron</i> , 2006, 25, 334-338.	1.0	20
98	APCVD of thermochromic vanadium dioxide thin films – solid solutions $V_2-xM_xO_2$ ( $M = Mo, Nb$ ) or composites $VO_2 : SnO_2$ . <i>Journal of Materials Chemistry</i> , 2005, 15, 4560.	6.7	93
99	Atmospheric Pressure Chemical Vapor Deposition of Crystalline Monoclinic $WO_3$ and $WO_{3-x}$ Thin Films from Reaction of $WCl_6$ with O-Containing Solvents and Their Photochromic and Electrochromic Properties. <i>Chemistry of Materials</i> , 2005, 17, 1583-1590.	3.2	161
100	The Interaction between Otto Fuel II and Aqueous Hydroxylammonium Perchlorate (HAP), Part I: Initial Observations and Time-to-Event Measurements. <i>Propellants, Explosives, Pyrotechnics</i> , 2004, 29, 262-266.	1.0	4
101	The Interaction between Otto Fuel II and Aqueous Hydroxylammonium Perchlorate (HAP), Part II: Gas Evolution and Changes in HAP Solution Acidity. <i>Propellants, Explosives, Pyrotechnics</i> , 2004, 29, 354-358.	1.0	1
102	Atmospheric-Pressure CVD of Vanadium Phosphide Thin Films from Reaction of Tetrakisdimethyl-amidovanadium and Cyclohexylphosphine. <i>Chemical Vapor Deposition</i> , 2004, 10, 253-255.	1.4	10
103	Low temperature deposition of crystalline chromium phosphide films using dual-source atmospheric pressure chemical vapour deposition. <i>Applied Surface Science</i> , 2004, 233, 24-28.	3.1	12
104	The reaction of $GeCl_4$ with primary and secondary phosphines. <i>Dalton Transactions</i> , 2004, , 470.	1.6	15
105	Atmospheric-Pressure Chemical Vapor Deposition of Group IVb Metal Phosphide Thin Films from Tetrakisdimethylamidometal Complexes and Cyclohexylphosphine. <i>Chemistry of Materials</i> , 2004, 16, 1120-1125.	3.2	19
106	Dual-Source Atmospheric Pressure CVD of Amorphous Molybdenum Phosphide Films on Glass Using Molybdenum(V) Chloride and Cyclohexylphosphine. <i>Chemical Vapor Deposition</i> , 2003, 9, 10-13.	1.4	12
107	Dual-source chemical vapour deposition of titanium(III) phosphide from titanium tetrachloride and tris(trimethylsilyl)phosphine. <i>Applied Surface Science</i> , 2003, 211, 2-5.	3.1	9
108	Chemical vapour deposition of crystalline thin films of tantalum phosphide. <i>Materials Letters</i> , 2003, 57, 2634-2636.	1.3	14

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109	Chemical vapour deposition of group Vb metal phosphide thin films. Journal of Materials Chemistry, 2003, 13, 1930.	6.7	16
110	Single-source CVD routes to titanium phosphide. Dalton Transactions RSC, 2002, , 2702-2709.	2.3	23
111	Titanium Phosphide Coatings from the Atmospheric Pressure Chemical Vapor Deposition of TiCl <sub>4</sub> and RPH <sub>2</sub> (R = t-Bu, Ph, CyHex). Chemistry of Materials, 2002, 14, 3167-3173.	3.2	20
112	Tin phosphide coatings from the atmospheric pressure chemical vapour deposition of SnX <sub>4</sub> (X=Cl or) Tj ETQq0 0 0 regBT /Overlock 10 Tf	1.0	28
113	Dual source atmospheric pressure chemical vapour deposition of TiP films on glass using TiCl <sub>4</sub> and PH <sub>2</sub> But. Journal of Materials Chemistry, 2001, 11, 2408-2409.	6.7	18
114	New synthetic route to WSF <sub>4</sub> and its solution-phase structure as determined by tungsten L(III)-edge extended X-ray absorption fine structure studies. Journal of the Chemical Society Dalton Transactions, 1996, , 2975.	1.1	8
115	Thermochromic Coatings for Intelligent Architectural Glazing. Journal of Nano Research, 0, 2, 1-20.	0.8	46