

Minnamari Vippola

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118
papers

3,435
citations

31
h-index

55
g-index

123
ext. papers

3,803
ext. citations

4.3
avg, IF

5.03
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 118 | Optimized dispersion of nanoparticles for biological in vitro and in vivo studies. <i>Particle and Fibre Toxicology</i> , 2008 , 5, 14 | 8.4 | 346 |
| 117 | Long, needle-like carbon nanotubes and asbestos activate the NLRP3 inflammasome through a similar mechanism. <i>ACS Nano</i> , 2011 , 5, 6861-70 | 16.7 | 318 |
| 116 | Genotoxicity of nanomaterials: DNA damage and micronuclei induced by carbon nanotubes and graphite nanofibres in human bronchial epithelial cells in vitro. <i>Toxicology Letters</i> , 2009 , 186, 166-73 | 4.4 | 232 |
| 115 | Genotoxic effects of nanosized and fine TiO ₂ . <i>Human and Experimental Toxicology</i> , 2009 , 28, 339-52 | 3.4 | 176 |
| 114 | Proteomic characterization of engineered nanomaterial-protein interactions in relation to surface reactivity. <i>ACS Nano</i> , 2011 , 5, 4300-9 | 16.7 | 137 |
| 113 | Airway exposure to silica-coated TiO ₂ nanoparticles induces pulmonary neutrophilia in mice. <i>Toxicological Sciences</i> , 2010 , 113, 422-33 | 4.4 | 123 |
| 112 | Nanotechnologies, engineered nanomaterials and occupational health and safety [A review]. <i>Safety Science</i> , 2010 , 48, 957-963 | 5.8 | 123 |
| 111 | Genotoxicity of polyvinylpyrrolidone-coated silver nanoparticles in BEAS 2B cells. <i>Toxicology</i> , 2013 , 313, 38-48 | 4.4 | 85 |
| 110 | Topically applied ZnO nanoparticles suppress allergen induced skin inflammation but induce vigorous IgE production in the atopic dermatitis mouse model. <i>Particle and Fibre Toxicology</i> , 2014 , 11, 38 | 8.4 | 76 |
| 109 | Inhalation of rod-like carbon nanotubes causes unconventional allergic airway inflammation. <i>Particle and Fibre Toxicology</i> , 2014 , 11, 48 | 8.4 | 68 |
| 108 | Wear and corrosion properties of plasma sprayed Al ₂ O ₃ and Cr ₂ O ₃ coatings sealed by aluminum phosphates. <i>Journal of Thermal Spray Technology</i> , 1997 , 6, 205-210 | 2.5 | 60 |
| 107 | Aluminum phosphate sealed alumina coating: characterization of microstructure. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2002 , 323, 1-8 | 5.3 | 60 |
| 106 | A comprehensive review of the photopolymerization of ceramic resins used in stereolithography. <i>Additive Manufacturing</i> , 2020 , 35, 101177 | 6.1 | 52 |
| 105 | Utilization of Barkhausen noise magnetizing sweeps for case-depth detection from hardened steel. <i>NDT and E International</i> , 2012 , 52, 95-102 | 4.1 | 49 |
| 104 | Vibration damping properties of steel/rubber/composite hybrid structures. <i>Composite Structures</i> , 2012 , 94, 3327-3335 | 5.3 | 48 |
| 103 | Modified thick thermal barrier coatings: microstructural characterization. <i>Journal of the European Ceramic Society</i> , 2004 , 24, 2247-2258 | 6 | 48 |
| 102 | A Single Aspiration of Rod-like Carbon Nanotubes Induces Asbestos-like Pulmonary Inflammation Mediated in Part by the IL-1 Receptor. <i>Toxicological Sciences</i> , 2015 , 147, 140-55 | 4.4 | 47 |

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| 101 | Preparation of nanoparticle dispersions for in-vitro toxicity testing. <i>Human and Experimental Toxicology</i> , 2009 , 28, 377-85 | 3.4 | 45 |
| 100 | Free radical scavenging and formation by multi-walled carbon nanotubes in cell free conditions and in human bronchial epithelial cells. <i>Particle and Fibre Toxicology</i> , 2014 , 11, 4 | 8.4 | 43 |
| 99 | Properties of HVOF-sprayed Stellite-6 coatings. <i>Surface and Coatings Technology</i> , 2018 , 338, 45-62 | 4.4 | 40 |
| 98 | Impact properties of novel corrosion resistant hybrid structures. <i>Composite Structures</i> , 2014 , 108, 886-893 | 5.3 | 39 |
| 97 | Corrosion products of carbonation induced corrosion in existing reinforced concrete facades. <i>Cement and Concrete Research</i> , 2015 , 78, 200-207 | 10.3 | 37 |
| 96 | Metal/Plastic Adhesion in Injection-Molded Hybrids. <i>Journal of Adhesion Science and Technology</i> , 2009 , 23, 1747-1761 | 2 | 37 |
| 95 | Thermal analysis of plasma sprayed oxide coatings sealed with aluminium phosphate. <i>Journal of the European Ceramic Society</i> , 2002 , 22, 1937-1946 | 6 | 35 |
| 94 | Characterization of silane layers on modified stainless steel surfaces and related stainless steel/plastic hybrids. <i>Applied Surface Science</i> , 2011 , 257, 9335-9346 | 6.7 | 33 |
| 93 | Generation of silver/palladium nanoparticles by liquid flame spray. <i>Journal of Materials Research</i> , 2004 , 19, 1544-1550 | 2.5 | 33 |
| 92 | Residual stresses in aluminium phosphate sealed plasma sprayed oxide coatings and their effect on abrasive wear. <i>Wear</i> , 2002 , 252, 614-623 | 3.5 | 33 |
| 91 | Induction of chromosomal aberrations by carbon nanotubes and titanium dioxide nanoparticles in human lymphocytes in vitro. <i>Nanotoxicology</i> , 2012 , 6, 825-36 | 5.3 | 32 |
| 90 | Structural Characterization of Aluminum Phosphate Binder. <i>Journal of the American Ceramic Society</i> , 2004 , 83, 1834-1836 | 3.8 | 32 |
| 89 | A Study of Cr ₃ C ₂ -Based HVOF- and HVOF-Sprayed Coatings: Microstructure and Carbide Retention. <i>Journal of Thermal Spray Technology</i> , 2017 , 26, 1239-1256 | 2.5 | 31 |
| 88 | The activity of Pt/Al ₂ O ₃ diesel oxidation catalyst after sulphur and calcium treatments. <i>Catalysis Today</i> , 2010 , 154, 303-307 | 5.3 | 31 |
| 87 | Development of Barkhausen noise calibration blocks for reliable grinding burn detection. <i>Journal of Materials Processing Technology</i> , 2012 , 212, 408-416 | 5.3 | 30 |
| 86 | A secretomics analysis reveals major differences in the macrophage responses towards different types of carbon nanotubes. <i>Nanotoxicology</i> , 2015 , 9, 719-28 | 5.3 | 26 |
| 85 | Regeneration of sulfur-poisoned Pd-based catalyst for natural gas oxidation. <i>Journal of Catalysis</i> , 2018 , 358, 253-265 | 7.3 | 26 |
| 84 | Superamphiphobic overhang structured coating on a biobased material. <i>Applied Surface Science</i> , 2016 , 389, 135-143 | 6.7 | 25 |

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| 83 | Characterization of modified thick thermal barrier coatings. <i>Journal of Thermal Spray Technology</i> , 2004 , 13, 361-369 | 2.5 | 24 |
| 82 | Structural Characteristics of Natural-Gas-Vehicle-Aged Oxidation Catalyst. <i>Topics in Catalysis</i> , 2013 , 56, 576-585 | 2.3 | 23 |
| 81 | Sol-gel derived aluminosilicate coatings on alumina as substrate for osteoblasts. <i>Acta Biomaterialia</i> , 2006 , 2, 659-68 | 10.8 | 23 |
| 80 | Effect of Shot Peening Parameters to Residual Stress Profiles and Barkhausen Noise. <i>Journal of Nondestructive Evaluation</i> , 2018 , 37, 1 | 2.1 | 21 |
| 79 | An Efficient Procedure for Identifying the Prediction Model Between Residual Stress and Barkhausen Noise. <i>Journal of Nondestructive Evaluation</i> , 2013 , 32, 341-349 | 2.1 | 21 |
| 78 | Influence of relative humidity and physical load during storage on dustiness of inorganic nanomaterials: implications for testing and risk assessment. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 1 | 2.3 | 21 |
| 77 | Ageing of corrosion resistant steel/rubber/composite hybrid structures. <i>International Journal of Adhesion and Adhesives</i> , 2014 , 49, 26-32 | 3.4 | 21 |
| 76 | Insight to Nanoparticle Size Analysis-Novel and Convenient Image Analysis Method Versus Conventional Techniques. <i>Nanoscale Research Letters</i> , 2016 , 11, 169 | 5 | 20 |
| 75 | Accelerated deactivation studies of the natural-gas oxidation catalyst. Verifying the role of sulfur and elevated temperature in catalyst aging. <i>Applied Catalysis B: Environmental</i> , 2016 , 182, 439-448 | 21.8 | 20 |
| 74 | The effect of Pt/Rh synergism on the thermal stability of rhodium oxide on pure alumina and Ce/ZrO ₂ -modified alumina-supported catalysts. <i>Journal of Catalysis</i> , 2004 , 226, 372-381 | 7.3 | 20 |
| 73 | Hydrothermal carbonization of pulp mill streams. <i>Bioresource Technology</i> , 2016 , 212, 236-244 | 11 | 19 |
| 72 | Collection of liquid flame spray generated TiO ₂ nanoparticles on stainless steel surface. <i>Materials Letters</i> , 2006 , 60, 530-534 | 3.3 | 19 |
| 71 | Aligned Poly(ϵ -caprolactone) Nanofibers Guide the Orientation and Migration of Human Pluripotent Stem Cell-Derived Neurons, Astrocytes, and Oligodendrocyte Precursor Cells In Vitro. <i>Macromolecular Bioscience</i> , 2017 , 17, 1600517 | 5.5 | 17 |
| 70 | Limitations of eddy current inspection in railway rail evaluation. <i>Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit</i> , 2018 , 232, 121-129 | 1.4 | 17 |
| 69 | The formation and characterization of fretting-induced degradation layers using quenched and tempered steel. <i>Tribology International</i> , 2019 , 131, 258-267 | 4.9 | 17 |
| 68 | Effect of silane treatment parameters on the silane layer formation and bonding to thermoplastic urethane. <i>Progress in Organic Coatings</i> , 2011 , 72, 716-723 | 4.8 | 16 |
| 67 | The Effect of SO ₂ and H ₂ O on the Activity of Pd/CeO ₂ and Pd/ZrO ₂ /CeO ₂ Diesel Oxidation Catalysts. <i>Topics in Catalysis</i> , 2009 , 52, 2025-2028 | 2.3 | 16 |
| 66 | Carbon-based nanomaterials accelerate arteriolar thrombus formation in the murine microcirculation independently of their shape. <i>Journal of Applied Toxicology</i> , 2014 , 34, 1167-76 | 4.1 | 15 |

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| 65 | Influence of thermal treatment conditions on the formation of phase-pure mullite derived from a nanoparticulate aluminosilicate precursor. <i>Materials Chemistry and Physics</i> , 2009 , 115, 56-64 | 4.4 | 15 |
| 64 | Microstructural study of aluminum phosphate-sealed, plasma-sprayed chromium oxide coating. <i>Journal of Thermal Spray Technology</i> , 2002 , 11, 253-260 | 2.5 | 15 |
| 63 | Effect of particle size and dispersion status on cytotoxicity and genotoxicity of zinc oxide in human bronchial epithelial cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2016 , 805, 7-18 | 3 | 15 |
| 62 | Characterization of cracks formed in large flat-on-flat fretting contact. <i>International Journal of Fatigue</i> , 2019 , 124, 361-370 | 5 | 14 |
| 61 | Adhesion properties of novel corrosion resistant hybrid structures. <i>International Journal of Adhesion and Adhesives</i> , 2014 , 49, 51-57 | 3.4 | 13 |
| 60 | Deactivation of Diesel Oxidation Catalysts by Sulphur in Laboratory and Engine-Bench Scale Aging. <i>Topics in Catalysis</i> , 2013 , 56, 672-678 | 2.3 | 13 |
| 59 | Barkhausen noise characterisation during elastic bending and tensile-compression loading of case-hardened and tempered samples. <i>Journal of Materials Science</i> , 2012 , 47, 6420-6428 | 4.3 | 13 |
| 58 | Oxidation of copper alloys studied by analytical transmission electron microscopy cross-sectional specimens. <i>Journal of Materials Research</i> , 2008 , 23, 1350-1357 | 2.5 | 13 |
| 57 | Low temperature oxidation of copper alloys AEM and AFM characterization. <i>Journal of Materials Science</i> , 2007 , 42, 4684-4691 | 4.3 | 13 |
| 56 | Pulmonary toxicity of FeO, ZnFeO, NiFeO and NiZnFeO nanomaterials: Inflammation and DNA strand breaks. <i>Environmental Toxicology and Pharmacology</i> , 2020 , 74, 103303 | 5.8 | 13 |
| 55 | The Effect of Phosphorus Exposure on Diesel Oxidation Catalysts Part I: Activity Measurements, Elementary and Surface Analyses. <i>Topics in Catalysis</i> , 2015 , 58, 961-970 | 2.3 | 12 |
| 54 | Barkhausen noise-magnetizing voltage sweep measurement in evaluation of residual stress in hardened components. <i>Measurement Science and Technology</i> , 2014 , 25, 085602 | 2 | 12 |
| 53 | Optimized laser processing of calibration blocks for grinding burn detection with Barkhausen noise. <i>Journal of Materials Processing Technology</i> , 2012 , 212, 2282-2293 | 5.3 | 12 |
| 52 | Geometry Analysis in Screen-Printed Stretchable Interconnects. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2018 , 8, 1344-1352 | 1.7 | 11 |
| 51 | Barkhausen Noise Probes and Modelling: A Review. <i>Journal of Nondestructive Evaluation</i> , 2019 , 38, 1 | 2.1 | 10 |
| 50 | Structural changes in air aged and poisoned diesel catalysts. <i>Topics in Catalysis</i> , 2007 , 45, 137-142 | 2.3 | 10 |
| 49 | Deactivation of Pt/SiO ₂ -ZrO ₂ diesel oxidation catalysts by sulphur, phosphorus and their combinations. <i>Applied Catalysis B: Environmental</i> , 2017 , 218, 409-419 | 21.8 | 9 |
| 48 | Aerosol characterization and lung deposition of synthesized TiO ₂ nanoparticles for murine inhalation studies. <i>Journal of Nanoparticle Research</i> , 2011 , 13, 2949-2961 | 2.3 | 9 |

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| 47 | BARKHAUSEN: A study on laser-processed grinding burn simulation and analysis based on Barkhausen noise measurement. <i>Insight: Non-Destructive Testing and Condition Monitoring</i> , 2010 , 52, 293-297 | 1.3 | 9 |
| 46 | The Effect of Phosphorus Exposure on Diesel Oxidation Catalysts Part II: Characterization of Structural Changes by Transmission Electron Microscopy. <i>Topics in Catalysis</i> , 2015 , 58, 971-976 | 2.3 | 8 |
| 45 | Metal/thermoplastic urethane hybrids in environmental exposure. <i>International Journal of Adhesion and Adhesives</i> , 2012 , 35, 21-26 | 3.4 | 8 |
| 44 | Characterisation of case-hardened gear steel by multiparameter Barkhausen noise measurements. <i>Insight: Non-Destructive Testing and Condition Monitoring</i> , 2009 , 51, 212-216 | 1.3 | 8 |
| 43 | AEM study of aluminum phosphate sealed plasma sprayed Al ₂ O ₃ and Cr ₂ O ₃ coatings. <i>Journal of Materials Science Letters</i> , 2003 , 22, 463-466 | | 8 |
| 42 | Automated Ultrasound-based Inspection of Rails: Review. <i>International Journal of Railway</i> , 2017 , 10, 21-29 | | 8 |
| 41 | Electron microscopic studies of natural gas oxidation catalyst [Effects of thermally accelerated aging on catalyst microstructure. <i>Journal of Catalysis</i> , 2017 , 349, 19-29 | 7.3 | 7 |
| 40 | The effect of test parameters on the impact resistance of a stainless steel/rubber/composite hybrid structure. <i>Composite Structures</i> , 2014 , 113, 469-475 | 5.3 | 7 |
| 39 | Characterisation of stainless steel surfaces [modified in air at 350°C. <i>Surface Engineering</i> , 2011 , 27, 325-336 | | 7 |
| 38 | Characterization of phosphorus poisoning on diesel exhaust gas catalyst components containing oxide and Pt. <i>Topics in Catalysis</i> , 2007 , 45, 153-157 | 2.3 | 7 |
| 37 | The effect of platinum on the reducibility of Rh oxides on Ce/Zr modified alumina supported automotive catalysts. <i>Surface and Interface Analysis</i> , 2004 , 36, 741-744 | 1.5 | 7 |
| 36 | Additive Manufactured 316L Stainless-Steel Samples: Microstructure, Residual Stress and Corrosion Characteristics after Post-Processing. <i>Metals</i> , 2021 , 11, 182 | 2.3 | 7 |
| 35 | Review of railway track applications of Barkhausen noise and other magnetic testing methods. <i>Insight: Non-Destructive Testing and Condition Monitoring</i> , 2014 , 56, 657-663 | 1.3 | 6 |
| 34 | Characterisation of novel regenerated cellulosic, viscose, and cotton fibres and the dyeing properties of fabrics. <i>Coloration Technology</i> , 2015 , 131, 396-402 | 2 | 6 |
| 33 | In vitro platelet activation, aggregation and platelet-granulocyte complex formation induced by surface modified single-walled carbon nanotubes. <i>Toxicology in Vitro</i> , 2015 , 29, 1132-9 | 3.6 | 6 |
| 32 | Aminofunctional silane layers for improved copper/polymer interface adhesion. <i>Journal of Materials Science</i> , 2011 , 46, 6618-6626 | 4.3 | 6 |
| 31 | Cracks and degradation layers in large flat-on-flat fretting contact with steels and cast iron. <i>Tribology International</i> , 2020 , 145, 106102 | 4.9 | 6 |
| 30 | The Impact of Sulphur, Phosphorus and their Co-effect on Pt/SiO ₂ /ZrO ₂ Diesel Oxidation Catalysts. <i>Topics in Catalysis</i> , 2017 , 60, 307-311 | 2.3 | 5 |

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| 29 | Case Depth Prediction of Nitrided Samples with Barkhausen Noise Measurement. <i>Metals</i> , 2019 , 9, 325 | 2.3 | 5 |
| 28 | Statistical Evaluation of Barkhausen Noise Testing (BNT) for Ground Samples. <i>Sensors</i> , 2019 , 19, | 3.8 | 5 |
| 27 | Characterization of Flame Cut Heavy Steel: Modeling of Temperature History and Residual Stress Formation. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2017 , 48, 2891-2901 | 2.5 | 5 |
| 26 | Detailed Barkhausen noise and microscopy characterization of Jominy end-quench test sample of CF53 steel. <i>Journal of Materials Science</i> , 2020 , 55, 4896-4909 | 4.3 | 5 |
| 25 | Microstructural Characteristics of Vehicle-Aged Heavy-Duty Diesel Oxidation Catalyst and Natural Gas Three-Way Catalyst. <i>Catalysts</i> , 2019 , 9, 137 | 4 | 4 |
| 24 | The Characterization of Flame Cut Heavy Steel □The Residual Stress Profiling of Heat Affected Surface Layer. <i>Key Engineering Materials</i> , 2016 , 674, 103-108 | 0.4 | 4 |
| 23 | Role of Steel Plate Thickness on the Residual Stress Formation and Cracking Behavior During Flame Cutting. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019 , 50, 4178-4192 | 2.3 | 4 |
| 22 | Utilization of frequency-domain information of Barkhausen noise signal in quantitative prediction of material properties 2014 , | | 4 |
| 21 | Case depth verification of hardened samples with Barkhausen noise sweeps 2014 , | | 4 |
| 20 | Influence of the elementary mixing scale on HVOF-sprayed coatings derived from nanostructured aluminosilicate/mullite feedstock. <i>Surface and Coatings Technology</i> , 2008 , 203, 335-344 | 4.4 | 4 |
| 19 | The effect of inferior turbinate surgery on ciliated epithelium: A randomized, blinded study. <i>Laryngoscope</i> , 2019 , 129, 18-24 | 3.6 | 4 |
| 18 | EFFECT OF ENVIRONMENT ON BROMOBUTYL RUBBER□STEEL ADHESION. <i>Rubber Chemistry and Technology</i> , 2020 , 93, 429-444 | 1.7 | 3 |
| 17 | The Influence of Phosphorus Exposure on a Natural-Gas-Oxidation Catalyst. <i>Topics in Catalysis</i> , 2016 , 59, 1044-1048 | 2.3 | 3 |
| 16 | The Effect of Sulphur and Water Treatments on the Performance of Pd/□Zeolite Diesel Oxidation Catalysts. <i>Topics in Catalysis</i> , 2011 , 54, 1185-1189 | 2.3 | 3 |
| 15 | Characterization of Pt-based oxidation catalyst □Deactivated simultaneously by sulfur and phosphorus. <i>Journal of Catalysis</i> , 2021 , 397, 183-191 | 7.3 | 3 |
| 14 | Coating of Silica and Titania Aerosol Nanoparticles by Silver Vapor Condensation. <i>Aerosol Science and Technology</i> , 2015 , 49, 767-776 | 3.4 | 2 |
| 13 | The effect of substrate pre-treatment on durability of rubber-stainless steel adhesion. <i>Surfaces and Interfaces</i> , 2020 , 21, 100646 | 4.1 | 2 |
| 12 | Prediction of Residual Stresses Using Partial Least Squares Regression on Barkhausen Noise Signals. <i>Journal of Nondestructive Evaluation</i> , 2013 , 33, 43 | 2.1 | 2 |

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| 11 | An Attempt to Find an Empirical Model between Barkhausen Noise and Stress. <i>Materials Science Forum</i> , 2013 , 768-769, 209-216 | 0.4 | 2 |
| 10 | Effect of Microstructural Characteristics of Thick Steel Plates on Residual Stress Formation and Cracking during Flame Cutting. <i>Materials Performance and Characterization</i> , 2018 , 7, 20170083 | 0.5 | 2 |
| 9 | Wear Reducing Effect of Embedded Quartz Abrasives in Crushing-Pin-on-Disc Procedure. <i>Tribology Online</i> , 2012 , 7, 179-183 | 0.9 | 2 |
| 8 | Cracking and Failure Characteristics of Flame Cut Thick Steel Plates. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2020 , 51, 1744-1754 | 2.3 | 1 |
| 7 | Surface Layer Characterization of Shot Peened Gear Specimens. <i>Materials Performance and Characterization</i> , 2018 , 7, 20170169 | 0.5 | 1 |
| 6 | PHASE-CHANGE MATERIAL: NATURAL RUBBER COMPOSITES FOR HEAT STORAGE APPLICATIONS. <i>Rubber Chemistry and Technology</i> , 2020 , 93, 208-221 | 1.7 | 1 |
| 5 | Mimicking Barkhausen noise measurement by in-situ transmission electron microscopy - effect of microstructural steel features on Barkhausen noise. <i>Acta Materialia</i> , 2021 , 221, 117378 | 8.4 | 1 |
| 4 | Effect of carbon nanotubes and nanodiamonds on the heat storage ability of natural rubber composites. <i>Journal of Elastomers and Plastics</i> , 2021 , 53, 311-322 | 1.6 | 0 |
| 3 | The Effect of Severe Shot Peening on Fatigue Life of Laser Powder Bed Fusion Manufactured 316L Stainless Steel. <i>Materials</i> , 2022 , 15, 3517 | 3.5 | 0 |
| 2 | The effect of carbon and nickel additions on the precursor synthesis of Cr ₃ C ₂ -Ni nanopowder. <i>Ceramics International</i> , 2018 , 44, 9338-9346 | 5.1 | |
| 1 | Fabrication of self-supporting structures made of washcoat materials (Al ₂ O ₃ -CeO ₂) by ceramic stereolithography: Towards digital manufacturing of enhanced catalytic converters. <i>Materials and Design</i> , 2021 , 210, 110115 | 8.1 | |