

Weber, Alexander et al. "Nano-structured optical fibers made of glass-ceramics, and phase separated and metallic particle-containing glasses". *Fibers*. 2019. 7(12). <https://doi.org/10.3390/fib7120105>

Nymark, Penny et al. "Toward Rigorous Materials Production: New Approach Methodologies Have Extensive Potential to Improve Current Safety Assessment Practices". *Small*. 2020. 16(6). <https://doi.org/10.1002/sml.201904749>

Kroon, Mart et al. *A COMPARATIVE IN VITRO STUDY OF CELL GROWTH ON TEXTILE SCAFFOLDS FOR TISSUE ENGINEERING APPLICATIONS*. 2018.

Pammo, Arno et al. *Biomaterials for Electronics*. 2016. 1 s.

Kroon, Mart et al. *Cell response to round and star-shaped polylactide fibers*. 2018.

Virtanen, Juhani ja Sampo Tuukkanen *Multi-material bio-printing facilities*. 2017. 1 s.

Aydogan, Dogu Baran et al. "Analysis of biomaterial scaffold fiber thickness for assessing cell attachment". *24th European Conference on Biomaterials - Annual Conference of the European Society for Biomaterials, ESB 2011*. 2011.

Ukkonen, Leena et al. "Backscattering-based wireless communication and power transfer to small biomedical implants". ja Gray, Bonnie L. Becker, Holger (toimittaneet). *Microfluidics, BioMEMS, and Medical Microsystems XVIII*. Progress in Biomedical Optics and Imaging - Proceedings of SPIE. SPIE. 2020. <https://doi.org/10.1117/12.2552183>

Ahola, Niina et al. "Composites of poly(L-lactide-co-caprolactone) and tricalcium phosphate containing antibiotics; Degradation and drug release". *24th European Conference on Biomaterials - Annual Conference of the European Society for Biomaterials, ESB 2011*. 2011.

Paakinaho, K. et al. "Effect of lactide monomer on the hydrolytic degradation and performance of melt processed poly(lactide-coglycolide) 85L/15G". *24th European Conference on Biomaterials - Annual Conference of the European Society for Biomaterials, ESB 2011*. 2011.

Cetina-Diaz, S. M. et al. "HA composites of segmented polyurethanes prepared with glutamine or ascorbic acid as chain extenders for bone tissue regeneration". *24th European Conference on Biomaterials - Annual Conference of the European Society for Biomaterials, ESB 2011*. 2011.

Lahti, Johanna et al. "Improved properties for packaging materials by nanoscale surface modification and ALD barrier coating". *TAPPI International Conference on Nanotechnology for Renewable Materials 2016*. TAPPI Press. 2016, 684-706.

Leroy, Henri Arthur et al. "Interstitial photodynamic therapy and glioblastoma: Light fractionation study on a preclinical model: Preliminary results". *Optical Techniques in Neurosurgery, Neurophotonics, and Optogenetics II*. SPIE. 2015. <https://doi.org/10.1117/12.2079347>

Wirdatmadja, Stefanus et al. "Light propagation analysis in nervous tissue for wireless optogenetic nanonetworks". *Optogenetics and Optical Manipulation 2018*. SPIE. 2018. <https://doi.org/10.1117/12.2288786>

Vimieiro, Rodrigo B. et al. "Noise measurements from reconstructed digital breast tomosynthesis"., Schmidt, Taly Gilat Chen, Guang-Hong Bosmans, Hilde (toimittaneet). *Medical Imaging 2019: Physics of Medical Imaging*. Progress in Biomedical Optics and Imaging - Proceedings of SPIE. SPIE, IEEE. 2019. <https://doi.org/10.1117/12.2512977>

Käpylä, Elli et al. "Picosecond laser-induced polymerization of highly porous microscaffolds". *24th European Conference on Biomaterials - Annual Conference of the European Society for Biomaterials, ESB 2011*. 2011.

Borges, Lucas R. et al. "Pipeline for effective denoising of digital mammography and digital breast tomosynthesis". *Medical Imaging 2017: Physics of Medical Imaging*. Progress in biomedical optics and imaging. SPIE. 2017. <https://doi.org/10.1117/12.2255058>

Lahtinen, K. et al. "Roll-to-roll atomic layer deposition for flexible substrates". *TAPPI International Conference on Nanotechnology 2013*. TAPPI Press. 2013, 726-739.

Stepien, Milena et al. "Wear resistance of nanoparticle coatings on paperboard". *TAPPI International Conference on Nanotechnology 2013*. TAPPI Press. 2013, 821-829.

Wang, Xiaoju et al. "3D Scaffolds of Polycaprolactone/Copper-Doped Bioactive Glass: Architecture Engineering with Additive Manufacturing and Cellular Assessments in a Coculture of Bone Marrow Stem Cells and Endothelial Cells". *ACS Biomaterials Science and Engineering*. 2019, 5(9). 4496-4510. <https://doi.org/10.1021/acsbomaterials.9b00105>

Zhang, Dawei et al. "A 3D Alzheimer's disease culture model and the induction of P21-activated kinase mediated sensing in iPSC derived neurons". *Biomaterials*. 2014, 35(5). 1420-1428. <https://doi.org/10.1016/j.biomaterials.2013.11.028>

Hyysalo, Anu et al. "Aligned Poly( $\epsilon$ -caprolactone) Nanofibers Guide the Orientation and Migration of Human Pluripotent Stem Cell-Derived Neurons, Astrocytes, and Oligodendrocyte Precursor Cells In Vitro". *MACROMOLECULAR BIOSCIENCE*. 2017. 17(7). <https://doi.org/10.1002/mabi.201600517>

Jackson, T. et al. "An architectural understanding of natural sway frequencies in trees". *Journal of the Royal Society Interface*. 2019. 16(155). <https://doi.org/10.1098/rsif.2019.0116>

Fedele, Chiara et al. "Azopolymer photopatterning for directional control of angiogenesis". *Acta Biomaterialia*. 2017, 63. 317-325. <https://doi.org/10.1016/j.actbio.2017.09.022>

Ojansivu, M. et al. "Bioactive glass induced osteogenic differentiation of human adipose stem cells is dependent on cell attachment mechanism and mitogen-activated protein kinases". *European Cells and Materials*. 2018, 35. 53-71. <https://doi.org/10.22203/eCM.v035a05>

Ojansivu, Miina et al. "Bioactive glass ions as strong enhancers of osteogenic differentiation in human adipose stem cells". *Acta Biomaterialia*. 2015, 21. 190-203. <https://doi.org/10.1016/j.actbio.2015.04.017>

Vuornos, Kaisa et al. "Bioactive glass ions for in vitro osteogenesis and microvascularization in gellan gum-collagen hydrogels". *Journal of Biomedical Materials Research - Part B Applied Biomaterials*. 2019. <https://doi.org/10.1002/jbm.b.34482>

Koivisto, Janne T. et al. "Bioamine-crosslinked gellan gum hydrogel for neural tissue engineering". *Biomedical Materials*. 2017. 12(2). <https://doi.org/10.1088/1748-605X/aa62b0>

Sorkio, Anni E. et al. "Biomimetic collagen I and IV double layer Langmuir-Schaefer films as microenvironment for human pluripotent stem cell derived retinal pigment epithelial cells". *Biomaterials*. 2015, 51. 257-269. <https://doi.org/10.1016/j.biomaterials.2015.02.005>

Halonen, H. T. et al. "Cell adhesion and culture medium dependent changes in the high frequency mechanical vibration induced proliferation, osteogenesis, and intracellular organization of human adipose stem cells". *Journal of the Mechanical Behavior of Biomedical Materials*. 2020. 101. <https://doi.org/10.1016/j.jmbbm.2019.103419>

Pitkänen, S. et al. "Characterisation and in vitro and in vivo evaluation of supercritical-CO<sub>2</sub>-foamed  $\beta$ -TCP/PLCL composites for bone applications". *European cells & materials*. 2019, 38. 35-50. <https://doi.org/10.22203/eCM.v038a04>

Rebello Calejo, Teresa et al. "Co-culture of human induced pluripotent stem cell-derived retinal pigment epithelial cells and endothelial cells on double collagen-coated honeycomb films". *Acta Biomaterialia*. 2020, 101. 327-343. <https://doi.org/10.1016/j.actbio.2019.11.002>

Vignion-Dewalle, Anne Sophie et al. "Comparison of three light doses in the photodynamic treatment of actinic keratosis using mathematical modeling". *JOURNAL OF BIOMEDICAL OPTICS*. 2015. 20(5). <https://doi.org/10.1117/1.JBO.20.5.058001>

Bansod, Naresh D. et al. "Compatibilization of natural rubber/nitrile rubber blends by sol-gel nano-silica generated by in situ method". *JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY*. 2016, 80(2). 548-559. <https://doi.org/10.1007/s10971-016-4114-0>

Praveenkumar, Ramasamy et al. "Demonstration of increased lipid accumulation potential of stigeoclonium sp., Kütz. BUM11007 under nitrogen starved regime: A new source of lipids for biodiesel production". *Journal of Biobased Materials and Bioenergy*. 2012, 6(2). 209-213. <https://doi.org/10.1166/jbmb.2012.1200>

Cuyon, Laurie et al. "Development of a new illumination procedure for photodynamic therapy of the abdominal cavity". *JOURNAL OF BIOMEDICAL OPTICS*. 2012. 17(3). <https://doi.org/10.1117/1.JBO.17.3.038001>

Turunen, Sanna et al. "Direct laser writing of microstructures for the growth guidance of human pluripotent stem cell derived neuronal cells". *Optics and Lasers in Engineering*. 2014, 55. 197-204. <https://doi.org/10.1016/j.optlaseng.2013.11.003>

Ribeiro, Clarisse et al. "Dynamic piezoelectric stimulation enhances osteogenic differentiation of human adipose stem cells". *Journal of Biomedical Materials Research. Part A*. 2015, 103(6). 2172-2175. <https://doi.org/10.1002/jbm.a.35368>

Sharma, Ramakant, Sagar Bhalerao ja Dipti Gupta. "Effect of incorporation of CdS NPs on performance of PTB7: PCBM organic solar cells". *Organic Electronics: physics, materials, applications*. 2016, 33. 274-280. <https://doi.org/10.1016/j.orgel.2016.03.030>

Faqhiri, Hamasa et al. "Effect of melt-derived bioactive glass particles on the properties of chitosan scaffolds". *JOURNAL OF FUNCTIONAL BIOMATERIALS*. 2019. 10(3). <https://doi.org/10.3390/jfb10030038>

Kapgate, Bharat P. et al. "Effect of sol-gel derived in situ silica on the morphology and mechanical behavior of natural rubber and acrylonitrile butadiene rubber blends". *JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY*. 2012, 63(3). 501-509. <https://doi.org/10.1007/s10971-012-2812-9>

Waselau, Martin et al. "Effects of bioactive glass S53P4 or beta-tricalcium phosphate and bone morphogenetic protein-2 and bone morphogenetic protein-7 on osteogenic differentiation of human adipose stem cells". *Journal of Tissue Engineering*. 2012, 3(1). 1-14. <https://doi.org/10.1177/2041731412467789>

Ahtiainen, Katja et al. "Effects of chitosan and bioactive glass modifications of knitted and rolled polylactide-based 96/4L/D scaffolds on chondrogenic differentiation of adipose stem cells". *Journal of Tissue Engineering and Regenerative Medicine*. 2015, 9(1). 55-65. <https://doi.org/10.1002/term.1614>

Parssinen, Jenita et al. "Enhancement of adhesion and promotion of osteogenic differentiation of human adipose stem cells by poled electroactive poly(vinylidene fluoride)". *Journal of Biomedical Materials Research. Part A*. 2015, 103(3). 919-928. <https://doi.org/10.1002/jbm.a.35234>

Palmroth, Alekski et al. "Evaluation of scaffold microstructure and comparison of cell seeding methods using micro-computed tomography-based tools". *Journal of the Royal Society. Interface*. 2020. 17(165). <https://doi.org/10.1098/rsif.2020.0102>

Kulju, S. et al. "Fluid flow simulations meet high-speed video: Computer vision comparison of droplet dynamics". *Journal of Colloid and Interface Science*. 2018, 522. 48-56. <https://doi.org/10.1016/j.jcis.2018.03.053>

Marqa, Mohamad Feras et al. "Focal Laser Ablation of Prostate Cancer: Numerical Simulation of Temperature and Damage Distribution". *BioMedical Engineering Online*. 2011. 10. <https://doi.org/10.1186/1475-925X-10-45>

Salonius, Eve et al. "Gas-foamed poly(lactide-co-glycolide) and poly(lactide-co-glycolide) with bioactive glass fibres demonstrate insufficient bone repair in lapine osteochondral defects". *Journal of Tissue Engineering and Regenerative Medicine*. 2019, 13(3). 406-415. <https://doi.org/10.1002/term.2801>

Priimagi, Arri et al. "Halogen bonding versus hydrogen bonding in driving self-assembly and performance of light-responsive supramolecular polymers". *Advanced Functional Materials*. 2012, 22(12). 2572-2579. <https://doi.org/10.1002/adfm.201200135>

Diban, Nazely et al. "Hollow fibers of poly(lactide-co-glycolide) and poly( $\epsilon$ -caprolactone) blends for vascular tissue engineering applications". *Acta Biomaterialia*. 2013, 9(5). 6450-6458. <https://doi.org/10.1016/j.actbio.2013.01.005>

Calejo, Maria Teresa et al. "Honeycomb porous films as permeable scaffold materials for human embryonic stem cell-derived retinal pigment epithelium". *Journal of Biomedical Materials Research. Part A*. 2016, 104(7). 1646-1656. <https://doi.org/10.1002/jbm.a.35690>

Vuornos, Kaisa et al. "Human Adipose Stem Cells Differentiated on Braided Polylactide Scaffolds is a Potential Approach for Tendon Tissue Engineering". *Tissue Engineering Part A*. 2016, 22(5-6). 513-523. <https://doi.org/10.1089/ten.tea.2015.0276>

Sarkanen, Jertta Riina et al. "Human adipose tissue extract induces angiogenesis and adipogenesis in vitro". *Tissue Engineering Part A*. 2012, 18(1-2). 17-25. <https://doi.org/10.1089/ten.tea.2010.0712>

Tomaskovic-Crook, Eva et al. "Human Neural Tissues from Neural Stem Cells Using Conductive Biogel and Printed Polymer Microelectrode Arrays for 3D Electrical Stimulation". *ADVANCED HEALTHCARE MATERIALS*. 2019. <https://doi.org/10.1002/adhm.201900425>

Zorzi, Giovanni Konat et al. "Hybrid nanoparticle design based on cationized gelatin and the polyanions dextran sulfate and chondroitin sulfate for ocular gene therapy". *MACROMOLECULAR BIOSCIENCE*. 2011, 11(7). 905-913. <https://doi.org/10.1002/mabi.201100005>

Will, Olga Maria et al. "Increased survival rate by local release of diclofenac in a murine model of recurrent oral carcinoma". *International Journal of Nanomedicine*. 2016, 11. 5311-5321. <https://doi.org/10.2147/IJN.S109199>

Moilanen, Carolina et al. "Influence of strain rate, temperature and fatigue on the radial compression behaviour of Norway spruce". *Holzforschung*. 2017, 71(6). 505-514. <https://doi.org/10.1515/hf-2016-0144>

Mishra, Ayush et al. "In-vitro dissolution characteristics and human adipose stem cell response to novel borophosphate glasses". *Journal of Biomedical Materials Research - Part A*. 2019. <https://doi.org/10.1002/jbm.a.36722>

Böttrich, Marcel, Jarno M.A. Tanskanen, ja Jari A.K. Hyttinen. "Lead field theory provides a powerful tool for designing microelectrode array impedance measurements for biological cell detection and observation". *BioMedical Engineering Online*. 2017. 16(1). <https://doi.org/10.1186/s12938-017-0372-5>

Paci, Michelangelo et al. "Mathematical modelling of the action potential of human embryonic stem cell derived cardiomyocytes". *BioMedical Engineering Online*. 2012. 11. <https://doi.org/10.1186/1475-925X-11-61>

Isoniemi, Tommi et al. "Measuring optical anisotropy in poly(3,4-ethylene dioxythiophene): poly(styrene sulfonate) films with added graphene". *Organic Electronics*. 2015, 25. 317-323. <https://doi.org/10.1016/j.orgel.2015.06.037>, <https://doi.org/10.1016/j.orgel.2015.06.037>

Kanerva, M. et al. "Miniature CoCr laser welds under cyclic shear: Fatigue evolution and crack growth". *Journal of the Mechanical Behavior of Biomedical Materials*. 2019, 99. 93-103. <https://doi.org/10.1016/j.jmbbm.2019.07.004>

Potapov, Ilya, Boris Zhurov ja Evgeny Volkov. "Multi-stable dynamics of the non-adiabatic repressilator". *Journal of the Royal Society. Interface*. 2015. 12(104). <https://doi.org/10.1098/rsif.2014.1315>

Åkerblom, Markku et al. "Non-intersecting leaf insertion algorithm for tree structure models". *Interface Focus*. 2018. 8(2). <https://doi.org/10.1098/rsfs.2017.0045>

Pihlman, Hanna et al. "Novel osteoconductive  $\beta$ -tricalcium phosphate/poly(L-lactide-co-e-caprolactone) scaffold for bone regeneration: a study in a rabbit calvarial defect". *Journal of Materials Science: Materials in Medicine*. 2018. 29(10). <https://doi.org/10.1007/s10856-018-6159-9>

Haapanen, Janne et al. "On the limit of superhydrophobicity: Defining the minimum amount of TiO<sub>2</sub> nanoparticle coating". *Materials Research Express*. 2019. 6(3). <https://doi.org/10.1088/2053-1591/aaf2ee>

Daculsi, Guy et al. "Osteoconductive properties of poly(96L/4D-lactide)/beta-tricalcium phosphate in long term animal model". *Biomaterials*. 2011, 32(12). 3166-3177. <https://doi.org/10.1016/j.biomaterials.2011.01.033>

Tirkkonen, L. et al. "Osteogenic medium is superior to growth factors in differentiation of human adipose stem cells towards boneforming cells in 3D culture". *European Cells and Materials*. 2012, 25. 144-158.

Kulkova, Julia et al. "Osteointegration of PLGA implants with nanostructured or micro-sized  $\beta$ -TCP particles in a minipig model". *Journal of the Mechanical Behavior of Biomedical Materials*. 2014, 40. 190-200. <https://doi.org/10.1016/j.jmbbm.2014.08.028>

Le Xuan, Loc et al. "Photostable second-harmonic generation from a single KTiOPO<sub>4</sub> nanocrystal for nonlinear microscopy". *Small*. 2008, 4(9). 1332-1336. <https://doi.org/10.1002/sml.200701093>

Zhao, Ming Dong et al. "Polypyrrole coating on poly-(lactide/glycolide)- $\beta$ -tricalcium phosphate screws enhances new bone formation in rabbits". *Biomedical Materials*. 2015. 10(6). <https://doi.org/10.1088/1748-6041/10/6/065016>

Kuuliala, L. et al. "Preparation and antimicrobial characterization of silver-containing packaging materials for meat". *Food Packaging and Shelf Life*. 2015, 6. 53-60. <https://doi.org/10.1016/j.fpsl.2015.09.004>

Li, Zhuo et al. "Rational design of a printable, highly conductive silicone-based electrically conductive adhesive for stretchable radio-frequency antennas". *Advanced Functional Materials*. 2015, 25(3). 464-470. <https://doi.org/10.1002/adfm.201403275>

Lenk, Kerstin et al. "Simulation of developing human neuronal cell networks". *BioMedical Engineering Online*. 2016. 15(1). <https://doi.org/10.1186/s12938-016-0226-6>

Borah, Dipu et al. "Soft graphoepitaxy for large area directed self-assembly of polystyrene-block-poly(dimethylsiloxane) block copolymer on nanopatterned poss substrates fabricated by nanoimprint lithography". *Advanced Functional Materials*. 2015, 25(22). 3425-3432. <https://doi.org/10.1002/adfm.201500100>

Foroutan, Farzad et al. "Sol-gel synthesis of quaternary (P2O5)55-(CaO)25-(Na2O)(20-x)-(TiO2) x bioresorbable glasses for bone tissue engineering applications (x = 0, 5, 10, or 15)". *Biomedical materials (Bristol, England)*. 2015, 10(4). 45025. <https://doi.org/10.1088/1748-6041/10/4/045025>

Reyes, Guillermo et al. "Solvent Welding and Imprinting Cellulose Nanofiber Films Using Ionic Liquids". *Biomacromolecules*. 2019, 20(1). 502-514. <https://doi.org/10.1021/acs.biomac.8b01554>

Stumpel, Jelle E. et al. "Stimuli-Responsive Materials Based on Interpenetrating Polymer Liquid Crystal Hydrogels". *Advanced Functional Materials*. 2015, 25(22). 3314–3320. <https://doi.org/10.1002/adfm.201500745>

Al Qaysi, Mustafa et al. "Strontium- and calcium-containing, titanium-stabilised phosphate-based glasses with prolonged degradation for orthopaedic tissue engineering". *Journal of Biomaterials Applications*. 2015, 30(3). 300-310. <https://doi.org/10.1177/0885328215588898>

Sorkio, Anni et al. "Structure and barrier properties of human embryonic stem cell-derived retinal pigment epithelial cells are affected by extracellular matrix protein coating". *Tissue Engineering Part A*. 2014, 20(3-4). 622-634. <https://doi.org/10.1089/ten.tea.2013.0049>

Fliervoet, Lies A.L. et al. "Structure and Dynamics of Thermosensitive pDNA Polyplexes Studied by Time-Resolved Fluorescence Spectroscopy". *Biomacromolecules*. 2019. <https://doi.org/10.1021/acs.biomac.9b00896>

Sorkio, Anni et al. "Surface Modified Biodegradable Electrospun Membranes as a Carrier for Human Embryonic Stem Cell-Derived Retinal Pigment Epithelial Cells". *Tissue Engineering Part A*. 2015, 21(17-18). 2301-2314. <https://doi.org/10.1089/ten.tea.2014.0640>

Kanninen, L. et al. "Surface science analysis and surface modification methods for biomaterials research". *European Cells and Materials*. 2010, 20(SUPPL. 3). 133.

Virjula, Sanni et al. "The effect of equiaxial stretching on the osteogenic differentiation and mechanical properties of human adipose stem cells". *Journal of the Mechanical Behavior of Biomedical Materials*. 2017, 72. 38-48. <https://doi.org/10.1016/j.jmbbm.2017.04.016>

Lindgren, M. et al. "The influence of high-temperature sulfuric acid solution ageing on the properties of laminated vinyl-ester joints". *International Journal of Adhesion and Adhesives*. 2016, 68. 298-304. <https://doi.org/10.1016/j.ijadhadh.2016.04.011>

Massera, J. et al. "The influence of SrO and CaO in silicate and phosphate bioactive glasses on human gingival fibroblasts". *Journal of Materials Science: Materials in Medicine*. 2015. 26(6). <https://doi.org/10.1007/s10856-015-5528-x>

Karvinen, Jennika et al. "The production of injectable hydrazone crosslinked gellan gum-hyaluronan-hydrogels with tunable mechanical and physical properties". *Journal of the Mechanical Behavior of Biomedical Materials*. 2017, 71. 383-391. <https://doi.org/10.1016/j.jmbbm.2017.04.006>

Lolicato, Fabio et al. "The Role of Temperature and Lipid Charge on Intake/Uptake of Cationic Gold Nanoparticles into Lipid Bilayers". *Small*. 2019. 15(23). <https://doi.org/10.1002/smll.201805046>

Borah, Dipu et al. "The sensitivity of random polymer brush-lamellar polystyrene-b-polymethylmethacrylate block copolymer systems to process conditions". *Journal of Colloid and Interface Science*. 2013, 393(1). 192-202. <https://doi.org/10.1016/j.jcis.2012.10.070>

Ylä-Outinen, Laura et al. "Three-dimensional growth matrix for human embryonic stem cell-derived neuronal cells". *Journal of Tissue Engineering and Regenerative Medicine*. 2014, 8(3). 186-194. <https://doi.org/10.1002/term.1512>

Häkkinen, Antti et al. "Transcription closed and open complex formation coordinate expression of genes with a shared promoter region". *Journal of the Royal Society Interface*. 2019. 16(161). <https://doi.org/10.1098/rsif.2019.0507>

Kaasalainen, Sanna et al. "Uncertainty in multispectral lidar signals caused by incidence angle effects". *Interface Focus*. 2018. 8(2). <https://doi.org/10.1098/rsfs.2017.0033>

Hiltunen, M. et al. "Uniform and electrically conductive biopolymer-doped polypyrrole coating for fibrous PLA". *Journal of Biomedical Materials Research. Part B: Applied Biomaterials*. 2016, 104(8). 1721–1729. <https://doi.org/10.1002/jbm.b.33514>

Disney, M. I. et al. "Weighing trees with lasers: Advances, challenges and opportunities". *Interface Focus*. 2018. 8(2). <https://doi.org/10.1098/rsfs.2017.0048>

Heydari, Golrokh et al. "Wetting hysteresis induced by temperature changes: Supercooled water on hydrophobic surfaces" . *Journal of Colloid and Interface Science*. 2016, 468. 21-33. <https://doi.org/10.1016/j.jcis.2016.01.040>

Abu Khamidakh, Amna E. et al. "Wound healing of human embryonic stem cell-derived retinal pigment epithelial cells is affected by maturation stage". *BioMedical Engineering Online*. 2018. 17(1). <https://doi.org/10.1186/s12938-018-0535-z>