

# Yoichi Takizawa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7238214/publications.pdf>

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9  
papers

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1163117  
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#	ARTICLE	IF	CITATIONS
1	Severe Plastic Deformation under High Pressure: Upsizing Sample Dimensions. <i>Materials Transactions</i> , 2020, 61, 1177-1190.	1.2	47
2	Scaling up of High-Pressure Sliding (HPS) for Grain Refinement and Superplasticity. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2016, 47, 4669-4681.	2.2	44
3	Incremental Feeding High-Pressure Sliding for Grain Refinement of Large-Scale Sheets: Application to Inconel 718. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2018, 49, 1830-1840.	2.2	31
4	Multi-pass high-pressure sliding (MP-HPS) for grain refinement and superplasticity in metallic round rods. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 748, 108-118.	5.6	22
5	Mechanical properties and electrical conductivity of ultrafine-grained aluminum consolidated by high-pressure sliding. <i>Materialia</i> , 2020, 14, 100916.	2.7	11
6	Grain refinement and superplasticity of pipes processed by high-pressure sliding. <i>Materials Science and Technology</i> , 2020, 36, 877-886.	1.6	11
7	Combination of High-Pressure Torsion with Incremental Feeding for Upsizing Sample. <i>Materials Transactions</i> , 2018, 59, 1009-1012.	1.2	11
8	Achieving Superplasticity of Ultrafine-Grained Rod-Like AZ61 Alloy Using High-Pressure Sliding. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 2015, 80, 128-133.	0.4	10
9	Homogeneous Strain Introduction Using Reciprocation Technique in High-Pressure Sliding. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2021, 52, 3860-3870.	2.2	1