Peter J Heard

List of Publications by Year
in descending order

160 papers	2,949 citations	257450 24 h-index	197818 49 g-index
160 all docs	160 docs citations	160 times ranked	3574 citing authors

#	Article	IF	Citations
1	Measurements by x-ray diffraction of the temperature dependence of lattice parameter and crystallite size for isostatically-pressed graphite. Carbon Trends, 2021, 4, 100071.	3.0	18
2	Successes and Challenges Associated with Solution Processing of Kesterite Cu₂ZnSnS₄ Solar Cells on Titanium Substrates. ACS Applied Energy Materials, 2020, 3, 3876-3883.	5.1	4
3	Development of a facile fluorophosphonate-functionalised titanium surface for potential orthopaedic applications. Journal of Orthopaedic Translation, 2020, 23, 140-151.	3.9	5
4	Carbide precipitation associated with carburisation of 9Crâ€“1Mo steel in hot CO2 gas. Materialia, 2019, 7, 100415.	2.7	2
5	A comparison of two high spatial resolution imaging techniques for determining carbide precipitate type and size in ferritic 9Cr-1Mo steel. Ultramicroscopy, 2019, 205, 13-19.	1.9	7
6	The Impact of Alkaliphilic Biofilm Formation on the Release and Retention of Carbon Isotopes from Nuclear Reactor Graphite. Scientific Reports, 2018, 8, 4455.	3.3	2
7	A study of breakaway oxidation of 9Crâ€“1Mo steel in a Hot CO2 atmosphere using Raman spectroscopy. Materials at High Temperatures, 2018, 35, 50-55.	1.0	10
8	Modelling deformation and fracture of Gilsocarbon graphite subject to service environments. Journal of Nuclear Materials, 2018, 499, 18-28.	2.7	12
9	Engineering of a Mo/Si_xN_y Diffusion Barrier to Reduce the Formation of MoS₂ in Cu₂ZnSnS₄ Thin Film Solar Cells. ACS Applied Energy Materials, 2018, 1, 2749-2757.	5.1	17
10	Top-down design of magnonic crystals from bottom-up magnetic nanoparticles through protein arrays. Nanotechnology, 2017, 28, 155301.	2.6	22
11	Synthesis of carbon-13 labelled carbonaceous deposits and their evaluation for potential use as surrogates to better understand the behaviour of the carbon-14-containing deposit present in irradiated PGA graphite. Journal of Nuclear Materials, 2016, 470, 268-277.	2.7	2
12	Corrosion of the alloys Magnox AL80, Magnox ZR55 and pure magnesium in air containing water vapour. Corrosion Science, 2016, 112, 347-363.	6.6	14
13	Examination of Surface Deposits on Oldbury Reactor Core Graphite to Determine the Concentration and Distribution of 14C. PLoS ONE, 2016, 11, e0164159.	2.5	12
14	Multi-scale characterization and modelling of damage evolution in nuclear Gilsocarbon graphite. Materials Research Society Symposia Proceedings, 2015, 1809, 1-6.	0.1	1
15	Magnetic properties of ultrathin CO/Pt multilayer Hall devices irradiated using focused ion beam. Physica B: Condensed Matter, 2015, 476, 158-160.	2.7	2
16	Evaluation of the use of magnetic sector secondary ion mass spectrometry to investigate ¹⁴C distribution in Magnox reactor core graphite. Mineralogical Magazine, 2015, 79, 1327-1334.	1.4	1
17	A Study of the Oxidation Behaviour of Pile Grade A (PGA) Nuclear Graphite Using Thermogravimetric Analysis (TGA), Scanning Electron Microscopy (SEM) and X-Ray Tomography (XRT). PLoS ONE, 2015, 10, e0143041.	2.5	13
18	Investigation of temperature dependent magnetic properties in irradiated Co/Pt multilayer devices using Extraordinary Hall effect measurements. , 2015, , .		0

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19	Evaluation of surface deposits on the channel wall of trepanned reactor core graphite samples. Journal of Nuclear Materials, 2014, 445, 91-97.	2.7	10
20	Dispersion characterisation of CaCO3 particles in PP/CaCO3 composites. Composites Part A: Applied Science and Manufacturing, 2014, 60, 38-43.	7.6	25
21	Incorporation of lithium and nitrogen into CVD diamond thin films. Diamond and Related Materials, 2014, 44, 1-7.	3.9	23
22	Understanding fracture behaviour of PGA reactor core graphite: Perspective. Materials Science and Technology, 2014, 30, 129-145.	1.6	17
23	Small-Scale Approaches to Evaluate the Mechanical Properties of Quasi-Brittle Reactor Core Graphite. , 2014, , 84-104.		2
24	Investigating the role of microbes in mineral weathering: Nanometre-scale characterisation of the cellâ€“mineral interface using FIB and TEM. Micron, 2013, 47, 10-17.	2.2	23
25	Towards new binary compounds: Synthesis of amorphous phosphorus carbide by pulsed laser deposition. Journal of Solid State Chemistry, 2013, 198, 466-474.	2.9	53
26	Overview of strength, crack propagation and fracture of nuclear reactor moderator graphite. Nuclear Engineering and Design, 2013, 263, 431-442.	1.7	18
27	Enhancing the performance of Mid-InfraRed lasers using structured facets. , 2012, , .		0
28	A Gallium Nitride Distributed Bragg Reflector cavity for integrated photonics applications. , 2012, , .		0
29	Vertical-cavity surface-emitting lasers with incorporated photonic crystals for transverse mode control. Semiconductor Science and Technology, 2012, 27, 094010.	2.0	0
30	Single lateral mode mid-infrared laser diode using wavelength-scale modulation of the facet reflectivity. Applied Physics Letters, 2012, 100, .	3.3	12
31	Mechanical studies of single glass fibres recycled from hydrolysis process using sub-critical water. Composites Part A: Applied Science and Manufacturing, 2012, 43, 398-406.	7.6	44
32	Recyclage par solvolyse des matÃ©riaux composites thermodurcissables du transport de surface. Materiaux Et Techniques, 2012, 100, 493-503.	0.9	1
33	A Gallium Nitride Distributed Bragg Reflector Cavity for Integrated Photonics Applications. , 2012, , .		0
34	Fabrication and magnetic properties of patterned NiFeMo films electrodeposited in self-assembled nanosphere templates. Journal of Applied Physics, 2011, 109, 054313.	2.5	5
35	Initial microstructural study of a Ceâ€“La alloy using electron backscattered diffraction. Journal of Alloys and Compounds, 2011, 509, 4284-4289.	5.5	0
36	The oxidative corrosion of carbide inclusions at the surface of uranium metal during exposure to water vapour. Journal of Hazardous Materials, 2011, 195, 115-123.	12.4	23

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37	Deformation and fracture of irradiated polygranular pile grade A reactor core graphite. Journal of Nuclear Materials, 2011, 418, 223-232.	2.7	18
38	Comparative Study of Mode Control in Vertical-Cavity Surface-Emitting Lasers With Photonic Crystal and Micropillar Etching. IEEE Journal of Quantum Electronics, 2011, 47, 1257-1265.	1.9	13
39	Crack initiation and propagation in pile grade A (PGA) reactor core graphite under a range of loading conditions. Journal of Nuclear Materials, 2010, 401, 71-77.	2.7	21
40	Statistical analysis of particle dispersion in a PE/TiO2 nanocomposite film. Composite Structures, 2010, 92, 2203-2207.	5.8	19
41	Thermal conductivity and Seebeck coefficients of icosahedral boron arsenide films on silicon carbide. Journal of Applied Physics, 2010, 108, 084906.	2.5	13
42	Design and fabrication techniques for a mid-infrared photonic crystal defect cavity in indium antimonide. , 2010, , .		0
43	The Influence of Specific Anion Adsorption on the Surface Roughness of Electrodeposited Polycrystalline Cu Films. Journal of the Electrochemical Society, 2010, 157, D193.	2.9	18
44	Hybrid lipidâ€“silica microcapsules engineered by phase coacervation of Pickering emulsions to enhance lipid hydrolysis. Physical Chemistry Chemical Physics, 2010, 12, 7162.	2.8	23
45	Design and fabrication of a midinfrared photonic crystal defect cavity in indium antimonide. Journal of Optics, 2009, 11, 054006.	1.5	5
46	Surface charge lithography for GaN micro- and nanostructuring. Proceedings of SPIE, 2009, , .	0.8	3
47	Preparation of location-specific thin foils from Feâ€“3% Si bi- and tri-crystals for examination in a FEG-STEM. Ultramicroscopy, 2009, 109, 147-153.	1.9	7
48	Fabrication and measurement of a photonic crystal waveguide integrated with a semiconductor optical amplifier. Journal of the Optical Society of America B: Optical Physics, 2009, 26, 768.	2.1	13
49	Dry Hybrid Lipidâ^'Silica Microcapsules Engineered from Submicron Lipid Droplets and Nanoparticles as a Novel Delivery System for Poorly Soluble Drugs. Molecular Pharmaceutics, 2009, 6, 861-872.	4.6	90
50	Functional Mapping of Single Molecules and Gels using Atomic Force Microscopy. Biophysical Journal, 2009, 96, 644a.	0.5	0
51	Surface Roughness and Magnetic Properties of Electrodeposited NiFeMo Thin Films. Electrochemical and Solid-State Letters, 2009, 12, D7.	2.2	3
52	Residual stress relaxation measurements across interfaces at macro-and micro-scales using slitting and DIC. Journal of Physics: Conference Series, 2009, 181, 012078.	0.4	5
53	Characterization of size, aspect ratio and degree of dispersion of particles in filled polymeric composites using FIB. Clay Minerals, 2009, 44, 195-205.	0.6	2
54	Dispersion characterization in layered double hydroxide/Nylon 66 nanocomposites using FIB imaging. Journal of Applied Polymer Science, 2008, 108, 4108-4113.	2.6	9

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55	Visualisation of the distribution of offset ink components printed onto coated paper. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 317, 557-567.	4.7	28
56	Application of surface charge lithography to nanostructuring of GaN epilayers. Surface Engineering and Applied Electrochemistry, 2008, 44, 6-8.	0.8	2
57	Fabrication of GaN nanowalls and nanowires using surface charge lithography. Materials Letters, 2008, 62, 4576-4578.	2.6	19
58	Small Fermi Surface Pockets in Underdoped High Temperature Superconductors: Observation of Shubnikovâ€“deÂHaas Oscillations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>YBa</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Cu</mml:mi><mml:mn mathvariant="normal">O</mml:mi><mml:mn>8</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2008, 100, 047004.	7.8	222
59	Raman and conductivity studies of boron-doped microcrystalline diamond, facetted nanocrystalline diamond and cauliflower diamond films. Diamond and Related Materials, 2008, 17, 105-117.	3.9	237
60	The use of focused ion beams for the characterisation of industrial mineral microparticles. Applied Clay Science, 2008, 39, 72-77.	5.2	9
61	Impact of geometrical parameters on an oxide confined vertical cavity surface emitting laser with an integrated photonic crystal. , 2008, , .		0
62	Etching characteristics of LiNbO3 in reactive ion etching and inductively coupled plasma. Journal of Applied Physics, 2008, 103, .	2.5	57
63	A new detection system for extremely small vertically mounted cantilevers. Nanotechnology, 2008, 19, 384002.	2.6	37
64	Design and fabrication of a mid infra-red photonic crystal defect laser in Indium Antimonide. , 2008, , .		0
65	Static and dynamical characteristics of semiconductor vertical-emitting lasers with incorporated photonic crystals. , 2008, , .		0
66	Fabrication and characterization of GaInNAs/GaAs semiconductor optical amplifiers. Proceedings of SPIE, 2008, , .	0.8	2
67	Static and dynamic properties of vertical-cavity surface-emitting semiconductor lasers with incorporated two-dimensional photonic crystals. Proceedings of SPIE, 2008, , .	0.8	2
68	Reduction of threading dislocations in ZnO/(0001) sapphire film heterostructure by epitaxial lateral overgrowth of nanorods. Journal of Applied Physics, 2008, 104, .	2.5	21
69	GaInNAs/GaAs Quantum-Well Semiconductor Optical Amplifiers for Simultaneous Multi-wavelength Amplification. , 2007, , .		0
70	Focused ion beam etching for the fabrication of micropillar microcavities made of III-V semiconductor materials. Journal of Vacuum Science & Technology B, 2007, 25, 1197.	1.3	8
71	Application of Cryo-SIMS to the analysis of polar ice. Journal of Glaciology, 2007, 53, 63-70.	2.2	0
72	Proton exchange and diffusion in LiNbO[sub 3] using inductance coupled high density plasma. Journal of Vacuum Science & Technology B, 2007, 25, 1161.	1.3	5

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73	Novel Fabrication Technique of Proton-exchanged Waveguide Based on LiNbO<inf>3</inf> Using Inductively Coupled Plasma. , 2007, , .		1
74	Anomalous Scaling for Thick Electrodeposited Films. Physical Review Letters, 2007, 98, 236101.	7.8	40
75	Field emission observed from metal-diamond junctions revealed by atomic force microscopy. Applied Physics Letters, 2007, 90, 242109.	3.3	3
76	Boron Doping of Microcrystalline and Nanocrystalline Diamond Films: Where is the Boron Going?. Materials Research Society Symposia Proceedings, 2007, 1039, 1.	0.1	1
77	Arsenic and Antimony Doping: An Attempt to Deposit n-type CVD Diamond. Materials Research Society Symposia Proceedings, 2007, 1039, 1.	0.1	5
78	The role of the surface chemistry of CoCr alloy particles in the phagocytosis and DNA damage of fibroblast cells. Journal of Biomedical Materials Research - Part A, 2007, 82A, 363-372.	4.0	16
79	Raman and conductivity studies of boron doped microcrystalline diamond, facetted nanocrystalline diamond and cauliflower diamond films. Chemical Physics Letters, 2007, 446, 103-108.	2.6	183
80	Surface roughness analysis of electrodeposited Cu. Electrochimica Acta, 2007, 53, 229-232.	5.2	5
81	Angular Dependence of Domain Wall Resistivity in Artificial Magnetic Domain Structures. Physical Review Letters, 2006, 97, 206602.	7.8	33
82	Dynamic SIMS analysis of cryo-prepared biological and geological specimens. Applied Surface Science, 2006, 252, 6793-6796.	6.1	28
83	A detailed fitness-for-purpose assessment of turbine valve spindles. Engineering Failure Analysis, 2006, 13, 747-766.	4.0	2
84	The entrapment of corrosion products from CoCr implant alloys in the deposits of calcium phosphate: A comparison of serum, synovial fluid, albumin, EDTA, and water. Journal of Orthopaedic Research, 2006, 24, 1587-1596.	2.3	25
85	Focused ion beam fabrication of two dimensional photonic crystals in silicon-on-insulator. Journal of Vacuum Science & Technology B, 2006, 24, 2533.	1.3	12
86	Fragile three-dimensionality in the quasi-one-dimensional cuprate PrBa2Cu4O8. New Journal of Physics, 2006, 8, 172-172.	2.9	14
87	Distribution of boron within the microstructure of a ferritic steel determined using secondary ion mass spectrometry. Philosophical Magazine, 2006, 86, 1277-1286.	1.6	1
88	Fabrication and characterizations of proton-exchanged LiNbO3 waveguides fabricated by inductively coupled plasma technique. Applied Physics Letters, 2006, 88, 142905.	3.3	13
89	Investigation of artificial domains realized by local gallium focused ion-beam modification of Ptâˆ•Coâˆ•Pt trilayer structures. Journal of Applied Physics, 2006, 99, 08C504.	2.5	9
90	Focused ion beam-based fabrication of nanostructured photonic devices. IEEE Journal of Selected Topics in Quantum Electronics, 2005, 11, 1266-1277.	2.9	37

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91	The effects of calcium phosphate deposition upon corrosion of CoCr alloys and the potential for implant failure. Journal of Biomedical Materials Research - Part A, 2005, 75A, 365-373.	4.0	30
92	Artificial domain structures realized by local gallium focused Ion-beam modification of Ptâˆ•Coâˆ•Pt trilayer transport structure. Journal of Applied Physics, 2005, 98, 124102.	2.5	25
93	Reduction of U(VI) to U(IV) on the surface of magnetite. Geochimica Et Cosmochimica Acta, 2005, 69, 5639-5646.	3.9	229
94	The extraction of uranium from groundwaters on iron surfaces. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2005, 461, 1247-1259.	2.1	29
95	Thermal mapping of defects in AlGaNâˆ•GaN heterostructure field-effect transistors using micro-Raman spectroscopy. Applied Physics Letters, 2005, 87, 103508.	3.3	34
96	Analysis of boron-10 in soft tissue by dynamic secondary ion mass spectrometry. Journal of Microscopy, 2004, 213, 39-45.	1.8	14
97	Visualisation of the distribution of ink components in printed coated paper using focused ion beam techniques. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2004, 244, 67-71.	4.7	21
98	Novel athermal WDM laser with polymer grating. , 2004, 5280, 189.		1
99	Determination of the Distribution of Sulphur in Wheat Starchy Endosperm Cells Using Secondary Ion Mass Spectroscopy (SIMS) Combined with Isotope Enhancement. Journal of Cereal Science, 2003, 37, 311-318.	3.7	12
100	Eye-opening lattice work. IEEE Circuits and Devices: the Magazine of Electronic and Photonic Systems, 2003, 19, 18-25.	0.4	0
101	The effect of ion energy on the deposition of amorphous carbon phosphide films. Diamond and Related Materials, 2003, 12, 979-982.	3.9	12
102	Tapered waveguide with parabolic lens: theory and experiment. Optical Engineering, 2003, 42, 792.	1.0	5
103	Investigation of 2-D-lattice distributed reflector lasers. IEEE Journal of Quantum Electronics, 2002, 38, 1485-1492.	1.9	2
104	Deposition and properties of amorphous carbon phosphide films. Diamond and Related Materials, 2002, 11, 1041-1046.	3.9	52
105	The effect of the microscale distribution of boron on the yield strength of Câ€“Mn steels subjected to neutron irradiation. Acta Materialia, 2002, 50, 4395-4417.	7.9	8
106	Investigation into the distribution of ink components on printed coated paper. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 205, 183-198.	4.7	26
107	Investigation into the distribution of ink components throughout printed coated paper. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2002, 205, 199-213.	4.7	26
108	Determination of the elemental composition of mature wheat grain using a modified secondary ion mass spectrometer (SIMS). Plant Journal, 2002, 30, 237-245.	5.7	55

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109	A role for HKT1 in sodium uptake by wheat roots. Plant Journal, 2002, 32, 139-149.	5.7	250
110	Design and performance analysis of deep-etch air/nitride distributed Bragg reflector gratings for AlInGaN laser diodes. Applied Physics Letters, 2001, 79, 4076-4078.	3.3	20
111	Design and fabrication of air/semiconductor Bragg gratings for short wavelength nitride-based lasers. , 2001, , .		0
112	Enhanced-performance operation of InGaN MQW lasers with air/nitride-distributed Bragg reflector defined by focused ion beam etching. , 2001, , .		1
113	<title>Gaussian beam profile and single transverse mode emission from previously multimode gain-guided VCSEL using novel etch</title>. , 2000, 3946, 219.		4
114	<title>Polarization pinning of a VCSEL array</title>. , 2000, , .		4
115	Microstructural characterization and analysis of inclusions in C-Mn steel and weld metals. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2000, 31, 615-628.	2.2	5
116	Threshold current reduction in InGaN MQW laser diode with /4 air/semiconductor Bragg reflectors. Electronics Letters, 2000, 36, 1706.	1.0	14
117	Mode-hop-free, singlemode operation of 2D lattice distributed reflector laser under 2.5 Gbit/s modulation. Electronics Letters, 2000, 36, 141.	1.0	12
118	Gaussian etched single transverse mode vertical-cavity surface-emitting laser. , 2000, , .		0
119	2D-lattice distributed reflector laser. , 2000, , .		0
120	10 Gbit/s singlemode operation of two-dimensional-lattice distributed reflector laser. Electronics Letters, 2000, 36, 2014.	1.0	4
121	Surface diagnostics of dry etched IIIâ€“V semiconductor samples using focused ion beam and secondary ion mass spectrometry. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1999, 17, 3080.	1.6	5
122	Use of novel methods for the investigation of the boron distribution in CVD diamond. Acta Materialia, 1999, 47, 4025-4030.	7.9	35
123	Dual-purpose VCSELs for short-haul bidirectional communication links. IEEE Photonics Technology Letters, 1999, 11, 1548-1550.	2.5	18
124	Dual-purpose vertical-cavity optoelectronic components for data communication applications. , 1999, , .		0
125	Analysis of polarization pinning in vertical-cavity surface-emitting lasers using etched trenches. , 1999, , .		0
126	Focused Ion Beam Etching of GaN. MRS Internet Journal of Nitride Semiconductor Research, 1999, 4, 769-774.	1.0	2

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127	Study of ironâ€“chromium alloys and mixed oxides using focused ion beam optical spectroscopy. Journal of Analytical Atomic Spectrometry, 1998, 13, 799-801.	3.0	4
128	Simple technique for bandwidth enhancement of multimode fibre links using controlled spatial emission from vertical cavity surface emitting lasers. Electronics Letters, 1998, 34, 2038.	1.0	15
129	Focused ION Beam Etching of GaN. Materials Research Society Symposia Proceedings, 1998, 537, 1.	0.1	1
130	Complete polarisation control of GaAs gain-guided top-surface emitting vertical cavity lasers. Electronics Letters, 1997, 33, 1315.	1.0	27
131	Beam control and manipulation in vertical-cavity surface-emitting lasers. , 1997, , .		0
132	Mode control in vertical-cavity surface-emitting lasers by post-processing using focused ion-beam etching. IEEE Photonics Technology Letters, 1997, 9, 1193-1195.	2.5	23
133	Magnetoconductivity in a mesoscopic antidot array. Physical Review B, 1993, 47, 7348-7353.	3.2	18
134	Low-field magnetotransport study of localization in a mesoscopic antidot array. Physical Review B, 1993, 47, 7354-7360.	3.2	8
135	FIB repair of integrated circuits. Microelectronic Engineering, 1992, 17, 423-426.	2.4	3
136	Focused ion-beam assisted deposition of tungsten and carbon. Journal of Physics Condensed Matter, 1991, 3, S199-S206.	1.8	9
137	Focused ion beam deposition of carbon for photomask repair. Microelectronic Engineering, 1990, 11, 421-425.	2.4	23
138	Repair of opaque defects in photomasks using focused ion beams. Journal Physics D: Applied Physics, 1987, 20, 1207-1209.	2.8	20
139	Comparison of focused ion beam and laser techniques for optical mask repair. Microelectronic Engineering, 1987, 6, 597-603.	2.4	11
140	Patterning of fine structures in silicon dioxide layers by ion beam exposure and wet chemical etching. Applied Physics Letters, 1986, 49, 654-656.	3.3	2
141	Focused ion beam repair techniques for clear and opaque defects in masks. Microelectronic Engineering, 1985, 3, 253-260.	2.4	29
142	Registration mark detection for scanning ion beam lithography. Electronics Letters, 1985, 21, 629.	1.0	4
143	Application of a focused ion beam system to defect repair of VLSI masks. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 1985, 3, 87.	1.6	43
144	<title>Scanning Ion Beam Lithography For Sub-Micron Structure Fabrication</title>. , 1983, 0393, 129.		1

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145	Post-processing of vertical-cavity surface-emitting lasers for transverse mode and polarization control. , 0, , .		0
146	Dual-purpose vertical-cavity surface-emitting lasers for data communications applications. , 0, , .		2
147	Spatial emission control of vertical cavity surface emitting lasers to provide bandwidth gain in multimode fibre links using a simple alignment technique. , 0, , .		0
148	Mode-Controlled Vertical Cavity Surface Emitting Lasers for Bandwidth Enhancement of Multimode Fibre Links. , 0, , .		1
149	Mechanism of polarisation pinning in vertical cavity surface emitting lasers using focused ion beam etching. , 0, , .		0
150	High performance multimode fibre link using ring-lasing vertical cavity surface emitting lasers. , 0, , .		2
151	Vertical-cavity based optoelectronic transceivers. , 0, , .		1
152	High power laser with integrated lens using focused ion beam etching. , 0, , .		0
153	Reduced threshold current and enhanced mode selectivity in InGaN MQW lasers with deeply etched air/nitride distributed Bragg reflector. , 0, , .		0
154	Investigation of 2D-lattice distributed reflector lasers. , 0, , .		0
155	1..25-Gb s/sup -1/ bidirectional multimode-fibre data link using a dual-purpose vertical-cavity laser & detector. , 0, , .		1
156	Focused ion beam fabrication of photonic crystal structures. , 0, , .		2
157	Multi-Scale Mechanical Property Characterisation of Quasi-Brittle Filter Graphite. Key Engineering Materials, 0, 627, 53-56.	0.4	1
158	Study of Reticulated Vitreous Carbon Foam as a Quasi-Brittle Material. Key Engineering Materials, 0, 665, 229-232.	0.4	2
159	The Evaluation of Deformation and Fracture of Gilsocarbon Graphite Subject to Service Environments: Experimental and Modelling. Key Engineering Materials, 0, 754, 91-94.	0.4	2
160	Vertical cavity optoelectronic transceivers for short distance data communications links. , 0, , .		0