Suwan N Jayasinghe

List of Publications by Citations

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127 papers

4,065 citations

36 h-index

57 g-index

142 ext. papers

4,294 ext. citations

5.4 avg, IF

5.78 L-index

| # | Paper | IF | Citations |
|-----|--|-------|-----------|
| 127 | Cell electrospinning: a unique biotechnique for encapsulating living organisms for generating active biological microthreads/scaffolds. <i>Biomacromolecules</i> , 2006 , 7, 3364-9 | 6.9 | 398 |
| 126 | Electrohydrodynamic jet processing: an advanced electric-field-driven jetting phenomenon for processing living cells. <i>Small</i> , 2006 , 2, 216-9 | 11 | 222 |
| 125 | Cell electrospinning: a novel tool for functionalising fibres, scaffolds and membranes with living cells and other advanced materials for regenerative biology and medicine. <i>Analyst, The</i> , 2013 , 138, 2215 | 5-223 | 159 |
| 124 | In vitro assessment of the biological response to nano-sized hydroxyapatite. <i>Journal of Materials Science: Materials in Medicine</i> , 2004 , 15, 441-5 | 4.5 | 153 |
| 123 | Cell electrospinning highly concentrated cellular suspensions containing primary living organisms into cell-bearing threads and scaffolds. <i>Nanomedicine</i> , 2007 , 2, 555-67 | 5.6 | 114 |
| 122 | Effect of viscosity on the size of relics produced by electrostatic atomization. <i>Journal of Aerosol Science</i> , 2002 , 33, 1379-1388 | 4.3 | 101 |
| 121 | Stable electric-field driven cone-jetting of concentrated biosuspensions. <i>Lab on A Chip</i> , 2006 , 6, 1086-90 | 07.2 | 88 |
| 120 | The role of surface wettability and surface charge of electrosprayed nanoapatites on the behaviour of osteoblasts. <i>Acta Biomaterialia</i> , 2010 , 6, 750-5 | 10.8 | 75 |
| 119 | Controlled Generation of Microspheres Incorporating Extracellular Matrix Fibrils for Three-Dimensional Cell Culture. <i>Advanced Functional Materials</i> , 2014 , 24, 2648-2657 | 15.6 | 74 |
| 118 | The Extracellular Matrix Regulates Granuloma Necrosis in Tuberculosis. <i>Journal of Infectious Diseases</i> , 2015 , 212, 463-73 | 7 | 74 |
| 117 | Electric field driven jetting: an emerging approach for processing living cells. <i>Biotechnology Journal</i> , 2006 , 1, 86-94 | 5.6 | 70 |
| 116 | Cell electrospinning: an in vitro and in vivo study. Small, 2014, 10, 78-82 | 11 | 68 |
| 115 | A novel ceramic printing technique based on electrostatic atomization of a suspension. <i>Materials Research Innovations</i> , 2002 , 6, 92-95 | 1.9 | 65 |
| 114 | The role of electrosprayed apatite nanocrystals in guiding osteoblast behaviour. <i>Biomaterials</i> , 2008 , 29, 1833-43 | 15.6 | 64 |
| 113 | Electrohydrodynamic jetting of mouse neuronal cells. <i>Biochemical Journal</i> , 2006 , 394, 375-8 | 3.8 | 58 |
| 112 | Controlled deposition of nanoparticle clusters by electrohydrodynamic atomization. <i>Nanotechnology</i> , 2004 , 15, 1519-1523 | 3.4 | 56 |
| 111 | Novel deposition of nano-sized silicon substituted hydroxyapatite by electrostatic spraying. <i>Journal of Materials Science: Materials in Medicine</i> , 2005 , 16, 1137-42 | 4.5 | 55 |

(2005-2004)

| 110 | Electrostatic atomisation of a ceramic suspension. <i>Journal of the European Ceramic Society</i> , 2004 , 24, 2203-2213 | 6 | 52 | |
|-----|---|---------------|----|--|
| 109 | Instrument for electrohydrodynamic print-patterning three-dimensional complex structures. <i>Review of Scientific Instruments</i> , 2005 , 76, 075105 | 1.7 | 48 | |
| 108 | Bio-electrosprays: from bio-analytics to a generic tool for the health sciences. <i>Analyst, The</i> , 2011 , 136, 878-90 | 5 | 45 | |
| 107 | Bio-electrospraying embryonic stem cells: interrogating cellular viability and pluripotency. <i>Integrative Biology (United Kingdom)</i> , 2009 , 1, 260-6 | 3.7 | 45 | |
| 106 | Self-assembled nanostructures via electrospraying. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2006 , 33, 398-406 | 3 | 45 | |
| 105 | Electrohydrodynamic atomization of protein (bovine serum albumin). <i>Journal of Materials Science: Materials in Medicine</i> , 2005 , 16, 919-25 | 4.5 | 44 | |
| 104 | Cell electrospinning cardiac patches for tissue engineering the heart. <i>Analyst, The</i> , 2014 , 139, 4449-52 | 5 | 43 | |
| 103 | A Novel Method of Forming Open Cell Ceramic Foam. <i>Journal of Porous Materials</i> , 2002 , 9, 265-273 | 2.4 | 43 | |
| 102 | Bio-electrospraying and droplet-based microfluidics: control of cell numbers within living residues. <i>Biomedical Materials (Bristol)</i> , 2010 , 5, 21001 | 3.5 | 41 | |
| 101 | A novel process for simulataneous printing of multiple tracks from concentrated suspensions. <i>Materials Research Innovations</i> , 2003 , 7, 62-64 | 1.9 | 41 | |
| 100 | Dissection of the host-pathogen interaction in human tuberculosis using a bioengineered 3-dimensional model. <i>ELife</i> , 2017 , 6, | 8.9 | 41 | |
| 99 | Combining bio-electrospraying with gene therapy: a novel biotechnique for the delivery of genetic material via living cells. <i>Analyst, The</i> , 2010 , 135, 1042-9 | 5 | 40 | |
| 98 | A novel direct aerodynamically assisted threading methodology for generating biologically viable microthreads encapsulating living primary cells. <i>Journal of Applied Polymer Science</i> , 2008 , 107, 1215-122 | 2 5 .9 | 40 | |
| 97 | Anti-PD-1 immunotherapy leads to tuberculosis reactivation via dysregulation of TNF- \Box <i>ELife</i> , 2020 , 9, | 8.9 | 39 | |
| 96 | Aerodynamically assisted bio-jets: the development of a novel and direct non-electric field-driven methodology for engineering living organisms. <i>Biomedical Materials (Bristol)</i> , 2007 , 2, 158-68 | 3.5 | 38 | |
| 95 | Bio-electrosprays: the next generation of electrified jets. <i>Biotechnology Journal</i> , 2006 , 1, 1018-22 | 5.6 | 38 | |
| 94 | Electrospraying of a nano-hydroxyapatite suspension. <i>Journal of Materials Science</i> , 2004 , 39, 1029-1032 | 4.3 | 38 | |
| 93 | High resolution print-patterning of a nano-suspension. <i>Journal of Nanoparticle Research</i> , 2005 , 7, 301-30 | 0 6 .3 | 38 | |

| 92 | The differentiation and engraftment potential of mouse hematopoietic stem cells is maintained after bio-electrospray. <i>Analyst, The</i> , 2010 , 135, 157-64 | 5 | 37 |
|----|--|------|----|
| 91 | Bio-electrospraying and cell electrospinning: progress and opportunities for basic biology and clinical sciences. <i>Advanced Healthcare Materials</i> , 2012 , 1, 27-34 | 10.1 | 34 |
| 90 | Bio-electrosprayed multicellular zebrafish embryos are viable and develop normally. <i>Biomedical Materials (Bristol)</i> , 2008 , 3, 011001 | 3.5 | 34 |
| 89 | Influence of nanohydroxyapatite patterns deposited by electrohydrodynamic spraying on osteoblast response. <i>Journal of Biomedical Materials Research - Part A</i> , 2008 , 85, 188-94 | 5.4 | 32 |
| 88 | Bio-protocols for directly forming active encapsulations containing living primary cells. <i>Soft Matter</i> , 2008 , 4, 1219-1229 | 3.6 | 31 |
| 87 | Living scaffolds (specialized and unspecialized) for regenerative and therapeutic medicine. <i>Biomacromolecules</i> , 2008 , 9, 759-66 | 6.9 | 31 |
| 86 | Bio-electrosprays: a novel electrified jetting methodology for the safe handling and deployment of primary living organisms. <i>Biotechnology Journal</i> , 2007 , 2, 622-30 | 5.6 | 31 |
| 85 | Deposition of nano-hydroxyapatite particles utilising direct and transitional electrohydrodynamic processes. <i>Journal of Materials Science: Materials in Medicine</i> , 2008 , 19, 3093-104 | 4.5 | 31 |
| 84 | Electrically forced jets and microthreads of high viscosity dielectric liquids. <i>Journal of Aerosol Science</i> , 2004 , 35, 233-243 | 4.3 | 31 |
| 83 | Cardiac tissue engineering: renewing the arsenal for the battle against heart disease. <i>Integrative Biology (United Kingdom)</i> , 2014 , 6, 111-26 | 3.7 | 30 |
| 82 | Bio-electrosprayed living composite matrix implanted into mouse models. <i>Macromolecular Bioscience</i> , 2011 , 11, 1364-9 | 5.5 | 30 |
| 81 | Electrohydrodynamic atomization: an approach to growing continuous self-supporting polymeric fibers. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 2522-8 | 3.4 | 30 |
| 80 | Electrohydrodynamic Print-Patterning of Nano-Hydroxyapatite. <i>Journal of Biomedical Nanotechnology</i> , 2006 , 2, 201-207 | 4 | 29 |
| 79 | Electric-field driven jetting from dielectric liquids. <i>Applied Physics Letters</i> , 2004 , 85, 4243-4245 | 3.4 | 25 |
| 78 | Electrostatic atomization of a ceramic suspension at pico-flow rates. <i>Applied Physics A: Materials Science and Processing</i> , 2005 , 80, 399-404 | 2.6 | 25 |
| 77 | Bio-electrospraying the nematode Caenorhabditis elegans: studying whole-genome transcriptional responses and key life cycle parameters. <i>Journal of the Royal Society Interface</i> , 2010 , 7, 595-601 | 4.1 | 24 |
| 76 | Integration of scaffolds into full-thickness skin wounds: the connexin response. <i>Advanced Healthcare Materials</i> , 2013 , 2, 1151-60 | 10.1 | 23 |
| 75 | Bio-electrospraying whole human blood: analysing cellular viability at a molecular level. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2009 , 3, 562-6 | 4.4 | 23 |

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| 74 | A Novel Technique for Forming Self-Assembled Nanotube Structures. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2006 , 14, 67-81 | 1.8 | 23 |
|----|--|------|----|
| 73 | Solid Freeform Fabrication of Thin-Walled Ceramic Structures Using an Electrohydrodynamic Jet. <i>Journal of the American Ceramic Society</i> , 2006 , 89, 1727-1729 | 3.8 | 23 |
| 72 | Sustained Release of Cx43 Antisense Oligodeoxynucleotides from Coated Collagen Scaffolds Promotes Wound Healing. <i>Advanced Healthcare Materials</i> , 2016 , 5, 1786-99 | 10.1 | 23 |
| 71 | Bio-electrospraying primary cardiac cells: in vitro tissue creation and functional study. <i>Biotechnology Journal</i> , 2011 , 6, 86-95 | 5.6 | 22 |
| 70 | Direct jetting approaches for handling stem cells. <i>Biomedical Materials (Bristol)</i> , 2009 , 4, 015018 | 3.5 | 22 |
| 69 | Development of a direct three-dimensional biomicrofabrication concept based on electrospraying a custom made siloxane sol. <i>Biomicrofluidics</i> , 2007 , 1, 34103 | 3.2 | 22 |
| 68 | Bio-electrospraying living Xenopus tropicalis embryos: investigating the structural, functional and biological integrity of a model organism. <i>Analyst, The</i> , 2009 , 134, 743-7 | 5 | 21 |
| 67 | Pressure-assisted cell spinning: a direct protocol for spinning biologically viable cell-bearing fibres and scaffolds. <i>Biomedical Materials (Bristol)</i> , 2007 , 2, 211-9 | 3.5 | 21 |
| 66 | Development and fertility studies on post-bio-electrosprayed Drosophila melanogaster embryos. <i>Biomicrofluidics</i> , 2009 , 3, 44107 | 3.2 | 20 |
| 65 | A novel direct fibre generation technique for preparing functionalized and compound scaffolds and membranes for applications within the life sciences. <i>Biomedical Materials (Bristol)</i> , 2007 , 2, 189-95 | 3.5 | 20 |
| 64 | In vitro and in vivo interrogation of bio-sprayed cells. <i>Small</i> , 2012 , 8, 2495-500 | 11 | 19 |
| 63 | Pilot study to investigate the possibility of cytogenetic and physiological changes in bio-electrosprayed human lymphocyte cells. <i>Regenerative Medicine</i> , 2008 , 3, 343-9 | 2.5 | 19 |
| 62 | Aerodynamically assisted jet processing of viscous single- and multi-phase media. <i>Soft Matter</i> , 2007 , 3, 605-612 | 3.6 | 19 |
| 61 | Platform Technologies for Directly Reconstructing 3D Living Biomaterials. <i>Advanced Materials</i> , 2015 , 27, 7794-9 | 24 | 18 |
| 60 | Molecular characterisation of post-bio-electrosprayed human brain astrocytoma cells. <i>Analyst, The</i> , 2010 , 135, 2600-12 | 5 | 18 |
| 59 | Genetic, genomic and physiological state studies on single-needle bio-electrosprayed human cells. <i>Analyst, The</i> , 2008 , 133, 1347-51 | 5 | 18 |
| 58 | Coaxial Aerodynamically Assisted Bio-jets: A Versatile Paradigm for Directly Engineering Living Primary Organisms. <i>Engineering in Life Sciences</i> , 2007 , 7, 599-610 | 3.4 | 18 |
| 57 | Flow behaviour of dielectric liquids in an electric field. <i>Journal of Fluid Mechanics</i> , 2006 , 558, 103 | 3.7 | 18 |

| 56 | Bio-electrospraying and aerodynamically assisted bio-jetting the model eukaryotic Dictyostelium discoideum: assessing stress and developmental competency post treatment. <i>Journal of the Royal Society Interface</i> , 2011 , 8, 1185-91 | 4.1 | 17 |
|----|--|---------------|----|
| 55 | Bio-electrosprays: the development of a promising tool for regenerative and therapeutic medicine. <i>Biotechnology Journal</i> , 2007 , 2, 934-7 | 5.6 | 17 |
| 54 | Aspirin particle formation by electric-field-assisted release of droplets. <i>Chemical Engineering Science</i> , 2006 , 61, 3091-3097 | 4.4 | 17 |
| 53 | Relic and droplet sizes produced by electrostatic atomisation of ceramic suspensions. <i>Applied Physics A: Materials Science and Processing</i> , 2004 , 78, 343-347 | 2.6 | 17 |
| 52 | Jet break-up in nano-suspensions during electrohydrodynamic atomization in the stable cone-jet mode. <i>Journal of Nanoscience and Nanotechnology</i> , 2005 , 5, 923-6 | 1.3 | 16 |
| 51 | Electrospraying: an in-situ polymerisation route for fabricating high macroporous scaffolds. <i>Journal of Sol-Gel Science and Technology</i> , 2006 , 38, 293-302 | 2.3 | 16 |
| 50 | Pressure driven spinning: A multifaceted approach for preparing nanoscaled functionalized fibers, scaffolds, and membranes with advanced materials. <i>Biomicrofluidics</i> , 2010 , 4, 14106 | 3.2 | 15 |
| 49 | Coaxial electrohydrodynamic direct writing of nano-suspensions. <i>Journal of Nanoparticle Research</i> , 2007 , 9, 825-831 | 2.3 | 15 |
| 48 | Gene expression studies on bio-electrosprayed primary cardiac myocytes. <i>Biotechnology Journal</i> , 2008 , 3, 530-5 | 5.6 | 15 |
| 47 | Preparation of lead zirconate titanate nano-powder by electrohydrodynamic atomization. <i>Applied Physics A: Materials Science and Processing</i> , 2005 , 80, 723-725 | 2.6 | 15 |
| 46 | A hybrid bio-jetting approach for directly engineering living cells. <i>Biomedical Materials (Bristol)</i> , 2008 , 3, 025008 | 3.5 | 14 |
| 45 | An advanced jet-based approach to processing nanotubes. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2006 , 31, 17-26 | 3 | 14 |
| 44 | Bio-electrospraying and aerodynamically assisted bio-jetting whole human blood: Interrogating cell surface marker integrity. <i>Biomicrofluidics</i> , 2010 , 4, 11101 | 3.2 | 13 |
| 43 | Aerodynamically assisted jetting and threading for processing concentrated suspensions containing advanced structural, functional and biological materials. <i>Biotechnology Journal</i> , 2009 , 4, 64-7 | 72 5.6 | 13 |
| 42 | Advanced jet protocols for directly engineering living cells: a genesis to alternative biohandling approaches for the life sciences. <i>Regenerative Medicine</i> , 2008 , 3, 49-61 | 2.5 | 13 |
| 41 | Genomic, genetic and physiological effects of bio-electrospraying on live cells of the model yeast Saccharomyces cerevisiae. <i>Biomedical Materials (Bristol)</i> , 2008 , 3, 034125 | 3.5 | 13 |
| 40 | Unique aerodynamically driven methodology for forming droplets, threads to scaffolds. <i>Journal of Applied Polymer Science</i> , 2007 , 104, 3844-3848 | 2.9 | 13 |
| 39 | Pressure-Assisted Spinning: A Versatile and Economical, Direct Fibre to Scaffold Spinning Methodology. <i>Macromolecular Rapid Communications</i> , 2007 , 28, 1491-1496 | 4.8 | 13 |

(2008-2007)

| 38 | Direct writing of lead zirconate titanate piezoelectric structures by electrohydrodynamic atomisation. <i>Journal of Electroceramics</i> , 2007 , 19, 287-293 | 1.5 | 13 |
|----|--|-----------------|----|
| 37 | Thoughts on Scaffolds. <i>Advanced Biology</i> , 2017 , 1, e1700067 | 3.5 | 12 |
| 36 | Nanofabrication by Electrohydrodynamic Jetting of a Tailor-Made Living Siloxane Sol. <i>Macromolecular Chemistry and Physics</i> , 2007 , 208, 2032-2038 | 2.6 | 12 |
| 35 | Electrically forced microthreading of highly viscous dielectric liquids. <i>Journal of Electrostatics</i> , 2006 , 64, 355-360 | 1.7 | 12 |
| 34 | General Computational Methodology for Modeling Electrohydrodynamic Flows: Prediction and Optimization Capability for the Generation of Bubbles and Fibers. <i>Langmuir</i> , 2019 , 35, 10203-10212 | 4 | 11 |
| 33 | Biojets in regenerative biology & medicine. <i>Materials Today</i> , 2011 , 14, 202-211 | 21.8 | 11 |
| 32 | Electrospinning nanosuspensions loaded with passivated Au nanoparticles. <i>Tetrahedron</i> , 2008 , 64, 8476 | - <u>8:4</u> 83 | 11 |
| 31 | Submerged electrosprays: a versatile approach for microencapsulation. <i>Journal of Microencapsulation</i> , 2007 , 24, 430-44 | 3.4 | 11 |
| 30 | Coaxial Electrohydrodynamic Atomization of Ceramic Suspensions. <i>International Journal of Applied Ceramic Technology</i> , 2006 , 3, 55-60 | 2 | 11 |
| 29 | Encapsulation of angiogenic monocytes using bio-spraying technology. <i>Integrative Biology (United Kingdom)</i> , 2012 , 4, 628-32 | 3.7 | 10 |
| 28 | Versatile methodology for generating size-controlled composite micrometer beads capsulating nanomaterials. <i>Micro and Nano Letters</i> , 2007 , 2, 30 | 0.9 | 10 |
| 27 | PRESSURE-ASSISTED SPINNING: A UNIQUE AND VERSATILE APPROACH FOR DIRECTLY FABRICATING MEMBRANES WITH MICRO- AND NANOFIBERS. <i>Nano</i> , 2007 , 02, 213-219 | 1.1 | 10 |
| 26 | Encapsulation of macrophages enhances their retention and angiogenic potential. <i>Npj Regenerative Medicine</i> , 2019 , 4, 6 | 15.8 | 9 |
| 25 | Aerodynamically assisted bio-jetting of hematopoietic stem cells. <i>Analyst, The</i> , 2012 , 137, 1329-33 | 5 | 9 |
| 24 | Electrostatic atomization of chitosan. <i>Journal of Materials Science Letters</i> , 2003 , 22, 1443-1445 | | 8 |
| 23 | Novel forming of single and multiple ceramic micro-channels. <i>Applied Physics A: Materials Science and Processing</i> , 2005 , 80, 701-702 | 2.6 | 8 |
| 22 | Biosprayed spleen cells integrate and function in mouse models. <i>Analyst, The</i> , 2011 , 136, 3434-7 | 5 | 6 |
| 21 | Cell engineering: spearheading the next generation in healthcare. <i>Biomedical Materials (Bristol)</i> , 2008 , 3, 034004 | 3.5 | 6 |

| 20 | Aerodynamically Assisted Jets: A Paradigm for Directly Microbubbling and Microfoaming Combinations of Advanced Materials. <i>Advanced Materials</i> , 2008 , 20, 4419-4422 | 24 | 6 |
|----|--|-------|---|
| 19 | Preparation of collagen films by electrostatic atomization. <i>Journal of Materials Science Letters</i> , 2003 , 22, 1617-1619 | | 6 |
| 18 | Electrospray self-assembly: An emerging jet-based route for directly forming nanoscaled structures. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2008 , 40, 2911-2915 | 3 | 5 |
| 17 | A versatile pressure assisted jet-fabrication by coating approach for forming biocompatible constructs for tissue engineering. <i>Materials Letters</i> , 2008 , 62, 2574-2577 | 3.3 | 4 |
| 16 | Do Surface Defects and Modification Determine the Observed Toxicity of Carbon Nanotubes?. <i>Journal of Biomedical Nanotechnology</i> , 2008 , 4, 515-523 | 4 | 4 |
| 15 | Obtaining fine droplet relics by electrostatic atomization of viscous liquids. <i>Journal of Materials Science Letters</i> , 2002 , 21, 371-373 | | 4 |
| 14 | Bio-electrosprayed human sperm remain viable. <i>Materials Today</i> , 2019 , 31, 21-30 | 21.8 | 3 |
| 13 | Regenerative Medicine: Bio-electrospraying and Cell Electrospinning: Progress and Opportunities for Basic Biology and Clinical Sciences (Adv. Healthcare Mater. 1/2012). <i>Advanced Healthcare Materials</i> , 2012 , 1, 26-26 | 10.1 | 3 |
| 12 | Preface to Special Topic: Biological microfluidics in tissue engineering and regenerative medicine. <i>Biomicrofluidics</i> , 2011 , 5, 13301 | 3.2 | 3 |
| 11 | Biosprays: from the biomedical to the clinical sciences. <i>Cell Cycle</i> , 2011 , 10, 4184-6 | 4.7 | 3 |
| 10 | Aerodynamically assisted jetting: a rapidly emerging microfabrication methodology. <i>Micro and Nano Letters</i> , 2007 , 2, 78 | 0.9 | 3 |
| 9 | A unique physical-chemistry approach for fabricating cell friendly surfaces. <i>Biotechnology Journal</i> , 2008 , 3, 124-8 | 5.6 | 3 |
| 8 | Targeting Cx26 Expression by Sustained Release of Cx26 Antisense from Scaffolds Reduces Inflammation and Improves Wound Healing. <i>Advanced Biology</i> , 2018 , 2, 1800227 | 3.5 | 3 |
| 7 | Reimagining Flow Cytometric Cell Sorting. <i>Advanced Biology</i> , 2020 , 4, e2000019 | 3.5 | 2 |
| 6 | Bio-electrosprayed human neural stem cells are viable and maintain their differentiation potential. <i>F1000Research</i> , 2020 , 9, 267 | 3.6 | 2 |
| 5 | Bio-electrosprayed human neural stem cells are viable and maintain their differentiation potential. <i>F1000Research</i> , 2020 , 9, 267 | 3.6 | 2 |
| 4 | Characterisation of electrospun PS/PU polymer blend fibre mat for oil sorption. <i>Polymer</i> , 2021 , 212, 12 | 33,29 | 2 |
| 3 | Direct cell engineering reaches the jet age. <i>Materials Today</i> , 2007 , 10, 60 | 21.8 | 1 |

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Bio-electrosprays and Aerodynamically Assisted Bio-jets, Flow Cytometry Concepts for Interrogating Living Cells and Whole Organisms. *Materials Research Society Symposia Proceedings*, **2009**, 1239, 1