

Hryhoriy Nykyforchyn

List of Publications by Year in descending order

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140
papers

1,551
citations

304743

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docs citations

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times ranked

570
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Methodology of hydrogen embrittlement study of long-term operated natural gas distribution pipeline steels caused by hydrogen transport. <i>Frattura Ed Integrita Strutturale</i> , 2022, 16, 396-404. | 0.9 | 7 |
| 2 | Analysis of operational factors affecting the serviceability of seaport hoisting and transporting equipment. <i>Procedia Structural Integrity</i> , 2022, 41, 326-332. | 0.8 | 1 |
| 3 | Mechanical fabrication methods of nanostructured surfaces. , 2021, , 25-67. | | 3 |
| 4 | Assessment of Operational Degradation of Pipeline Steels. <i>Materials</i> , 2021, 14, 3247. | 2.9 | 23 |
| 5 | In-Service Degradation of Pipeline Steels. <i>Lecture Notes in Civil Engineering</i> , 2021, , 15-29. | 0.4 | 8 |
| 6 | Non-destructive evaluation of operated pipeline steel state taking into account degradation stage. <i>Procedia Structural Integrity</i> , 2020, 26, 219-224. | 0.8 | 5 |
| 7 | Role of hydrogen in operational degradation of pipeline steel. <i>Procedia Structural Integrity</i> , 2020, 28, 896-902. | 0.8 | 19 |
| 8 | Feature of stress corrosion cracking of degraded gas pipeline steels. <i>Procedia Structural Integrity</i> , 2019, 16, 153-160. | 0.8 | 22 |
| 9 | Laboratory method for simulating hydrogen assisted degradation of gas pipeline steels. <i>Procedia Structural Integrity</i> , 2019, 17, 568-575. | 0.8 | 7 |
| 10 | Non-destructive evaluation of brittle fracture resistance of operated gas pipeline steel using electrochemical fracture surface analysis. <i>Engineering Failure Analysis</i> , 2019, 104, 617-625. | 4.0 | 24 |
| 11 | Evaluation of impact toughness of gas pipeline steels under operation using electrochemical method. <i>Procedia Structural Integrity</i> , 2019, 22, 299-304. | 0.8 | 7 |
| 12 | Wear resistance of the surface nanocrystalline structure under an action of diethylene glycol medium. <i>Applied Nanoscience (Switzerland)</i> , 2019, 9, 1085-1090. | 3.1 | 7 |
| 13 | Mechanical analysis at different scales of gas pipelines. <i>Engineering Failure Analysis</i> , 2018, 90, 434-439. | 4.0 | 30 |
| 14 | Electrochemical fracture analysis of in-service natural gas pipeline steels. <i>Procedia Structural Integrity</i> , 2018, 13, 1215-1220. | 0.8 | 17 |
| 15 | Wear Resistance of Steels with Surface Nanocrystalline Structure Generated by Mechanical-Pulse Treatment. <i>Nanoscale Research Letters</i> , 2017, 12, 150. | 5.7 | 20 |
| 16 | Analysis and mechanical properties characterization of operated gas main elbow with hydrogen assisted large-scale delamination. <i>Engineering Failure Analysis</i> , 2017, 82, 364-377. | 4.0 | 37 |
| 17 | Evaluation of the Residual Life of a Pipe of Oil Pipeline with an External Surface Stress-Corrosion Crack for a Laminar Flow of Oil with Repeated Hydraulic Shocks. <i>Materials Science</i> , 2017, 53, 216-225. | 0.9 | 7 |
| 18 | Micro and macro mechanical analysis of gas pipeline steels. <i>Procedia Structural Integrity</i> , 2017, 5, 627-632. | 0.8 | 8 |

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|----|---|-----|-----------|
| 19 | Corrosion Degradation of Steel of an Elbow of Gas Pipeline with Large-Scale Delamination after Long-Term Operation. <i>Materials Science</i> , 2017, 52, 861-865. | 0.9 | 26 |
| 20 | Analysis of the Plasticity Characteristics of Progressively Drawn Pearlitic Steel Wires. <i>Materials Science</i> , 2016, 51, 514-519. | 0.9 | 5 |
| 21 | Stress corrosion cracking of gas pipeline steels of different strength. <i>Procedia Structural Integrity</i> , 2016, 2, 509-516. | 0.8 | 41 |
| 22 | Hydrogen assisted macrodelamination in gas lateral pipe. <i>Procedia Structural Integrity</i> , 2016, 2, 501-508. | 0.8 | 12 |
| 23 | Diagnostic Indications of the In-Service Degradation of the Pressure Regulator of a Gas-Transportation System. <i>Materials Science</i> , 2016, 52, 233-239. | 0.9 | 4 |
| 24 | Formation of Surface Corrosion-Resistant Nanocrystalline Structures on Steel. <i>Nanoscale Research Letters</i> , 2016, 11, 51. | 5.7 | 13 |
| 25 | Analysis of Long-Term in-Service Degradation of the Shukhov Tower Elements. <i>Strength of Materials</i> , 2015, 47, 679-688. | 0.5 | 4 |
| 26 | Fractographic Signs of the In-Service Degradation of Welded Joints of Oil Mains. <i>Materials Science</i> , 2015, 51, 165-171. | 0.9 | 11 |
| 27 | Hydrogen Permeability of the Surface Nanocrystalline Structures of Carbon Steel. <i>Materials Science</i> , 2015, 50, 698-705. | 0.9 | 9 |
| 28 | Brittle-Fracture Resistance of the Metal of Hyperboloid Gridshell Shukhov Tower. <i>Materials Science</i> , 2015, 50, 578-584. | 0.9 | 5 |
| 29 | Influence of Hydrogen on the Mechanical Properties of Steels with the Surface Nanostructure. <i>Springer Proceedings in Physics</i> , 2015, , 457-465. | 0.2 | 9 |
| 30 | Physical and Mechanical Properties of Surface Nanocrystalline Structures Generated by Severe Thermal-Plastic Deformation. <i>Springer Proceedings in Physics</i> , 2015, , 31-41. | 0.2 | 8 |
| 31 | Structure and Properties of the Steels of Hyperboloid Gridshell shukhovâ€™s Towers After Long-Term Operation. <i>Materials Science</i> , 2014, 49, 787-795. | 0.9 | 7 |
| 32 | Computer analysis of characteristic elements of fractographic images. <i>Materials Science</i> , 2013, 48, 474-481. | 0.9 | 42 |
| 33 | In-service degradation of 20Kh13 steel for blades of steam turbines of thermal power plants. <i>Materials Science</i> , 2012, 47, 447-456. | 0.9 | 7 |
| 34 | Assessment of the In-Service Degradation of Pipeline Steel by Destructive and Nondestructive Methods. <i>Materials Science</i> , 2012, 47, 583-589. | 0.9 | 16 |
| 35 | Evaluation of corrosion defects in oil pipelines based on the approaches of fracture mechanics. <i>Materials Science</i> , 2011, 46, 619-627. | 0.9 | 2 |
| 36 | Specific features of hydrogen-induced corrosion degradation of steels of gas and oil pipelines and oil storage reservoirs. <i>Materials Science</i> , 2011, 47, 127-136. | 0.9 | 43 |

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|----|--|-----|-----------|
| 37 | Evaluation of the influence of shutdowns of a technological process on changes in the in-service state of the metal of main steam pipelines of thermal power plants. <i>Materials Science</i> , 2010, 46, 177-189. | 0.9 | 32 |
| 38 | Environmentally assisted CO_2 -bulk steel degradation of long term service gas trunkline. <i>Engineering Failure Analysis</i> , 2010, 17, 624-632. | 4.0 | 83 |
| 39 | Effect of the long-term service of the gas pipeline on the properties of the ferrite-pearlite steel. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2009, 60, 716-725. | 1.5 | 46 |
| 40 | Degradation of a low-carbon steel in long operation in an oil-hydraulic unit. <i>Materials Science</i> , 2009, 45, 84-88. | 0.9 | 0 |
| 41 | Automated determination of grain geometry in an exploited steam-pipeline steel. <i>Materials Science</i> , 2009, 45, 350-357. | 0.9 | 10 |
| 42 | Effect of hydrogenation on the fracture mode of a reactor pressure-vessel steel. <i>Materials Science</i> , 2009, 45, 613-625. | 0.9 | 7 |
| 43 | Degradation of steels used in gas main pipelines during their 40-year operation. <i>Strength of Materials</i> , 2009, 41, 501-505. | 0.5 | 25 |
| 44 | Specific features of the in-service bulk degradation of structural steels under the action of corrosive media. <i>Strength of Materials</i> , 2009, 41, 651-663. | 0.5 | 5 |
| 45 | In-service degradation of gas trunk pipeline X52 steel. <i>Materials Science</i> , 2008, 44, 104. | 0.9 | 48 |
| 46 | Electrochemical evaluation of the in-service degradation of an aircraft aluminum alloy. <i>Materials Science</i> , 2008, 44, 254-259. | 0.9 | 6 |
| 47 | Evaluation of heat release in the process of pulsed mechanical hardening of titanium alloys. <i>Materials Science</i> , 2008, 44, 418-422. | 0.9 | 1 |
| 48 | Influence of operation of Kh52 steel on corrosion processes in a model solution of gas condensate. <i>Materials Science</i> , 2008, 44, 619-629. | 0.9 | 38 |
| 49 | Hydrogen degradation of steels under long-term in-service conditions. , 2008, , 349-361. | | 7 |
| 50 | Influence of electrolyte on corrosion properties of plasma electrolytic conversion coated magnesium alloys. <i>Surface and Coatings Technology</i> , 2007, 201, 8709-8714. | 4.8 | 92 |
| 51 | Abnormal manifestation of the high-temperature degradation of the weld metal of a low-alloy steel welded joint. <i>Materials Science</i> , 2007, 43, 77-84. | 0.9 | 25 |
| 52 | Hydrogen degradation of steels in gas mains after long periods of operation. <i>Materials Science</i> , 2007, 43, 708-717. | 0.9 | 27 |
| 53 | Plasma Electrolytic Oxidation of Arc-Sprayed Aluminum Coatings. <i>Journal of Thermal Spray Technology</i> , 2007, 16, 998-1004. | 3.1 | 26 |
| 54 | Production of conversion oxide-ceramic coatings on zirconium and titanium alloys. <i>Materials Science</i> , 2006, 42, 277-286. | 0.9 | 30 |

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|----|--|-----|-----------|
| 55 | Specific features of the influence of hydrogen on the properties and mechanism of fracture of the metal of welded joints of steam pipelines at thermal power plants. <i>Materials Science</i> , 2006, 42, 451-460. | 0.9 | 7 |
| 56 | Realization of synergism in 1-, 2-, 3-benzotriazole trimolybdate, tungstate, and chromate corrosion inhibitors. <i>Materials Science</i> , 2006, 42, 589-600. | 0.9 | 5 |
| 57 | Influence of process parameters on the corrosion properties of electrolytic conversion plasma coated magnesium alloys. <i>Surface and Coatings Technology</i> , 2005, 200, 68-72. | 4.8 | 84 |
| 58 | Electrochemical Properties of Steels in a Model Hydrogen Galvanic Couple. <i>Materials Science</i> , 2005, 41, 223-229. | 0.9 | 6 |
| 59 | Adsorption Effect in Corrosion Fracture Mechanics. <i>Materials Science</i> , 2005, 41, 295-303. | 0.9 | 0 |
| 60 | Electrochemical and Corrosion Properties of Hydrogenated 45 and 12KH18N10T Steels. <i>Materials Science</i> , 2005, 41, 508-519. | 0.9 | 3 |
| 61 | Estimation of Damage to the Collector of a Water Economizer by Thermal Fatigue Cracks. <i>Materials Science</i> , 2004, 40, 132-138. | 0.9 | 2 |
| 62 | Embrittlement of the steel of an oil-trunk pipeline. <i>Materials Science</i> , 2004, 40, 302-304. | 0.9 | 23 |
| 63 | Porosity and Corrosion Properties of Electrolyte Plasma Coatings on Magnesium Alloys. <i>Materials Science</i> , 2004, 40, 585-590. | 0.9 | 19 |
| 64 | Degradation of Welded Joints of Steam Pipelines of Thermal Electric Power Plants in Hydrogenating Media. <i>Materials Science</i> , 2004, 40, 836-843. | 0.9 | 12 |
| 65 | POROSITY AND CORROSION RESISTANCE OF PLASMA CONVERSION COATINGS ON MAGNESIUM ALLOYS. <i>High Temperature Material Processes</i> , 2004, 8, 635-643. | 0.6 | 0 |
| 66 | SYNTHESIS OF OXIDE-CERAMIC COATINGS ON MAGNESIUM ALLOYS AND THEIR CORROSION PROPERTIES. <i>High Temperature Material Processes</i> , 2003, 7, 6. | 0.6 | 4 |
| 67 | Corrosion Resistance of Pipe Steel in Oil-Water Media. <i>Materials Science</i> , 2002, 38, 424-429. | 0.9 | 21 |
| 68 | Title is missing!. <i>Materials Science</i> , 2002, 38, 471-483. | 0.9 | 3 |
| 69 | Wear Resistance of Mechanical-Pulse Treated 40Kh Steel during Abrasive Friction and Cavitation. <i>Materials Science</i> , 2002, 38, 873-879. | 0.9 | 4 |
| 70 | Title is missing!. <i>Materials Science</i> , 2001, 37, 782-789. | 0.9 | 0 |
| 71 | Influence of Hydrogen on the Formation of Fatigue Thresholds in Structural Steels. <i>Materials Science</i> , 2001, 37, 252-263. | 0.9 | 10 |
| 72 | Title is missing!. <i>Materials Science</i> , 2000, 36, 534-540. | 0.9 | 1 |

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|----|---|-----|-----------|
| 73 | Corrosion Symposia in Poland. Materials Science, 2000, 36, 943-944. | 0.9 | 0 |
| 74 | â€œPLAN-Eastâ€•International Project of the â€œInco-Copernicusâ€•Program. Materials Science, 2000, 36, 784-785. | 0.9 | 0 |
| 75 | Distinctive features of fatigue crack growth in 14Mo V63 pipe steel after service. Materials Science, 1999, 35, 381-388. | 0.9 | 1 |
| 76 | Percolation methods for the construction of curves of hydrogen-assisted corrosion of chromium-molybdenum steels. Materials Science, 1999, 35, 790-795. | 0.9 | 0 |
| 77 | Effect of high-temperature degradation of heat-resistant steel on the mechanical and fractographic characteristics of fatigue crack growth. Materials Science, 1999, 35, 499-508. | 0.9 | 12 |
| 78 | Evaluation of the rate of diffusion growth of voids with regard for the concentration of stresses in their vicinity. Materials Science, 1998, 34, 197-202. | 0.9 | 1 |
| 79 | Influence of hydrogenation on high-temperature corrosion fatigue of $\hat{1}\pm$ -titanium alloys. Materials Science, 1998, 34, 390-397. | 0.9 | 4 |
| 80 | Analytic evaluation of the pressure of methane in microvoids of 2.25Cr-1Mo steel subjected to hydrogen attack. Materials Science, 1998, 34, 512-520. | 0.9 | 0 |
| 81 | Effect of damage in service of 12Kh1MF steam-pipe steel on its crack resistance characteristics. Materials Science, 1998, 34, 110-114. | 0.9 | 18 |
| 82 | Structural steels surface modification by mechanical pulse treatment for corrosion protection and wear resistance. Surface and Coatings Technology, 1998, 100-101, 125-127. | 4.8 | 12 |
| 83 | Properties of synthesised oxide-ceramic coatings in electrolyte plasma on aluminium alloys. Surface and Coatings Technology, 1998, 100-101, 219-221. | 4.8 | 31 |
| 84 | Effect of hydrogen on the kinetics and mechanism of fatigue crack growth in structural steels. Materials Science, 1997, 33, 504-515. | 0.9 | 11 |
| 85 | Effect of pyrophosphate-polyphosphate inhibitors on the processes of corrosion and salt deposition in aqueous systems. Materials Science, 1997, 33, 346-357. | 0.9 | 2 |
| 86 | Some ambiguities in the experimental determination of the parameters of fracture mechanics. Materials Science, 1996, 32, 433-443. | 0.9 | 0 |
| 87 | Double influence of hydrogen on fatigue crack growth in heat-resistant steels. Materials Science, 1995, 30, 403-409. | 0.9 | 0 |
| 88 | Distinctive features of the effect of laser treatment on the corrosion-fatigue fracture of structural steel. Materials Science, 1995, 30, 653-662. | 0.9 | 1 |
| 89 | Computation model of corrosion-fatigue crack growth in thin metallic plates. Materials Science, 1995, 30, 25-30. | 0.9 | 2 |
| 90 | Spectral analysis of an electrolytic plasma in the process of synthesis of aluminum oxide. Materials Science, 1995, 30, 333-343. | 0.9 | 91 |

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|-----|--|-----|-----------|
| 91 | Influence of hydrogen on deformation and torsional fracture of high-strength steel. <i>Materials Science</i> , 1994, 29, 413-419. | 0.9 | 1 |
| 92 | A two-parameter damage criterion and high-temperature fatigue crack growth in a corrosion-resistant steel. <i>Soviet Materials Science</i> , 1991, 26, 497-505. | 0.0 | 0 |
| 93 | A crack growth criterion in research on cyclic cracking resistance in elevated-plasticity materials. <i>Soviet Materials Science</i> , 1990, 25, 560-564. | 0.0 | 0 |
| 94 | High-temperature cracking resistance in cast steel in reforming oven tubes. <i>Soviet Materials Science</i> , 1990, 26, 183-188. | 0.0 | 0 |
| 95 | A two-parameter failure criterion for fatigue-crack growth. <i>Soviet Materials Science</i> , 1990, 26, 43-49. | 0.0 | 1 |
| 96 | Role of the adsorption factor in reduction of the long-term static crack resistance of high-strength steel in gaseous media. <i>Soviet Materials Science</i> , 1988, 23, 357-361. | 0.0 | 0 |
| 97 | Mechanism of the effect of hydrogen on fatigue crack propagation in structural steels. <i>Soviet Materials Science</i> , 1988, 24, 244-246. | 0.0 | 1 |
| 98 | Mechanical situation at the tip of a corrosion-fatigue crack and the cyclic crack resistance of steels. <i>Soviet Materials Science</i> , 1988, 24, 105-114. | 0.0 | 3 |
| 99 | Adequate methods of evaluating the service properties of metals with allowance for cyclic loading and corrosion effects. <i>Strength of Materials</i> , 1988, 20, 275-279. | 0.5 | 0 |
| 100 | Principles of inhibiting of corrosion-static crack growth in constructional steels caused by hydrogen embrittlement. <i>Soviet Materials Science</i> , 1987, 23, 241-246. | 0.0 | 1 |
| 101 | The role of residual stresses and strain hardening in the change in corrosion-cyclic crack resistance of casing steels. <i>Soviet Materials Science</i> , 1987, 22, 386-395. | 0.0 | 3 |
| 102 | Cyclic crack resistance of constructional steels in gaseous hydrogen. <i>Soviet Materials Science</i> , 1987, 22, 439-450. | 0.0 | 5 |
| 103 | Effect of the geometry of the tip of the preinduced fatigue crack on the level of KI _{sc} . <i>Soviet Materials Science</i> , 1987, 22, 601-605. | 0.0 | 0 |
| 104 | Relationship of acoustic emission to the kinetics and micromechanism of fatigue failure of high-strength steel with a martensitic structure. <i>Soviet Materials Science</i> , 1987, 23, 156-160. | 0.0 | 3 |
| 105 | Influence of test temperature on the crack resistance of high-strength steels in corrosive media and after preliminary hydrogen impregnation. <i>Soviet Materials Science</i> , 1986, 22, 245-252. | 0.0 | 0 |
| 106 | Influence of the scale factor on the cyclic crack resistance of plastic steels in the low-amplitude area of loading. <i>Soviet Materials Science</i> , 1986, 21, 347-353. | 0.0 | 3 |
| 107 | Method features of evaluation of the cyclic crack resistance of constructional steels in gaseous media. <i>Soviet Materials Science</i> , 1986, 22, 184-187. | 0.0 | 0 |
| 108 | Cyclic crack resistance of an anticorrosion surfacing ? 15Kh2MFA steel joint. <i>Soviet Materials Science</i> , 1986, 21, 432-440. | 0.0 | 1 |

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|-----|---|-----|-----------|
| 109 | Threshold of corrosion-static crack resistance as a characteristic of the competitive capacity of different constructional alloys. Soviet Materials Science, 1985, 21, 118-129. | 0.0 | 0 |
| 110 | A new method of increasing the cyclic crack resistance of structural parts. Soviet Materials Science, 1985, 21, 191-193. | 0.0 | 1 |
| 111 | Structural sensitivity of the cyclic crack resistance of rotor steel in gaseous hydrogen. Soviet Materials Science, 1985, 20, 424-429. | 0.0 | 8 |
| 112 | Cyclic-corrosion crack resistance: Rules of the formation of thresholds and life capabilities of various structural alloys. Soviet Materials Science, 1985, 21, 195-207. | 0.0 | 5 |
| 113 | Influence of fatigue crack closure and geometry on the structural sensitivity of the near-threshold fatigue of steels. Soviet Materials Science, 1984, 20, 62-67. | 0.0 | 7 |
| 114 | Influence of corrosive medium composition on crack development in high-strength steel with a martensitic structure. Soviet Materials Science, 1984, 20, 91-97. | 0.0 | 1 |
| 115 | Crack geometry factor and the structural sensitivity of the corrosion crack resistance of low-alloy steels in long-term loading. Soviet Materials Science, 1984, 19, 373-381. | 0.0 | 0 |
| 116 | Static corrosion crack resistance of heat-resistant vessel steels and their weld joints. Soviet Materials Science, 1984, 20, 326-332. | 0.0 | 2 |
| 117 | Kinetics and mechanism of corrosion-fatigue crack growth in ferritic-pearlitic class steels. Soviet Materials Science, 1983, 19, 22-30. | 0.0 | 2 |
| 118 | Effect of crack closure and evaluation of the cyclic crack resistance of constructional alloys. Soviet Materials Science, 1983, 19, 212-225. | 0.0 | 22 |
| 119 | Conditions of invariance of corrosion crack resistance characteristics. Soviet Materials Science, 1982, 17, 219-227. | 0.0 | 4 |
| 120 | Two features in rating the corrosion crack resistance of constructional alloys. Soviet Materials Science, 1982, 18, 30-40. | 0.0 | 2 |
| 121 | The applicability of criteria of fracture mechanics for evaluating the hydrogen embrittlement of high-strength steels. Soviet Materials Science, 1981, 16, 532-537. | 0.0 | 3 |
| 122 | Factors in acceleration of crack growth during corrosion fatigue of high-strength steels. Soviet Materials Science, 1981, 16, 406-410. | 0.0 | 4 |
| 123 | Inhibitor protection of high-strength steels from corrosion cracking in the stage of crack propagation. Soviet Materials Science, 1981, 17, 42-49. | 0.0 | 4 |
| 124 | An effective hypothesis proposed for evaluating the effect of corrosive media on the cyclic crack resistance of metals and alloys. Soviet Materials Science, 1979, 14, 469-475. | 0.0 | 0 |
| 125 | Rating the crack resistance of structural steels. Soviet Materials Science, 1978, 14, 139-143. | 0.0 | 1 |
| 126 | An investigation of the j-integral method for rating the crack resistance of constructional materials (a review). Soviet Materials Science, 1978, 14, 296-308. | 0.0 | 3 |

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|-----|---|-----|-----------|
| 127 | Kinetic effects in the mechanics of delayed fracture of high-strength alloys. Soviet Materials Science, 1977, 12, 347-360. | 0.0 | 3 |
| 128 | Corrosion cracking of high-strength steel in antiplane strain. Soviet Materials Science, 1977, 13, 35-38. | 0.0 | 1 |
| 129 | Adsorption reduction of the crack resistance of steel in static loading. Soviet Materials Science, 1977, 12, 20-25. | 0.0 | 1 |
| 130 | Methodological aspects of determining fracture toughness of high-strength structural steels in operating media. Soviet Materials Science, 1976, 10, 555-560. | 0.0 | 0 |
| 131 | Installation for studying resistance of materials to cracking under prolonged loading in working environments. Soviet Materials Science, 1976, 11, 497-498. | 0.0 | 0 |
| 132 | Effect of aqueous medium on long-term crack stability of heat-hardened reinforcement. Soviet Materials Science, 1976, 11, 602-604. | 0.0 | 0 |
| 133 | Fracture toughness of high-strength bar reinforcement. Soviet Materials Science, 1976, 11, 696-700. | 0.0 | 0 |
| 134 | Fractographic investigations of the easing of crack propagation in hardened steels by water. Soviet Materials Science, 1976, 11, 143-148. | 0.0 | 0 |
| 135 | Effect of water and humidity on the crack resistance of structural steels with brief loading. Soviet Materials Science, 1975, 10, 13-15. | 0.0 | 0 |
| 136 | Simultaneous Reduction of Wear and Corrosion of Titanium, Magnesium and Zirconium Alloys by Surface Plasma Electrolytic Oxidation Treatment. Advanced Materials Research, 0, 38, 27-35. | 0.3 | 12 |
| 137 | Electrochemical Characteristics of PEO Treated Electric Arc Coatings on Lightweight Alloys. Advanced Materials Research, 0, 138, 55-62. | 0.3 | 1 |
| 138 | Fatigue Crack Growth Rates of S235 and S355 Steels after Friction Stir Processing. Materials Science Forum, 0, 726, 203-210. | 0.3 | 12 |
| 139 | Effect of Nanostructurisation of Structural Steels on its Wear Resistance and Hydrogen Embrittlement Resistance. Solid State Phenomena, 0, 225, 65-70. | 0.3 | 14 |
| 140 | Fatigue Characteristic of S355J2 Steel after Surface Frictional-Mechanical Treatment in Corrosive Environment. Solid State Phenomena, 0, 224, 21-26. | 0.3 | 0 |