# Simone Carmignato

List of Publications by Year
in descending order



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|---|---|---|---|
| 137 papers | 4,380 citations | 147801 31 h-index | 123424 61 g-index |
| 141 all docs | 141 docs citations | 141 times ranked | 3254 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Computed tomography for dimensional metrology. CIRP Annals - Manufacturing Technology, 2011, 60, 821-842. | 3.6 | 506 |
| 2 | Industrial applications of computed tomography. CIRP Annals - Manufacturing Technology, 2014, 63, 655-677. | 3.6 | 467 |
| 3 | X-ray computed tomography. Nature Reviews Methods Primers, 2021, 1, . | 21.2 | 305 |
| 4 | Low- and high-cycle fatigue resistance of Ti-6Al-4V ELI additively manufactured via selective laser melting: Mean stress and defect sensitivity. International Journal of Fatigue, 2018, 107, 96-109. | 5.7 | 202 |
| 5 | Geometrical metrology for metal additive manufacturing. CIRP Annals - Manufacturing Technology, 2019, 68, 677-700. | 3.6 | 193 |
| 6 | Porosity testing methods for the quality assessment of selective laser melted parts. CIRP Annals - Manufacturing Technology, 2016, 65, 201-204. | 3.6 | 134 |
| 7 | Accuracy of industrial computed tomography measurements: Experimental results from an international comparison. CIRP Annals - Manufacturing Technology, 2012, 61, 491-494. | 3.6 | 125 |
| 8 | On the effect of geometrical imperfections and defects on the fatigue strength of cellular lattice structures additively manufactured via Selective Laser Melting. International Journal of Fatigue, 2019, 124, 348-360. | 5.7 | 119 |
| 9 | Towards geometrical calibration of x-ray computed tomography systemsâ€”a review. Measurement Science and Technology, 2015, 26, 092003. | 2.6 | 97 |
| 10 | Investigating the technological limits of micro-injection molding in replicating high aspect ratio micro-structured surfaces. CIRP Annals - Manufacturing Technology, 2014, 63, 521-524. | 3.6 | 79 |
| 11 | A 3D edge detection technique for surface extraction in computed tomography for dimensional metrology applications. CIRP Annals - Manufacturing Technology, 2013, 62, 531-534. | 3.6 | 65 |
| 12 | Uncertainty evaluation of volumetric wear assessment from coordinate measurements of ceramic hip joint prostheses. Wear, 2011, 270, 584-590. | 3.1 | 57 |
| 13 | Micro porosity analysis in additive manufactured NiTi parts using micro computed tomography and electron microscopy. Materials and Design, 2016, 90, 745-752. | 7.0 | 57 |
| 14 | Porosity measurements by X-ray computed tomography: Accuracy evaluation using a calibrated object. Precision Engineering, 2017, 49, 377-387. | 3.4 | 56 |
| 15 | Dimensional artefacts to achieve metrological traceability in advanced manufacturing. CIRP Annals - Manufacturing Technology, 2020, 69, 693-716. | 3.6 | 56 |
| 16 | Testing of x-ray microtomography systems using a traceable geometrical standard. Measurement Science and Technology, 2009, 20, 084021. | 2.6 | 54 |
| 17 | An hysteresis energy-based synthesis of fully reversed axial fatigue behaviour of different polypropylene composites. Composites Part B: Engineering, 2014, 65, 17-25. | 12.0 | 42 |
| 18 | Characterisation of additively manufactured metal surfaces by means of X-ray computed tomography and generalised surface texture parameters. CIRP Annals - Manufacturing Technology, 2019, 68, 515-518. | 3.6 | 42 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Modified StÃ¶ber synthesis of highly luminescent dye-doped silica nanoparticles. Journal of Nanoparticle Research, 2011, 13, 4349-4356. | 1.9 | 41 |
| 20 | Economic benefits of metrology in manufacturing. CIRP Annals - Manufacturing Technology, 2016, 65, 495-498. | 3.6 | 40 |
| 21 | Influence of surface roughness on X-ray computed tomography dimensional measurements of additive manufactured parts. Case Studies in Nondestructive Testing and Evaluation, 2016, 6, 104-110. | 1.7 | 40 |
| 22 | Influence of surface roughness on computed tomography dimensional measurements. CIRP Annals - Manufacturing Technology, 2017, 66, 499-502. | 3.6 | 40 |
| 23 | Additively manufactured Tiâ€“6Alâ€“4V thin struts via laser powder bed fusion: Effect of building orientation on geometrical accuracy and mechanical properties. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 119, 104495. | 3.1 | 40 |
| 24 | Particle based method and X-ray computed tomography for pore-scale flow characterization in VRFB electrodes. Energy Storage Materials, 2019, 16, 91-96. | 18.0 | 39 |
| 25 | Laser cutting of lithium iron phosphate battery electrodes: Characterization of process efficiency and quality. Optics and Laser Technology, 2015, 65, 164-174. | 4.6 | 38 |
| 26 | Analysis of the shrinkage of injection-molded fiber-reinforced thin-wall parts. Materials and Design, 2017, 132, 496-504. | 7.0 | 38 |
| 27 | Traceable volume measurements using coordinate measuring systems. CIRP Annals - Manufacturing Technology, 2011, 60, 519-522. | 3.6 | 37 |
| 28 | Metrological performance of optical coordinate measuring machines under industrial conditions. CIRP Annals - Manufacturing Technology, 2010, 59, 497-500. | 3.6 | 36 |
| 29 | Dimensional measurement of micro-moulded parts by computed tomography. Measurement Science and Technology, 2012, 23, 125401. | 2.6 | 36 |
| 30 | Two-spheres method for evaluating the metrological structural resolution in dimensional computed tomography. Measurement Science and Technology, 2017, 28, 114002. | 2.6 | 36 |
| 31 | Effect of the geometrical defectiveness on the mechanical properties of SLM biomedical Ti6Al4V lattices. Procedia Structural Integrity, 2018, 13, 161-167. | 0.8 | 36 |
| 32 | Thermal drift study on different commercial scanning probe microscopes during the initial warming-up phase. Measurement Science and Technology, 2011, 22, 094016. | 2.6 | 34 |
| 33 | Ceramicâ€Onâ€Metal for Total Hip Replacement: Mixing and Matching Can Lead to High Wear. Artificial Organs, 2010, 34, 319-323. | 1.9 | 31 |
| 34 | Reference object for evaluating the accuracy of porosity measurements by X-ray computed tomography. Case Studies in Nondestructive Testing and Evaluation, 2016, 6, 122-127. | 1.7 | 30 |
| 35 | Geometrical modelling of scanning probe microscopes and characterization of errors. Measurement Science and Technology, 2009, 20, 084013. | 2.6 | 29 |
| 36 | Alumina-on-alumina hip implants. Journal of Bone and Joint Surgery: British Volume, 2012, 94-B, 37-42. | 3.4 | 29 |

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|---|---|---|---|
| 37 | CMMâ€“based procedure for polyethylene non-congruous unicompartmental knee prosthesis wear assessment. Wear, 2009, 267, 753-756. | 3.1 | 27 |
| 38 | Error Sources in Atomic Force Microscopy for Dimensional Measurements: Taxonomy and Modeling. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2010, 132, . | 2.2 | 27 |
| 39 | Atomic force acoustic microscopy for quantitative nanomechanical characterization. Wear, 2011, 271, 534-538. | 3.1 | 27 |
| 40 | Evaluating the effects of detector angular misalignments on simulated computed tomography data. Precision Engineering, 2016, 45, 230-241. | 3.4 | 27 |
| 41 | A New Method for Thread Calibration on Coordinate Measuring Machines. CIRP Annals - Manufacturing Technology, 2003, 52, 447-450. | 3.6 | 26 |
| 42 | Calibration artefact for the microscale with high aspect ratio: The fiber gauge. CIRP Annals - Manufacturing Technology, 2008, 57, 497-500. | 3.6 | 26 |
| 43 | Micro-drilling and Threading of the Ti6Al4V Titanium Alloy Produced through Additive Manufacturing. Procedia CIRP, 2016, 46, 583-586. | 1.9 | 26 |
| 44 | Effects of powder reuse on the microstructure and mechanical behaviour of Alâ€“Mgâ€“Scâ€“Zr alloy processed by laser powder bed fusion (LPBF). Additive Manufacturing, 2020, 36, 101625. | 3.0 | 24 |
| 45 | High speed pulsed laser cutting ofLiCoO2Li-ion battery electrodes. Optics and Laser Technology, 2017, 94, 90-96. | 4.6 | 23 |
| 46 | Traceable Porosity Measurements in Industrial Components Using X-Ray Computed Tomography. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2019, 141, . | 2.2 | 23 |
| 47 | Simulating the influence of scatter and beam hardening in dimensional computed tomography. Measurement Science and Technology, 2017, 28, 104001. | 2.6 | 22 |
| 48 | X-ray computed tomography for metal additive manufacturing: challenges and solutions for accuracy enhancement. Procedia CIRP, 2018, 75, 114-118. | 1.9 | 22 |
| 49 | Effect of heat treatment temperature and turning residual stresses on the plain and notch fatigue strength of Ti-6Al-4V additively manufactured via laser powder bed fusion. International Journal of Fatigue, 2022, 162, 107009. | 5.7 | 22 |
| 50 | Unicompartmental knee prostheses:in vitrowear assessment of the menisci tibial insert after two different fixation methods. Physics in Medicine and Biology, 2008, 53, 5357-5369. | 3.0 | 21 |
| 51 | Fatigue properties of Ti6Al4V cellular specimens fabricated via SLM: CAD vs real geometry. Procedia Structural Integrity, 2017, 7, 116-123. | 0.8 | 21 |
| 52 | Enhancing the accuracy of high-speed laser triangulation measurement of freeform parts at elevated temperature. CIRP Annals - Manufacturing Technology, 2015, 64, 499-502. | 3.6 | 20 |
| 53 | Experimental analysis of mechanical properties and microstructure of long glass fiber reinforced polypropylene processed by rapid heat cycle injection molding. Composites Part A: Applied Science and Manufacturing, 2018, 107, 366-373. | 7.6 | 20 |
| 54 | Benchmarking of Laser Powder Bed Fusion Machines. Journal of Manufacturing and Materials Processing, 2019, 3, 85. | 2.2 | 20 |

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|---|---|---|---|
| 55 | New Approach for Verifying the Accuracy of X-ray Computed Tomography Measurements of Surface Topographies in Additively Manufactured Metal Parts. Journal of Nondestructive Evaluation, 2019, 38, 1. | 2.4 | 20 |
| 56 | Precision Metal Additive Manufacturing. , 0, , . | | 20 |
| 57 | Multiaxial plain and notch fatigue strength of thick-walled ductile cast iron EN-GJS-600-3: Combining multiaxial fatigue criteria, theory of critical distances, and defect sensitivity. International Journal of Fatigue, 2022, 156, 106703. | 5.7 | 20 |
| 58 | Enhanced dimensional measurement by fast determination and compensation of geometrical misalignments of X-ray computed tomography instruments. CIRP Annals - Manufacturing Technology, 2018, 67, 523-526. | 3.6 | 19 |
| 59 | Measurement of the X-ray computed tomography instrument geometry by minimization of reprojection errorsâ€"Implementation on simulated data. Precision Engineering, 2018, 54, 7-20. | 3.4 | 19 |
| 60 | The use of Raman spectroscopy in the analysis of UHMWPE uni-condylar bearing systems after run on a force and displacement control knee simulators. Wear, 2013, 297, 781-790. | 3.1 | 18 |
| 61 | Principles of X-ray Computed Tomography. , 2018, , 25-67. | | 18 |
| 62 | The effect of strut size on microstructure and compressive strength of porous Ti6Al4V lattices printed via Direct Ink Writing. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 787, 139484. | 5.6 | 18 |
| 63 | Coordinate metrology using scanning probe microscopes. Measurement Science and Technology, 2009, 20, 084002. | 2.6 | 17 |
| 64 | Precision additive manufacturing of NiTi parts using micro direct metal deposition. International Journal of Advanced Manufacturing Technology, 2018, 96, 3729-3736. | 3.0 | 17 |
| 65 | Feature-Oriented Measurement Strategy in Atomic Force Microscopy. CIRP Annals - Manufacturing Technology, 2007, 56, 557-560. | 3.6 | 16 |
| 66 | Fundamental correction strategies for accuracy improvement of dimensional measurements obtained from a conventional micro-CT cone beam machine. CIRP Journal of Manufacturing Science and Technology, 2013, 6, 143-148. | 4.5 | 16 |
| 67 | Solute transport and reaction in porous electrodes at high Schmidt numbers. Journal of Fluid Mechanics, 2020, 896, . | 3.4 | 16 |
| 68 | Computed Tomography as a Tool for Examining Surface Integrity in Drilled Holes in CFRP Composites. Procedia CIRP, 2014, 13, 43-48. | 1.9 | 15 |
| 69 | Experimental and computational evaluation of tensile properties of additively manufactured hexa- and tetrachiral auxetic cellular structures. Additive Manufacturing, 2021, 45, 102022. | 3.0 | 15 |
| 70 | Plain and notch fatigue strength of thick-walled ductile cast iron EN-GJS-600-3: A double-notch critical distance approach to defect sensitivity. International Journal of Fatigue, 2021, 152, 106414. | 5.7 | 15 |
| 71 | Severe damage of alumina-on-alumina hip implants: Wear assessments at a microscopic level. Journal of the European Ceramic Society, 2012, 32, 3647-3657. | 5.7 | 14 |
| 72 | Uncertainty determination for X-ray computed tomography wear assessment of polyethylene hip joint prostheses. Precision Engineering, 2018, 52, 477-483. | 3.4 | 14 |

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| 73 | Measurement of the X-ray computed tomography instrument geometry by minimization of reprojection errorsâ€"Implementation on experimental data. Precision Engineering, 2018, 54, 107-117. | 3.4 | 14 |
| 74 | Advances in the metrological traceability and performance of X-ray computed tomography. CIRP Annals - Manufacturing Technology, 2022, 71, 693-716. | 3.6 | 14 |
| 75 | Quantification of Wear and Deformation in Different Configurations of Polyethylene Acetabular Cups Using Micro X-ray Computed Tomography. Materials, 2017, 10, 259. | 2.9 | 13 |
| 76 | Metrological validation for 3D modeling of dental plaster casts. Medical Engineering and Physics, 2007, 29, 954-966. | 1.7 | 12 |
| 77 | Critical factors in quantitative Atomic Force Acoustic Microscopy. CIRP Journal of Manufacturing Science and Technology, 2010, 3, 49-54. | 4.5 | 12 |
| 78 | Metrological performance verification of coordinate measuring systems with optical distance sensors. International Journal of Precision Technology, 2011, 2, 153. | 0.2 | 12 |
| 79 | Applications of CT for Dimensional Metrology. , 2018, , 333-369. | | 12 |
| 80 | Analysis of an as-built metal additively manufactured tool cavity insert performance and advantages for plastic injection moulding. Journal of Manufacturing Processes, 2021, 61, 369-382. | 5.9 | 12 |
| 81 | High-Speed Measurement of Complex Shaped Parts at Elevated Temperature by Laser Triangulation. International Journal of Automation Technology, 2015, 9, 558-566. | 1.0 | 12 |
| 82 | Effect of long-term irrigation and tillage practices on X-ray CT and gas transport derived pore-network characteristics. Soil Research, 2019, 57, 657. | 1.1 | 11 |
| 83 | Quality and Productivity Considerations for Laser Cutting of LiFePO4 and LiNiMnCoO2 Battery Electrodes. Procedia CIRP, 2016, 42, 433-438. | 1.9 | 10 |
| 84 | Uniaxial static mechanical properties of regular, irregular and random additively manufactured cellular materials: Nominal vs. real geometry. Forces in Mechanics, 2021, 2, 100007. | 2.8 | 10 |
| 85 | Micro X-Ray Computed Tomography Mass Loss Assessment of Different UHMWPE: A Hip Joint Simulator Study on Standard vs. Cross-Linked Polyethylene. PLoS ONE, 2017, 12, e0170263. | 2.5 | 10 |
| 86 | Quantification of Wear Rates and Plastic Deformation on Mobile Unicompartmental UHMWPE Tibial Knee Inserts. Tribology Letters, 2013, 52, 57-65. | 2.6 | 8 |
| 87 | Critical Factors in Cantilever Near-Field Scanning Optical Microscopy. IEEE Sensors Journal, 2014, 14, 3236-3244. | 4.7 | 8 |
| 88 | Pulsed Laser Profiling of Grinding Wheels at Normal and Quasi-Tangential Incidence. Lasers in Manufacturing and Materials Processing, 2016, 3, 158-173. | 2.2 | 8 |
| 89 | Fusion of photogrammetry and coherence scanning interferometry data for all-optical coordinate measurement. CIRP Annals - Manufacturing Technology, 2018, 67, 599-602. | 3.6 | 8 |
| 90 | Quality enhancement of microstructure and surface topography of NiTi parts produced by laser powder bed fusion. CIRP Journal of Manufacturing Science and Technology, 2020, 31, 575-582. | 4.5 | 8 |

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| 91 | Pore-Scale Transport and Two-Phase Fluid Structures in Fibrous Porous Layers: Application to Fuel Cells and Beyond. Transport in Porous Media, 2021, 136, 245-270. | 2.6 | 8 |
| 92 | Nanosecond and sub-nanosecond pulsed laser ablation of thin single and multi-layer packaging films. Applied Surface Science, 2013, 285, 300-308. | 6.1 | 7 |
| 93 | A Testpart for Interdisciplinary Analyses in Micro Production Engineering. Procedia CIRP, 2015, 28, 106-112. | 1.9 | 7 |
| 94 | Qualification and Testing of CT Systems. , 2018, , 185-228. | | 7 |
| 95 | Integrated friction measurements in hip wear simulations: Short-term results. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2010, 224, 865-876. | 1.8 | 6 |
| 96 | Lithium iron phosphate battery electrode integrity following high speed pulsed laser cutting. Applied Physics A: Materials Science and Processing, 2015, 119, 431-435. | 2.3 | 6 |
| 97 | Dimensional verification of metal additively manufactured lattice structures by X-ray computed tomography: Use of a newly developed calibrated artefact to achieve metrological traceability. Additive Manufacturing, 2021, 47, 102229. | 3.0 | 6 |
| 98 | Long term thermal drift study on SPM scanners. Mechatronics, 2011, 21, 1272-1278. | 3.3 | 5 |
| 99 | Correction Strategies for the Use of a Conventional Micro-CT Cone Beam Machine for Metrology Applications. Procedia CIRP, 2012, 2, 34-37. | 1.9 | 5 |
| 100 | May the surface roughness of the retrieved femoral head influence the wear behavior of the polyethylene liner?. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2016, 104, 1374-1385. | 3.4 | 5 |
| 101 | An In Vivo Study in Rat Femurs of Bioactive Silicate Coatings on Titanium Dental Implants. Journal of Clinical Medicine, 2020, 9, 1290. | 2.4 | 5 |
| 102 | Establishment of metrological traceability in porosity measurements by x-ray computed tomography. , 2017, , . | | 5 |
| 103 | Estimating angle-dependent systematic error and measurement uncertainty for a conoscopic holography measurement system. Proceedings of SPIE, 2009, , . | 0.8 | 4 |
| 104 | Elastic-properties measurement at high temperatures through contact resonance atomic force microscopy. AIP Conference Proceedings, 2015, , . | 0.4 | 4 |
| 105 | Enhancing multisensor data fusion on light sectioning coordinate measuring systems for the in-process inspection of freeform shaped parts. Precision Engineering, 2016, 45, 209-215. | 3.4 | 4 |
| 106 | Multi-material gap measurements using dual-energy computed tomography. Precision Engineering, 2018, 54, 420-426. | 3.4 | 4 |
| 107 | Towards Optimization of Î¼-Injection Molding Process for a New V-shaped Geometrical Component Using X-Ray CT-Based Quality Characterization. Journal of Manufacturing and Materials Processing, 2019, 3, 13. | 2.2 | 4 |
| 108 | A novel tomographic characterisation approach for sag and dross defects in metal additively manufactured channels. Additive Manufacturing, 2021, 39, 101892. | 3.0 | 4 |

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| 109 | Investigation on Tomographic-Based Nondestructive Characterization of Short Glass Fiber-Reinforced Composites as Obtained From Micro Injection Molding. Journal of Nondestructive Evaluation, Diagnostics and Prognostics of Engineering Systems, 2020, 3, . | 0.9 | 4 |
| 110 | The influence of geometric defects and microstructure in the simulation of the mechanical behaviour of laser powder-bed fusion components: Application to endoprosthesis. Journal of Manufacturing Processes, 2021, 71, 541-549. | 5.9 | 4 |
| 111 | Reference object for traceability establishment in X-ray computed tomography measurements of fiber length in fiber-reinforced polymeric materials. Precision Engineering, 2022, 77, 33-39. | 3.4 | 4 |
| 112 | Study and integration of microtechnologies for smart assembly of hybrid micro-products. International Journal of Mechatronics and Manufacturing Systems, 2009, 2, 265. | 0.1 | 3 |
| 113 | Experimental study on performance verification tests for coordinate measuring systems with optical distance sensors. Proceedings of SPIE, 2009, , . | 0.8 | 3 |
| 114 | Wear analysis through surface relocation. Journal of Physics: Conference Series, 2011, 311, 012020. | 0.4 | 3 |
| 115 | Assessment of Gradient-Based Algorithm for Surface Determination in Multi-Material Gap Measurements by X ray Computed Tomography. Materials, 2020, 13, 5650. | 2.9 | 3 |
| 116 | Characterization of Geometry and Surface Texture of AlSi10Mg Laser Powder Bed Fusion Channels Using X-ray Computed Tomography. Applied Sciences (Switzerland), 2021, 11, 4304. | 2.5 | 3 |
| 117 | Benefit quantification of interoperability in coordinate metrology. CIRP Annals - Manufacturing Technology, 2014, 63, 477-480. | 3.6 | 2 |
| 118 | Pulsed Laser Ablation of Lithium Ion Battery Electrodes. , 2014, , . | | 2 |
| 119 | Generalization of profile texture parameters for additively manufactured surfaces. Journal of Physics: Conference Series, 2018, 1065, 212019. | 0.4 | 2 |
| 120 | Assessment and verification of mean effective diameter of internal channels fabricated by laser powder bed fusion. Procedia CIRP, 2020, 94, 414-418. | 1.9 | 2 |
| 121 | Conformation and mechanics of the polymeric cuff of artificial urinary sphincter. Mathematical Biosciences and Engineering, 2020, 17, 3894-3908. | 1.9 | 2 |
| 122 | Contrast based method for the automated analysis of transfer functions and spatial resolution limits of micro- and nano-focus computed tomography systems: Evaluation with simulated data. Optics and Lasers in Engineering, 2022, 157, 107113. | 3.8 | 2 |
| 123 | Validation of the measurement performance of a three-dimensional vision sensor by means of a coordinate measuring machine. , 0, , . | | 1 |
| 124 | Metrological analysis of a procedure for the automatic 3d modeling of dental plaster casts. , 0, , . | | 1 |
| 125 | An industrial comparison of coordinate measuring systems equipped with optical sensors: the VideoAUDIT Project. , 2009, , . | | 1 |
| 126 | Surface measurements of radio antenna panels with white-light interferometry. Proceedings of SPIE, 2010, , . | 0.8 | 1 |

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| 127 | Picosecond and Nanosecond Pulsed Laser Ablation of Aluminium Foil. , 2013, , . | | 1 |
| 128 | Laser Profiling of Aluminum Oxide Grinding Wheels. , 2015, , . | | 1 |
| 129 | A methodology for 3D geometrical characterisation of microfluidic channels using optical microscopy. Journal of Micromechanics and Microengineering, 2019, 29, 045011. | 2.6 | 1 |
| 130 | Analysing Machining Errors Resulting from a Micromilling Process using CT Measurement and Process Simulation. , 2015, , . | | 1 |
| 131 | Accuracy of a 3D Vision System for Inspection of Complex Geometry. , 2002, , 569-576. | | 1 |
| 132 | X-Ray Computed Tomography for Dimensional Metrology. Precision Manufacturing, 2019, , 537-583. | 0.1 | 1 |
| 133 | Special issue on metrology in manufacturingâ€"Editorial. Measurement Science and Technology, 2022, 33, 040101. | 2.6 | 1 |
| 134 | Comparative Metrological Characterization of Ti-6Al-4V Lattice Structures Produced by Laser-Powder Bed Fusion. , 2022, , 235-250. | | 1 |
| 135 | Surface topography analysis for dimensional quality control of replication at the micrometre scale. Journal of Physics: Conference Series, 2011, 311, 012018. | 0.4 | 0 |
| 136 | X-Ray Computed Tomography for Dimensional Metrology. Precision Manufacturing, 2019, , 1-48. | 0.1 | 0 |
| 137 | Enhancing fiber length measurements performed by X-ray computed tomography for improving the production quality of composite materials. Procedia CIRP, 2019, 86, 151-155. | 1.9 | 0 |