# Enda McGlynn

## List of Publications by Year in Descending Order



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| 127 papers | 1,808 citations | 23 h-index | 34 g-index |
| 139 ext. papers | 1,968 ext. citations | 3 avg, IF | 4.31 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 127 | Analysing trimethylaluminum infiltration into polymer brushes using a scalable area selective vapor phase process. *Materials Advances*, **2021**, 2, 769-781 | 3.3 | 4 |
| 126 | Aluminium oxide formation via atomic layer deposition using a polymer brush mediated selective infiltration approach. *Applied Surface Science*, **2020**, 515, 145987 | 6.7 | 2 |
| 125 | Photoelectrocatalytic Degradation of Methylene Blue Using ZnO Nanorods Fabricated on Silicon Substrates. *Journal of Nanoscience and Nanotechnology*, **2020**, 20, 1177-1188 | 1.3 | 4 |
| 124 | Precise Definition of a "Monolayer Point" in Polymer Brush Films for Fabricating Highly Coherent TiO Thin Films by Vapor-Phase Infiltration. *Langmuir*, **2020**, 36, 12394-12402 | 4 | 5 |
| 123 | Surface characterization of poly-2-vinylpyridine□ polymer for area selective deposition techniques. *Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films*, **2019**, 37, 050601 | 2.9 | 4 |
| 122 | Hard x-ray photoelectron spectroscopy study of copper formation by metal salt inclusion in a polymer film. *Journal Physics D: Applied Physics*, **2019**, 52, 435301 | 3 | 7 |
| 121 | HO-assisted photoelectrocatalytic degradation of Mitoxantrone using CuO nanostructured films: Identification of by-products and toxicity. *Science of the Total Environment*, **2019**, 651, 2845-2856 | 10.2 | 24 |
| 120 | Field enhancement of multiphoton induced luminescence processes in ZnO nanorods. *Journal Physics D: Applied Physics*, **2018**, 51, 105306 | 3 | 3 |
| 119 | Local atomic environment of the Cu-related defect in zinc oxide. *Journal Physics D: Applied Physics*, **2017**, 50, 145105 | 3 | 1 |
| 118 | Pronounced effects of oxygen growth pressure on structure and properties of ZnO and AZO films laser deposited on Zeonor polymer. *Thin Solid Films*, **2017**, 621, 171-177 | 2.2 | 4 |
| 117 | High quality interconnected core/shell ZnO nanorod architectures grown by pulsed laser deposition on ZnO-seeded Si substrates. *Superlattices and Microstructures*, **2017**, 101, 8-14 | 2.8 | 10 |
| 116 | Growth of 18O isotopically enriched ZnO nanorods by two novel VPT methods. *Journal of Crystal Growth*, **2017**, 460, 85-93 | 1.6 | 1 |
| 115 | Enhanced Optical Properties of ZnO and CeO-coated ZnO Nanostructures Achieved Via Spherical Nanoshells Growth On A Polystyrene Template. *Scientific Reports*, **2017**, 7, 3737 | 4.9 | 3 |
| 114 | Chemical and electrical characterisation of the segregation of Al from a CuAl alloy (90%:10% wt) with thermal anneal. *Thin Solid Films*, **2016**, 599, 59-63 | 2.2 | 2 |
| 113 | Crystal Symmetry, Lattice Vibrations, and Optical Spectroscopy of Solids: A Group Theoretical Approach. *Contemporary Physics*, **2016**, 57, 96-99 | 3.3 | |
| 112 | Relativistic laser nano-plasmonics for effective fast particle production. *Plasma Physics and Controlled Fusion*, **2016**, 58, 014038 | 2 | 17 |
| 111 | Origin of the 3.331 eV emission in ZnO nanorods: Comparison of vapour phase transport and pulsed laser deposition grown nanorods. *Journal of Luminescence*, **2016**, 175, 117-121 | 3.8 | 3 |

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| 110 | Control of crystal structure, morphology and optical properties of ceria films by post deposition annealing treatments. *Thin Solid Films*, **2016**, 603, 363-370 | 2.2 | 8 |
| 109 | Growth of isotopically enriched ZnO nanorods of excellent optical quality. *Journal of Crystal Growth* , **2015**, 429, 6-12 | 1.6 | 10 |
| 108 | Comparison of Linear and Nonlinear Optical Properties of ZnO Nanorods. *Nano-optics and Nanophotonics*, **2015**, 193-206 | 0 | |
| 107 | Highly transparent and reproducible nanocrystalline ZnO and AZO thin films grown by room temperature pulsed-laser deposition on flexible Zeonor plastic substrates. *Materials Research Express*, **2015**, 2, 096401 | 1.7 | 15 |
| 106 | Crystalline ZnO/Amorphous ZnO Core/Shell Nanorods: Self-Organized Growth, Structure, and Novel Luminescence. *Journal of Physical Chemistry C*, **2015**, 119, 4848-4855 | 3.8 | 11 |
| 105 | Control and enhancement of the oxygen storage capacity of ceria films by variation of the deposition gas atmosphere during pulsed DC magnetron sputtering. *Journal of Power Sources*, **2015** , 279, 94-99 | 8.9 | 10 |
| 104 | The luminescent properties of CuAlO2. *Journal of Materials Chemistry C*, **2014**, 2, 7859-7868 | 7.1 | 15 |
| 103 | Synthesis and characterization of Mn-doped ZnO nanorods grown in an ordered periodic honeycomb pattern using nanosphere lithography. *Ceramics International*, **2014**, 40, 7753-7759 | 5.1 | 21 |
| 102 | Alignment, Morphology and Defect Control of Vertically Aligned ZnO Nanorod Array: Competition between Surfactant and Stabilizer Roles of the Amine Species and Its Photocatalytic Properties. *Crystal Growth and Design*, **2014**, 14, 2873-2879 | 3.5 | 26 |
| 101 | ZnO nanorods for efficient third harmonic UV generation: erratum. *Optical Materials Express*, **2014**, 4, 1243 | 2.6 | 3 |
| 100 | ZnO nanorods for efficient third harmonic UV generation. *Optical Materials Express*, **2014**, 4, 701 | 2.6 | 15 |
| 99 | Influence of ZnO nanowire array morphology on field emission characteristics. *Nanotechnology*, **2014**, 25, 135604 | 3.4 | 9 |
| 98 | Defect-mediated ferromagnetism in ZnO:Mn nanorods. *Applied Physics A: Materials Science and Processing*, **2014**, 115, 313-321 | 2.6 | 8 |
| 97 | Defect-induced room temperature ferromagnetism in B-doped ZnO. *Ceramics International*, **2013**, 39, 4609-4617 | 5.1 | 27 |
| 96 | Dellafossite CuAlO2 film growth and conversion to Cu Al2O3 metal ceramic composite via control of annealing atmospheres. *CrystEngComm*, **2013**, 15, 6144 | 3.3 | 11 |
| 95 | The Hg isoelectronic defect in ZnO. *Journal of Applied Physics*, **2013**, 114, 193515 | 2.5 | 1 |
| 94 | Chemical identification of luminescence due to Sn and Sb in ZnO. *Applied Physics Letters*, **2013**, 102, 192110 | 3.3 | 11 |
| 93 | Uniaxial stress and Zeeman spectroscopy of the 3.324-eV Ge-related photoluminescence in ZnO. *Physical Review B*, **2013**, 87, | 3.3 | 5 |

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| 92 | Multiphoton excitation of surface plasmon-polaritons and scaling of nanoripple formation in large bandgap materials. *Optical Materials Express*, **2013**, 3, 1705 | 2.6 | 52 |
| 91 | Structural, optical and magnetic properties of Ni-doped ZnO micro-rods grown by the spray pyrolysis method. *Chemical Physics Letters*, **2012**, 525-526, 72-76 | 2.5 | 58 |
| 90 | Low temperature growth technique for nanocrystalline cuprous oxide thin films using microwave plasma oxidation of copper. *Materials Letters*, **2012**, 71, 160-163 | 3.3 | 11 |
| 89 | Structural, optical and magnetic properties of Zn1 □xMnxO micro-rod arrays synthesized by spray pyrolysis method. *Thin Solid Films*, **2012**, 520, 5172-5178 | 2.2 | 30 |
| 88 | Observation of epitaxially ordered twinned zinc aluminate □nanobladeson c-sapphire. *Journal of Materials Science: Materials in Electronics*, **2012**, 23, 758-765 | 2.1 | |
| 87 | Unambiguous identification of the role of a single Cu atom in the ZnO structured green band. *Journal of Physics Condensed Matter*, **2012**, 24, 215802 | 1.8 | 20 |
| 86 | Length versus Radius Relationship for ZnO Nanowires Grown via Vapor Phase Transport. *Crystal Growth and Design*, **2012**, 12, 5972-5979 | 3.5 | 11 |
| 85 | Effects of Cu diffusion-doping on structural, optical, and magnetic properties of ZnO nanorod arrays grown by vapor phase transport method. *Journal of Applied Physics*, **2012**, 111, 013903 | 2.5 | 23 |
| 84 | Study of exciton-polariton modes in nanocrystalline thin films of CuCl using reflectance spectroscopy. *Journal of Applied Physics*, **2012**, 112, 033505 | 2.5 | 5 |
| 83 | Field emission in ordered arrays of ZnO nanowires prepared by nanosphere lithography and extended Fowler-Nordheim analyses. *Journal of Applied Physics*, **2011**, 110, 124324 | 2.5 | 15 |
| 82 | Structural, optical and magnetic properties of Cr doped ZnO microrods prepared by spray pyrolysis method. *Applied Surface Science*, **2011**, 257, 9293-9298 | 6.7 | 79 |
| 81 | A catalyst-free and facile route to periodically ordered and c-axis aligned ZnO nanorod arrays on diverse substrates. *Nanoscale*, **2011**, 3, 1675-82 | 7.7 | 23 |
| 80 | Study of Morphological and Related Properties of Aligned Zinc Oxide Nanorods Grown by Vapor Phase Transport on Chemical Bath Deposited Buffer Layers. *Crystal Growth and Design*, **2011**, 11, 5378-5386 | 3.5 | 28 |
| 79 | Theoretical Analysis of Nucleation and Growth of ZnO Nanostructures in Vapor Phase Transport Growth. *Crystal Growth and Design*, **2011**, 11, 4581-4587 | 3.5 | 12 |
| 78 | Control of ZnO nanowire arrays by nanosphere lithography (NSL) on laser-produced ZnO substrates. *Applied Surface Science*, **2011**, 257, 5159-5162 | 6.7 | 10 |
| 77 | Effects of the crystallite mosaic spread on integrated peak intensities in 2□measurements of highly crystallographically textured ZnO thin films. *Journal Physics D: Applied Physics*, **2011**, 44, 375401 | 3 | 10 |
| 76 | Evidence for As lattice location and Ge bound exciton luminescence in ZnO implanted with As73 and Ge73. *Physical Review B*, **2011**, 83, | 3.3 | 6 |
| 75 | Microscopic origins of the surface exciton photoluminescence peak in ZnO nanostructures. *Physical Review B*, **2011**, 83, | 3.3 | 27 |

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| 74 | Multiphoton-absorption induced ultraviolet luminescence of ZnO nanorods using low-energy femtosecond pulses. *Journal of Applied Physics*, **2010**, 108, 043107 | 2.5 | 20 |
| 73 | A Study of Drop-Coated and Chemical Bath-Deposited Buffer Layers for Vapor Phase Deposition of Large Area, Aligned, Zinc Oxide Nanorod Arrays. *Crystal Growth and Design*, **2010**, 10, 2400-2408 | 3.5 | 33 |
| 72 | A novel, substrate independent three-step process for the growth of uniform ZnO nanorod arrays. *Thin Solid Films*, **2010**, 518, 4489-4492 | 2.2 | 26 |
| 71 | Thermodynamic aspects of the gas atmosphere and growth mechanism in carbothermal vapour phase transport synthesis of ZnO nanostructures. *Thin Solid Films*, **2010**, 518, 4578-4581 | 2.2 | 8 |
| 70 | Carbothermal reduction vapor phase transport growth of ZnO nanostructures: Effects of various carbon sources. *Journal of Applied Physics*, **2009**, 105, 094306 | 2.5 | 29 |
| 69 | ZnO films grown by pulsed-laser deposition on soda lime glass substrates for the ultraviolet inactivation of biofilms. *Science and Technology of Advanced Materials*, **2009**, 10, 045003 | 7.1 | 28 |
| 68 | Spatial inhomogeneity of donor bound exciton emission from ZnO nanostructures grown on Si. *Nanotechnology*, **2009**, 20, 255703 | 3.4 | 4 |
| 67 | Growth and field emission properties of ZnO nanostructures deposited by a novel pulsed laser ablation source on silicon substrates. *Ultramicroscopy*, **2009**, 109, 399-402 | 3.1 | 5 |
| 66 | Optical properties of undoped and oxygen doped CuCl films on silicon substrates. *Journal of Materials Science: Materials in Electronics*, **2009**, 20, 76-80 | 2.1 | 7 |
| 65 | UV emission on a Si substrate: Optical and structural properties of □CuCl on Si grown using liquid phase epitaxy techniques. *Physica Status Solidi (A) Applications and Materials Science*, **2009**, 206, 923-926 | 1.6 | 4 |
| 64 | Carbothermal reduction growth of ZnO nanostructures on sapphire□omparisons between graphite and activated charcoal powders. *Microelectronics Journal*, **2009**, 40, 259-261 | 1.8 | 11 |
| 63 | A note on linking electrical current, magnetic fields, charges and the pole in a barn paradox in special relativity. *European Journal of Physics*, **2008**, 29, N63-N67 | 0.8 | 1 |
| 62 | Growth of ZnO nanostructures on Au-coated Si: Influence of growth temperature on growth mechanism and morphology. *Journal of Applied Physics*, **2008**, 104, 084309 | 2.5 | 28 |
| 61 | Growth and characterisation of epitaxially ordered zinc aluminate domains on c-sapphire. *Thin Solid Films*, **2008**, 516, 1725-1735 | 2.2 | 5 |
| 60 | ZnO nanostructured thin films grown by pulsed laser deposition in mixed O2 / Ar background gas. *Superlattices and Microstructures*, **2007**, 42, 468-472 | 2.8 | 13 |
| 59 | Morphological control of ZnO nanostructures on silicon substrates. *Superlattices and Microstructures*, **2007**, 42, 337-342 | 2.8 | 7 |
| 58 | Characterization of nitrogen-doped ZnO thin films grown by plasma-assisted pulsed laser deposition on sapphire substrates. *Superlattices and Microstructures*, **2007**, 42, 21-25 | 2.8 | 19 |
| 57 | Self-organized ZnAl2O4 nanostructures grown on -sapphire. *Superlattices and Microstructures*, **2007** , 42, 327-332 | 2.8 | 3 |

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| 56 | Electrical characterisation of phosphorus-doped ZnO thin films grown by pulsed laser deposition. *Superlattices and Microstructures*, **2007**, 42, 74-78 | 2.8 | 11 |
| 55 | Control of ZnO nanorod array density by Zn supersaturation variation and effects on field emission. *Nanotechnology*, **2007**, 18, 215704 | 3.4 | 47 |
| 54 | Splitting of point defect energy levels in wurtzite crystals under uniaxial stresses applied along arbitrary directions. *Physical Review B*, **2007**, 76, | 3.3 | 6 |
| 53 | Morphological control of ZnO nanostructures grown on silicon **2007**, 6474, 238 | | |
| 52 | P-type nitrogen- and phosphorus-doped ZnO thin films grown by pulsed laser deposition on sapphire substrates **2007**, | | 2 |
| 51 | Introducing gyroscopes quantitatively without putting students into a spin. *European Journal of Physics*, **2007**, 28, 479-486 | 0.8 | 1 |
| 50 | Nitrogen doping of ZnO thin films grown by plasma-assisted pulsed-laser deposition. *Journal of Physics: Conference Series*, **2007**, 59, 505-509 | 0.3 | 4 |
| 49 | (20$\bar{2}$3) ZnO thin films grown by pulsed laser deposition on CeO2-buffered r-sapphire substrate. *Journal of Applied Physics*, **2007**, 101, 013509 | 2.5 | 34 |
| 48 | Growth of crystalline ZnO nanostructures using pulsed laser deposition. *Superlattices and Microstructures*, **2006**, 39, 153-161 | 2.8 | 9 |
| 47 | p-type conduction above room temperature in nitrogen-doped ZnO thin film grown by plasma-assisted pulsed laser deposition. *Electronics Letters*, **2006**, 42, 1181 | 1.1 | 3 |
| 46 | Identification of donor-related impurities in ZnO using photoluminescence and radiotracer techniques. *Physical Review B*, **2006**, 73, | 3.3 | 52 |
| 45 | Comment on "Thermodynamic derivations of the mechanical equilibrium conditions for fluid surfaces: Young's and Laplace's equations," by P. Roura [Am. J. Phys. 73 (12), 1139–1147 (2005)]. *American Journal of Physics*, **2006**, 74, 937-938 | 0.7 | 2 |
| 44 | Effects of excitonic diffusion on stimulated emission in nanocrystalline ZnO. *Applied Physics Letters*, **2006**, 88, 071919 | 3.4 | 18 |
| 43 | ZnO thin films grown on platinum (111) buffer layers by pulsed laser deposition. *Thin Solid Films*, **2006**, 500, 78-83 | 2.2 | 13 |
| 42 | The First EU ScienceOlympiad (EUSO): a modelfor science education. *Journal of Biological Education* , **2005**, 39, 58-62 | 0.9 | 11 |
| 41 | Study of exciton–polariton modes in nanocrystalline thin films of ZnO using reflectance spectroscopy. *Nanotechnology*, **2005**, 16, 2625-2632 | 3.4 | 8 |
| 40 | Surface excitonic emission and quenching effects in ZnO nanowire/nanowall systems: Limiting effects on device potential. *Physical Review B*, **2005**, 71, | 3.3 | 174 |
| 39 | Evaluation of the optical properties of epitaxial lateral overgrown gallium nitride on sapphire and the role of optically active metastable defects using cathodoluminescence and photoluminescence spectroscopy. *Thin Solid Films*, **2005**, 473, 308-314 | 2.2 | 7 |

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| 38 | Comparison of structural, optical and electrical properties of undoped ZnO thin films grown on r- and c- Al2O3 substrates using pulsed laser deposition. *Superlattices and Microstructures*, **2005**, 38, 256-264 | 2.8 | 10 |
| 37 | Studying the growth conditions, the alignment and structure of ZnO nanorods. *Surface and Coatings Technology*, **2005**, 200, 1093-1096 | 4.4 | 40 |
| 36 | Properties of Li-, P- and N-doped ZnO thin films prepared by pulsed laser deposition. *Superlattices and Microstructures*, **2005**, 38, 397-405 | 2.8 | 33 |
| 35 | Synthesis and photoluminescence of ZnO nanowires/nanorods. *Journal of Materials Science: Materials in Electronics*, **2005**, 16, 397-401 | 2.1 | 17 |
| 34 | Fabrication of p-type doped ZnO thin films using pulsed laser deposition. *Journal of Materials Science: Materials in Electronics*, **2005**, 16, 421-427 | 2.1 | 16 |
| 33 | Influence of C4F8/Ar/O2 plasma etching on SiO2 surface chemistry. *Journal of Materials Science: Materials in Electronics*, **2005**, 16, 541-547 | 2.1 | 10 |
| 32 | Infrared light emission from GaAs MESFETs operating at avalanche breakdown conditions. *Semiconductor Science and Technology*, **2004**, 19, S94-S95 | 1.8 | 6 |
| 31 | A new science competition for secondary school students: the First European Union Science Olympiad. *European Journal of Physics*, **2004**, 25, 23-29 | 0.8 | 4 |
| 30 | Effect of polycrystallinity on the optical properties of highly oriented ZnO grown by pulsed laser deposition. *Thin Solid Films*, **2004**, 458, 330-335 | 2.2 | 19 |
| 29 | The dominant role of adsorbed fluid layers on the polar surfaces of ZnO in ambient atmospheric conditions.. *Nanotechnology*, **2004**, 15, | 3.4 | 14 |
| 28 | Ultraviolet stimulated emission from bulk and polycrystalline ZnO thin films with varying grain sizes. *Physica B: Condensed Matter*, **2003**, 340-342, 245-249 | 2.8 | 13 |
| 27 | Exciton-polariton behaviour in bulk and polycrystalline ZnO. *Physica B: Condensed Matter*, **2003**, 340-342, 230-234 | 2.8 | 6 |
| 26 | Optical absorption of a Li-related impurity in ZnO. *Physica B: Condensed Matter*, **2003**, 340-342, 225-229 | 2.8 | 9 |
| 25 | Excitonic properties of the polar faces of bulk ZnO after wet etching. *Physica B: Condensed Matter*, **2003**, 340-342, 210-215 | 2.8 | 14 |
| 24 | Investigation of optical metastability in GaN using photoluminescence spectroscopy. *Physica B: Condensed Matter*, **2003**, 340-342, 452-456 | 2.8 | 7 |
| 23 | Correlation of Raman and X-ray diffraction measurements of annealed pulsed laser deposited ZnO thin films. *Thin Solid Films*, **2003**, 436, 273-276 | 2.2 | 44 |
| 22 | Pulsed laser deposition of manganese doped GaN thin films. *Solid-State Electronics*, **2003**, 47, 533-537 | 1.7 | 13 |
| 21 | Pulsed laser deposition of ZnO and Mn-doped ZnO thin films. *Applied Surface Science*, **2003**, 208-209, 589-593 | 6.7 | 23 |

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| 20 | Study of photoluminescence at 3.310 and 3.368 eV in GaN/sapphire(0001) and GaN/GaAs(001) grown by liquid-target pulsed-laser deposition. *Applied Physics Letters*, **2002**, 80, 3301-3303 | 3.4 | 16 |
| 19 | Photoluminescence study of GaN grown by pulsed laser deposition in nitrogen atmosphere. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2001**, 82, 128-130 | 3.1 | |
| 18 | Defect luminescence of GaN grown by pulsed laser deposition. *Journal of Crystal Growth*, **2001**, 222, 497-502 | 1.6 | 16 |
| 17 | Uniaxial stress study of the 1026□meV center in Si:Pt. *Physical Review B*, **2001**, 63, | 3.3 | 4 |
| 16 | The evolution of point defects in semiconductors studied using the decay of implanted radioactive isotopes. *Nuclear Instruments & Methods in Physics Research B*, **2001**, 178, 256-259 | 1.2 | 5 |
| 15 | RHEED studies of nucleation of Ge islands on Si(001) and optical properties of ultra-small Ge quantum dots. *Thin Solid Films*, **2000**, 369, 79-83 | 2.2 | 35 |
| 14 | Comparative study of the expansion dynamics of Ga+ ions in the laser ablation of Ga and GaN using time-resolved extreme UV absorption spectroscopy. *Applied Surface Science*, **2000**, 168, 150-153 | 6.7 | 5 |
| 13 | Photoluminescence analysis of semiconductors using radioactive isotopes **2000**, 129, 443-460 | | 12 |
| 12 | Piezo-spectroscopic induced perturbations for defects in cubic crystals under uniaxial stress applied along arbitrary low-symmetry crystal directions. *Journal of Physics Condensed Matter*, **2000**, 12, 7055-7068 | 1.8 | 1 |
| 11 | Photoluminescence spectroscopy of an Al-C complex in silicon. *Physical Review B*, **1999**, 59, 10084-10090 | 3.3 | |
| 10 | The 777meV photoluminescence band in Si:Pt. *Physica B: Condensed Matter*, **1999**, 273-274, 420-423 | 2.8 | 2 |
| 9 | Deep level anomalies in silicon doped with radioactive Au atoms. *Physica B: Condensed Matter*, **1999** , 273-274, 433-436 | 2.8 | 2 |
| 8 | Study of bound exciton excited state structure using photothermal ionisation spectroscopy. *Physica B: Condensed Matter*, **1999**, 273-274, 1011-1014 | 2.8 | |
| 7 | Cadmium□thium defects in silicon. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **1999**, 58, 159-162 | 3.1 | |
| 6 | Radioactive Isotope Identifications of Au and Pt Photoluminescence Centres in Silicon. *Physica Status Solidi (B): Basic Research*, **1998**, 210, 853-858 | 1.3 | 7 |
| 5 | Optical characterisation of thin film benzocyclobutene (BCB) based polymers. *Microelectronic Engineering*, **1997**, 33, 363-368 | 2.5 | 11 |
| 4 | A photoluminescence study of a series of closely related axial defects of monoclinic I and rhombic I symmetry in oxygen-rich, zinc-doped silicon. *Semiconductor Science and Technology*, **1996**, 11, 930-934 | 1.8 | 1 |
| 3 | The complexing of oxygen with the Group II impurities Be, Cd and Zn in silicon. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **1996**, 36, 116-119 | 3.1 | 3 |

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| 2 | Photoluminescence study of cadmium-related defects in oxygen-rich silicon. *Physical Review B*, **1996**, 54, 14494-14503 | 3.3 | 9 |
| 1 | Imaging semiconductor wafers using photoluminescence. *Optical Engineering*, **1994**, 33, 3974 | 1.1 | |