

# Jiřák- Dvořák

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9853038/publications.pdf>

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18  
papers

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13  
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18  
times ranked

171  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Effect of severe plastic deformation on creep behaviour of a Ti-6Al-4V alloy. Journal of Materials Science, 2013, 48, 4789-4795.   | 3.7 | 30        |
| 2  | The Characteristics of Creep in Metallic Materials Processed by Severe Plastic Deformation. Materials Transactions, 2019, 60, 1506-1517.   | 1.2 | 23        |
| 3  | Microstructural Evolution and Mechanical Properties of High Purity Aluminium Processed by Equal-Channel Angular Pressing. Materials Transactions, 2008, 49, 15-19.   | 1.2 | 18        |
| 4  | Creep behaviour and life assessment of a cast nickel base superalloy MAR M247. High Temperature Materials and Processes, 2019, 38, 590-600.  | 1.4 | 17        |
| 5  | The Effect of Ultrafine-Grained Microstructure on Creep Behaviour of 9% Cr Steel. Materials, 2018, 11, 787.  | 2.9 | 15        |
| 6  | The influence of long-term annealing at room temperature on creep behaviour of ECAP-processed copper. Materials Letters, 2017, 188, 235-238.   | 2.6 | 11        |
| 7  | Effect of ultrafine-grained microstructure on creep behaviour in 304L austenitic steel. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 785, 139383. | 5.6 | 11        |
| 8  | Some factors affecting the creep behaviour of metallic materials processed by equal-channel angular pressing. International Journal of Materials Research, 2009, 100, 762-766.                                 | 0.3 | 10        |
| 9  | Effects of Grain Refinement and Predeformation Impact by Severe Plastic Deformation on Creep in P92 Martensitic Steel. Advanced Engineering Materials, 2020, 22, 1900448.                                      | 3.5 | 9         |
| 10 | Strain Rate Contribution due to Dynamic Recovery of Ultrafine-Grained Cu-Zr as Evidenced by Load Reductions during Quasi-Stationary Deformation at 0.5 Tm. Metals, 2019, 9, 1150.                              | 2.3 | 6         |
| 11 | The Effect of Predeformation on Creep Strength of 9% Cr Steel. Materials, 2020, 13, 5330.  | 2.9 | 6         |
| 12 | Structural Factors Inducing Cracking of Brass Fittings. Materials, 2021, 14, 3255.   | 2.9 | 5         |
| 13 | Influence of High Pressure Sliding and Rotary Swaging on Creep Behavior of P92 Steel at 500 °C. Metals, 2021, 11, 2044.  | 2.3 | 5         |
| 14 | Creep Resistance of S304H Austenitic Steel Processed by High-Pressure Sliding. Materials, 2022, 15, 331.   | 2.9 | 4         |
| 15 | Creep Behaviour of Pure Aluminium Processed by Equal-Channel Angular Pressing. , 2005, , 200-206.  |     | 2         |
| 16 | Quasi-Stationary Strength of ECAP-Processed Cu-Zr at 0.5Tm. Metals, 2019, 9, 1149.   | 2.3 | 2         |
| 17 | Influence of Cryo-Processing and Post-SPD Annealing on Creep Behavior of CP Titanium. Materials, 2022, 15, 1646.   | 2.9 | 1         |
| 18 | In situ study of thermally activated flow and dynamic restoration of ultrafine-grained pure Cu at 373 K. Journal of Materials Research, 2017, 32, 4514-4521.   | 2.6 | 0         |