

# Jiri Matejicek

## List of Publications by Year in descending order

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127  
papers

4,026  
citations

186265

28  
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128  
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128  
docs citations

128  
times ranked

2868  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Recent progress in research on tungsten materials for nuclear fusion applications in Europe. Journal of Nuclear Materials, 2013, 432, 482-500.   | 2.7 | 610       |
| 2  | Role of thermal spray processing method on the microstructure, residual stress and properties of coatings: an integrated study for Ni-5 wt.%Al bond coats. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 364, 216-231.                   | 5.6 | 244       |
| 3  | The 2016 Thermal Spray Roadmap. Journal of Thermal Spray Technology, 2016, 25, 1376-1440.  | 3.1 | 243       |
| 4  | Substrate temperature effects on splat formation, microstructure development and properties of plasma sprayed coatings Part I: Case study for partially stabilized zirconia. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1999, 272, 181-188. | 5.6 | 171       |
| 5  | In situ measurement of residual stresses and elastic moduli in thermal sprayed coatings. Acta Materialia, 2003, 51, 863-872.   | 7.9 | 169       |
| 6  | Measurement of residual stress in plasma-sprayed metallic, ceramic and composite coatings. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1998, 257, 215-224.   | 5.6 | 149       |
| 7  | Oxide dispersion strengthened CoCrFeNiMn high-entropy alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 689, 252-256.   | 5.6 | 138       |
| 8  | Intrinsic residual stresses in single splats produced by thermal spray processes. Acta Materialia, 2001, 49, 1993-1999.  | 7.9 | 134       |
| 9  | In situ measurement of residual stresses and elastic moduli in thermal sprayed coatings. Acta Materialia, 2003, 51, 873-885.   | 7.9 | 124       |
| 10 | Quenching, thermal and residual stress in plasma sprayed deposits: NiCrAlY and YSZ coatings. Acta Materialia, 1999, 47, 607-617.   | 7.9 | 123       |
| 11 | Thermal Spray Coatings for Fusion Applications – Review. Journal of Thermal Spray Technology, 2007, 16, 64-83.   | 3.1 | 88        |
| 12 | Development of process maps for plasma spray: case study for molybdenum. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2003, 348, 54-66.   | 5.6 | 85        |
| 13 | Thermal and mechanical properties of cordierite, mullite and steatite produced by plasma spraying. Ceramics International, 2004, 30, 597-603.  | 4.8 | 85        |
| 14 | Substrate temperature effects on the splat formation, microstructure development and properties of plasma sprayed coatings. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1999, 272, 189-198.  | 5.6 | 78        |
| 15 | A brief summary of the progress on the EFDA tungsten materials program. Journal of Nuclear Materials, 2013, 442, S173-S180.  | 2.7 | 69        |
| 16 | X-ray Residual Stress Measurement in Metallic and Ceramic Plasma Sprayed Coatings. Journal of Thermal Spray Technology, 1998, 7, 489-496.  | 3.1 | 68        |
| 17 | Tensile properties of baseline and advanced tungsten grades for fusion applications. International Journal of Refractory Metals and Hard Materials, 2018, 75, 153-162.   | 3.8 | 61        |
| 18 | Non-Linear Mechanical Behavior of Plasma Sprayed Alumina Under Mechanical and Thermal Loading. Journal of Thermal Spray Technology, 2010, 19, 422-428.   | 3.1 | 50        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | The effect of high-flux H plasma exposure with simultaneous transient heat loads on tungsten surface damage and power handling. Nuclear Fusion, 2014, 54, 123010.  | 3.5 | 49        |
| 20 | Effects of neutron irradiation on glass ceramics as pressure-less joining materials for SiC based components for nuclear applications. Journal of Nuclear Materials, 2012, 429, 166-172.   | 2.7 | 48        |
| 21 | Alternative methods for determination of composition and porosity in abradable materials. Materials Characterization, 2006, 57, 17-29.   | 4.4 | 46        |
| 22 | Atmospheric plasma spraying of functionally graded steel/tungsten layers for the first wall of future fusion reactors. Surface and Coatings Technology, 2019, 366, 170-178.  | 4.8 | 44        |
| 23 | Compressive creep behavior of an oxide-dispersion-strengthened CoCrFeMnNi high-entropy alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2018, 732, 99-104.                   | 5.6 | 42        |
| 24 | Plasma sprayed tungsten-based coatings and their performance under fusion relevant conditions. Fusion Engineering and Design, 2005, 75-79, 395-399.  | 1.9 | 33        |
| 25 | Thermal Conductivity of $\text{Al}_2\text{O}_3\text{-ZrO}_2$ Composite Ceramics. Journal of the American Ceramic Society, 2011, 94, 4404-4409.   | 3.8 | 33        |
| 26 | Impact of probing volume from different mechanical measurement methods on elastic properties of thermally sprayed Ni-based coatings on a mesoscopic scale. Surface and Coatings Technology, 2006, 200, 2805-2820.                      | 4.8 | 32        |
| 27 | Overview of processing technologies for tungsten-steel composites and FGMs for fusion applications. Nukleonika, 2015, 60, 267-273.   | 0.8 | 30        |
| 28 | Medicine Meets Thermal Spray Technology: A Review of Patents. Journal of Thermal Spray Technology, 2018, 27, 1251-1279.  | 3.1 | 30        |
| 29 | The Influence of Interface Characteristics on the Adhesion/Cohesion of Plasma Sprayed Tungsten Coatings. Coatings, 2013, 3, 108-125.   | 2.6 | 28        |
| 30 | Microstructure and phase stability of W-Cr alloy prepared by spark plasma sintering. Fusion Engineering and Design, 2018, 127, 173-178.  | 1.9 | 28        |
| 31 | Aiming at understanding thermo-mechanical loads in the first wall of DEMO: Stress-strain evolution in a Eurofer-tungsten test component featuring a functionally graded interlayer. Fusion Engineering and Design, 2018, 135, 141-153. | 1.9 | 28        |
| 32 | Overview of challenges and developments in joining tungsten and steel for future fusion reactors. Physica Scripta, 2020, T171, 014028.   | 2.5 | 28        |
| 33 | The occurrence and damage of unipolar arcing on fuzzy tungsten. Journal of Nuclear Materials, 2015, 463, 303-307.  | 2.7 | 27        |
| 34 | Microstructure, mechanical properties, and adhesion in IN625 air plasma sprayed coatings. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 421, 77-85.                        | 5.6 | 25        |
| 35 | The Role of Spraying Parameters and Inert Gas Shrouding in Hybrid Water-Argon Plasma Spraying of Tungsten and Copper for Nuclear Fusion Applications. Journal of Thermal Spray Technology, 2013, 22, 744-755.                          | 3.1 | 25        |
| 36 | A contribution to understanding the results of instrumented indentation on thermal spray coatings – Case study on $\text{Al}_2\text{O}_3$ and stainless steel. Surface and Coatings Technology, 2014, 240, 243-249.                    | 4.8 | 25        |

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|----|--|-----|-----------|
| 37 | Assessment of mechanical properties of SPS-produced tungsten including effect of neutron irradiation. International Journal of Refractory Metals and Hard Materials, 2020, 89, 105207.   | 3.8 | 24        |
| 38 | Fatigue Behaviour and Crack Initiation in CoCrFeNiMn High-Entropy Alloy Processed by Powder Metallurgy. Metals, 2019, 9, 1110.   | 2.3 | 22        |
| 39 | In-situ observation of crack propagation in thermally sprayed coatings. Surface and Coatings Technology, 2010, 205, 1807-1811.   | 4.8 | 21        |
| 40 | Effect of high-flux H/He plasma exposure on tungsten damage due to transient heat loads. Journal of Nuclear Materials, 2015, 463, 198-201.   | 2.7 | 21        |
| 41 | Thermal Properties of Transparent Yb-Doped <sc>YAG</sc> Ceramics at Elevated Temperatures. Journal of the American Ceramic Society, 2014, 97, 2602-2606.   | 3.8 | 20        |
| 42 | Tungsten dust remobilization under steady-state and transient plasma conditions. Nuclear Materials and Energy, 2017, 12, 569-574.  | 1.3 | 20        |
| 43 | Tungsten-steel composites and FGMs prepared by argon-shrouded plasma spraying. Surface and Coatings Technology, 2021, 406, 126746.   | 4.8 | 20        |
| 44 | The influence of substrate temperature and spraying distance on the properties of plasma sprayed tungsten and steel coatings deposited in a shrouding chamber. Surface and Coatings Technology, 2017, 318, 217-223.                              | 4.8 | 19        |
| 45 | Porous alumina and zirconia ceramics with tailored thermal conductivity. Journal of Physics: Conference Series, 2012, 395, 012022.   | 0.4 | 18        |
| 46 | Application of resonant ultrasound spectroscopy to determine elastic constants of plasma-sprayed coatings with high internal friction. Surface and Coatings Technology, 2013, 232, 747-757.  | 4.8 | 18        |
| 47 | Residual stresses in cold-coiled helical compression springs for automotive suspensions measured by neutron diffraction. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2004, 367, 306-311. | 5.6 | 17        |
| 48 | Processing and temperature-dependent properties of plasma-sprayed tungsten-stainless steel composites. Physica Scripta, 2009, T138, 014041.  | 2.5 | 17        |
| 49 | The influence of substrate temperature on properties of APS and VPS W coatings. Surface and Coatings Technology, 2015, 268, 7-14.  | 4.8 | 17        |
| 50 | Application of Structure-Based Models of Mechanical and Thermal Properties on Plasma Sprayed Coatings. Journal of Thermal Spray Technology, 2012, 21, 372-382.   | 3.1 | 16        |
| 51 | W-steel and W-WC-steel composites and FGMs produced by hot pressing. Fusion Engineering and Design, 2015, 100, 364-370.  | 1.9 | 16        |
| 52 | Determination of the individual phase properties from the measured grid indentation data. Journal of Materials Research, 2016, 31, 3538-3548.  | 2.6 | 16        |
| 53 | Spark plasma sintered tungsten mechanical properties, irradiation effects and thermal shock performance. Journal of Nuclear Materials, 2020, 542, 152518.  | 2.7 | 16        |
| 54 | Residual stress in sprayed Ni+5%Al coatings determined by neutron diffraction. Applied Physics A: Materials Science and Processing, 2002, 74, s1692-s1694.   | 2.3 | 14        |

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|----|---|-----|-----------|
| 55 | ELM-induced arcing on tungsten fuzz in the COMPASS divertor region. <i>Journal of Nuclear Materials</i> , 2017, 492, 204-212.   | 2.7 | 14        |
| 56 | Thermal and Oxidation Behavior of CoCrFeMnNi Alloy with and Without Yttrium Oxide Particle Dispersion. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 5850-5859.                         | 2.5 | 14        |
| 57 | Characterization of less common nitrides as potential permeation barriers. <i>Fusion Engineering and Design</i> , 2019, 139, 74-80.   | 1.9 | 13        |
| 58 | Plastic deformation in advanced tungsten-based alloys for fusion applications studied by mechanical testing and TEM. <i>International Journal of Refractory Metals and Hard Materials</i> , 2021, 95, 105409. | 3.8 | 13        |
| 59 | On the relation between microstructure and elastic constants of tungsten/steel composites fabricated by spark plasma sintering. <i>Fusion Engineering and Design</i> , 2018, 133, 51-58.                      | 1.9 | 12        |
| 60 | The Role of Laser Texturing in Improving the Adhesion of Plasma Sprayed Tungsten Coatings. <i>Journal of Thermal Spray Technology</i> , 2019, 28, 1346-1362.  | 3.1 | 12        |
| 61 | Advanced Self-Passivating Alloys for an Application under Extreme Conditions. <i>Metals</i> , 2021, 11, 1255.   | 2.3 | 12        |
| 62 | Mechanical and Thermal Properties of Individual Phases Formed in Sintered Tungsten-Steel Composites. <i>Acta Physica Polonica A</i> , 2015, 128, 718-721.   | 0.5 | 12        |
| 63 | Plasma sprayed coatings for RF wave absorption. <i>Journal of Nuclear Materials</i> , 2002, 307-311, 1334-1338.   | 2.7 | 11        |
| 64 | Plasma Spraying of Copper by Hybrid Water-Gas DC Arc Plasma Torch. <i>Journal of Thermal Spray Technology</i> , 2011, 20, 760-774.  | 3.1 | 11        |
| 65 | Laser Remelting of Plasma-Sprayed Tungsten Coatings. <i>Journal of Thermal Spray Technology</i> , 2014, 23, 750-754.  | 3.1 | 11        |
| 66 | Heat loads on poloidal and toroidal edges of castellated plasma-facing components in COMPASS. <i>Nuclear Fusion</i> , 2018, 58, 066003.   | 3.5 | 11        |
| 67 | Interaction of powerful hot plasma and fast ion streams with materials in dense plasma focus devices. <i>Fusion Engineering and Design</i> , 2016, 113, 109-118.  | 1.9 | 10        |
| 68 | Laser re-melting of tungsten damaged by transient heat loads. <i>Nuclear Materials and Energy</i> , 2016, 9, 165-170.   | 1.3 | 10        |
| 69 | Copper-Tungsten Composites Sprayed by HVOF. <i>Journal of Thermal Spray Technology</i> , 2008, 17, 177-180.   | 3.1 | 9         |
| 70 | The influence of plasma sprayed multilayers of Cr <sub>2</sub> O <sub>3</sub> and Ni <sub>10</sub> wt%Al on fatigue resistance. <i>Surface and Coatings Technology</i> , 2014, 251, 143-150.                  | 4.8 | 9         |
| 71 | Evaluation of surface, microstructure and phase modifications on various tungsten grades induced by pulsed plasma loading. <i>Physica Scripta</i> , 2016, 91, 034003.   | 2.5 | 9         |
| 72 | Nano-hardness, EBSD analysis and mechanical behavior of ultra-fine grain tungsten for fusion applications as plasma facing material. <i>Surface and Coatings Technology</i> , 2018, 355, 252-258.             | 4.8 | 9         |

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|----|---|-----|-----------|
| 73 | Controlling the carbide formation and chromium depletion in W-Cr alloy during field assisted sintering. International Journal of Refractory Metals and Hard Materials, 2019, 79, 217-223.                   | 3.8 | 9         |
| 74 | Spraying of Metallic Powders by Hybrid Gas/Water Torch and the Effects of Inert Gas Shrouding. Journal of Thermal Spray Technology, 2012, 21, 695-705.  | 3.1 | 8         |
| 75 | On the Structural and Chemical Homogeneity of Spark Plasma Sintered Tungsten. Metals, 2019, 9, 879.   | 2.3 | 8         |
| 76 | Materials and processing factors influencing stress evolution and mechanical properties of plasma sprayed coatings. Surface and Coatings Technology, 2019, 371, 3-13.                                       | 4.8 | 8         |
| 77 | Through-Thickness Residual Stress Measurement by Neutron Diffraction in Cu+W Plasma Spray Coatings. Materials Science Forum, 0, 652, 50-56.   | 0.3 | 7         |
| 78 | Multiple-Approach Evaluation of WSP Coatings Adhesion/Cohesion Strength. Journal of Thermal Spray Technology, 2013, 22, 221-232.  | 3.1 | 7         |
| 79 | Elastic and Anelastic Behavior of TBCs Sprayed at High-Deposition Rates. Journal of Thermal Spray Technology, 2015, 24, 160.  | 3.1 | 7         |
| 80 | Fatigue Life of Layered Metallic and Ceramic Plasma Sprayed Coatings. , 2014, 3, 586-591.   |     | 7         |
| 81 | Evolution of carbon and oxygen concentration in tungsten prepared by field assisted sintering and its effect on ductility. International Journal of Refractory Metals and Hard Materials, 2021, 97, 105499. | 3.8 | 7         |
| 82 | Modelling and Neutron Diffraction Measurement of Stresses in Sprayed TBCs. , 2000, , .  |     | 7         |
| 83 | Overview of the COMPASS results <sup>*</sup> . Nuclear Fusion, 2022, 62, 042021.  | 3.5 | 7         |
| 84 | Manufacturing of W-steel joint using plasma sprayed graded W/steel-interlayer with current assisted diffusion bonding. Fusion Engineering and Design, 2021, 172, 112896.                                    | 1.9 | 7         |
| 85 | Measurement of Residual Stress in Plasma-Sprayed Composite Coatings with Graded and Uniform Compositions. Materials Science Forum, 1999, 308-311, 389-395.  | 0.3 | 6         |
| 86 | Methods of Increasing Thermal Conductivity of Plasma Sprayed Tungsten-Based Coatings. Advanced Materials Research, 0, 59, 82-86.  | 0.3 | 6         |
| 87 | Investigation of Indentation Parameters Near the Interface between Two Materials. Key Engineering Materials, 0, 662, 31-34.   | 0.4 | 5         |
| 88 | Plasma interaction with tungsten samples in the COMPASS tokamak in ohmic ELMy H-modes. Journal of Physics: Conference Series, 2016, 700, 012008.  | 0.4 | 5         |
| 89 | Interaction of candidate plasma facing materials with tokamak plasma in COMPASS. Journal of Nuclear Materials, 2017, 493, 102-119.  | 2.7 | 5         |
| 90 | Statistical treatment of grid indentation considering the effect of the interface and the microstructural length scale. Mechanics of Materials, 2019, 129, 99-103.  | 3.2 | 5         |

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|-----|--|-----|-----------|
| 91  | Phase, Composition and Structure Changes of CoCrNi-Based Concentrated Alloys Resulting from High Temperature Oxidation. <i>Materials</i> , 2020, 13, 2276.   | 2.9 | 5         |
| 92  | Tailoring the structure of RF-ICP tungsten coatings. <i>Surface and Coatings Technology</i> , 2021, 406, 126745.   | 4.8 | 5         |
| 93  | Development of Advanced Coatings for ITER and Future Fusion Devices. <i>Advances in Science and Technology</i> , 0, , .  | 0.2 | 4         |
| 94  | Residual Stresses and Young's Moduli of Plasma Sprayed W+Cu Composites and FGMs Determined by &lt;i>In Situ&lt;/i> Curvature Method. <i>Key Engineering Materials</i> , 0, 606, 151-154.                   | 0.4 | 4         |
| 95  | The Influence of Spraying Parameters on Stresses and Mechanical Properties of HVOF-Sprayed Co-Cr-W-C Coatings. <i>Key Engineering Materials</i> , 0, 606, 171-174.   | 0.4 | 4         |
| 96  | Heat load and deuterium plasma effects on SPS and WSP tungsten. <i>Nukleonika</i> , 2015, 60, 275-283.   | 0.8 | 4         |
| 97  | Some Issues in Relations between Microstructure and Indentation Measurements. <i>Solid State Phenomena</i> , 0, 258, 131-136.  | 0.3 | 4         |
| 98  | Behavior and microstructural changes in different tungsten-based materials under pulsed plasma loading. <i>Nuclear Materials and Energy</i> , 2016, 9, 123-127.  | 1.3 | 4         |
| 99  | Microstructural stability of spark-plasma-sintered W f /W composite with zirconia interface coating under high-heat-flux hydrogen beam irradiation. <i>Nuclear Materials and Energy</i> , 2017, 13, 74-80. | 1.3 | 4         |
| 100 | Response of fusion plasma-facing materials to nanosecond pulses of extreme ultraviolet radiation. <i>Laser and Particle Beams</i> , 2018, 36, 293-307.   | 1.0 | 3         |
| 101 | W + Cu and W + Ni Composites and FGMs Prepared by Plasma Transferred Arc Cladding. <i>Materials</i> , 2021, 14, 789.   | 2.9 | 3         |
| 102 | Irradiation-induced hardening in fusion relevant tungsten grades with different initial microstructures. <i>Physica Scripta</i> , 2021, 96, 124021.  | 2.5 | 3         |
| 103 | Approche statistique pour identifier les propriÃ©s mÃ©caniques des phases individuelles Ã partir de donnÃ©es d'indentation. <i>Materiaux Et Techniques</i> , 2017, 105, 105.                               | 0.9 | 3         |
| 104 | Processing Effects on Splat Formation, Microstructure and Quenching Stress in Plasma Sprayed Coatings. , 1998, , .   |     | 3         |
| 105 | Radiation damage evolution in pure W and W-Cr-Hf alloy caused by 5ÂMeV Au ions in a broad range of dpa. <i>Nuclear Materials and Energy</i> , 2021, 29, 101085.  | 1.3 | 3         |
| 106 | On the applicability of three and four parameter fits for analysis of swept embedded Langmuir probes in magnetised plasma. <i>Nuclear Fusion</i> , 0, , .  | 3.5 | 3         |
| 107 | Residual and Applied Stresses in Plasma Sprayed Cr<sub>2</sub>&lt;/sub>O<sub>3</sub> Coatings. <i>Materials Science Forum</i> , 2002, 404-407, 419-424.  | 0.3 | 2         |
| 108 | Stresses in plasma-sprayed Cr 2 O 3 coatings measured by neutron diffraction. <i>Applied Physics A: Materials Science and Processing</i> , 2002, 74, s1115-s1117.  | 2.3 | 2         |

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|-----|---|-----|-----------|
| 109 | Effect of Boriding Time on Microstructure and Residual Stresses in Borided Highly Alloyed X210CR12 Steel. Key Engineering Materials, 0, 606, 27-30.   | 0.4 | 2         |
| 110 | ELM-induced melting: assessment of shallow melt layer damage and the power handling capability of tungsten in a linear plasma device. Physica Scripta, 2014, T159, 014022.  | 2.5 | 2         |
| 111 | Numerical Model of Instrumented Indentation by a Rounded Cone Indenter Using Finite Element Method. Key Engineering Materials, 2014, 606, 73-76.  | 0.4 | 2         |
| 112 | Properties of Ultrafine-Grained Tungsten Prepared by Ball Milling and Spark Plasma Sintering. Applied Mechanics and Materials, 0, 821, 399-404.   | 0.2 | 2         |
| 113 | Dust remobilization experiments on the COMPASS tokamak. Fusion Engineering and Design, 2017, 124, 446-449.  | 1.9 | 2         |
| 114 | Fracture behaviour of the 14Cr ODS steel exposed to helium and liquid lead. Journal of Nuclear Materials, 2017, 490, 143-154.   | 2.7 | 2         |
| 115 | On the precision of absolute sensitivity calibration and specifics of spectroscopic quantities interpretation in tokamaks. Applied Optics, 2014, 53, 8123.  | 2.1 | 1         |
| 116 | Influence of Preheating Temperature on the Quality of the Interface between Plasma Sprayed Coatings and Substrate. Key Engineering Materials, 0, 606, 183-186.  | 0.4 | 1         |
| 117 | Behavior of W-based materials in hot helium gas. Nuclear Materials and Energy, 2016, 9, 405-410.  | 1.3 | 1         |
| 118 | THIN NITRIDE LAYERS AS PERMEATION BARRIERS. Acta Polytechnica CTU Proceedings, 2018, 17, 24.  | 0.3 | 1         |
| 119 | An ultrasonic study of relaxation processes in pure and mechanically alloyed tungsten. International Journal of Refractory Metals and Hard Materials, 2020, 90, 105233.   | 3.8 | 1         |
| 120 | The effect of the use of different electrode materials for edge-plasma biasing on plasma density and floating potential modifications. European Physical Journal D, 2005, 55, 1607-1614.  | 0.4 | 0         |
| 121 | Selected Patents Related to Thermal Spraying. Journal of Thermal Spray Technology, 2006, 15, 169-171.   | 3.1 | 0         |
| 122 | Selected Patents Related to Thermal Spraying. Journal of Thermal Spray Technology, 2006, 15, 317-319.   | 3.1 | 0         |
| 123 | Selected Patents Related to Thermal Spraying. Journal of Thermal Spray Technology, 2006, 15, 473-477.   | 3.1 | 0         |
| 124 | Effect of Neighboring Phase Properties on Measured Indentation Data. Defect and Diffusion Forum, 0, 368, 126-129.   | 0.4 | 0         |
| 125 | Results of interaction of XUV laser pulses of nanosecond duration with difficult-ablated-materials. , 2016, , .   |     | 0         |
| 126 | Ablation-erosion analyses of various fusion material surfaces and developments of surface erosion monitors for notification of fusion chamber maintenance times, as an example: Visible light transparent SiC and up-conversion phosphors applied to plasma facing surface structures, useful for versatile purposes to protect and diagnose fusion chambers and so on. , 2017, , . |     | 0         |



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|-----|---|----|-----------|
| 127 | Preparation of W-Cu composites by infiltration of W skeletons – review. , 2021, , . |    | 0         |