

# Jonas Kristoffer Sunde

## List of Publications by Year in descending order

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14  
papers

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citations

1040056

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1199594

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docs citations

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times ranked

179  
citing authors

#	ARTICLE	IF	CITATIONS
1	The evolution of precipitate crystal structures in an Al-Mg-Si(-Cu) alloy studied by a combined HAADF-STEM and SPED approach. <i>Materials Characterization</i> , 2018, 142, 458-469.	4.4	68
2	The effect of low Cu additions on precipitate crystal structures in overaged Al-Mg-Si(-Cu) alloys. <i>Materials Characterization</i> , 2020, 160, 110087.	4.4	64
3	Crystallographic relationships of T/S-phase aggregates in an Al-Cu-Mg-Ag alloy. <i>Acta Materialia</i> , 2019, 166, 587-596.	7.9	35
4	Linking mechanical properties to precipitate microstructure in three Al-Mg-Si(-Cu) alloys. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 807, 140862.	5.6	33
5	On the microstructural origins of improvements in conductivity by heavy deformation and ageing of Al-Mg-Si alloy 6101. <i>Materials Characterization</i> , 2021, 176, 111073.	4.4	17
6	The effect of heavy deformation on the precipitation in an Al-1.3Cu-1.0Mg-0.4Si wt.% alloy. <i>Materials and Design</i> , 2020, 186, 108203.	7.0	16
7	An improved modelling framework for strength and work hardening of precipitate strengthened Al-Mg-Si alloys. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 832, 142500.	5.6	15
8	Effects of confinement pressure on the mechanical behavior of an oil well cement paste. <i>Journal of Petroleum Science and Engineering</i> , 2022, 208, 109769.	4.2	14
9	<i>In situ</i> heating TEM observations of evolving nanoscale Al-Mg-Si-Cu precipitates. <i>Journal of Microscopy</i> , 2020, 279, 143-147.	1.8	11
10	Enhanced Mechanical Properties in 6082 Aluminum Alloy Processed by Cyclic Deformation. <i>Metals</i> , 2021, 11, 1735.	2.3	7
11	Restoration of annular zonal isolation using localized casing expansion (LCE) technology: Treatment of near-horizontal test sections containing a free-water channel. <i>Journal of Petroleum Science and Engineering</i> , 2022, 208, 109792.	4.2	7
12	Scanning Precession Electron Diffraction to aid Aluminum Alloy Development. <i>Microscopy and Microanalysis</i> , 2019, 25, 1920-1921.	0.4	2
13	Scanning Precession Electron Diffraction Study of Hybrid Precipitates in a 6xxx Series Aluminium Alloy. <i>Microscopy and Microanalysis</i> , 2017, 23, 114-115.	0.4	0
14	2aB_SS2-1 Scanning precession electron diffraction used to determine precipitate microstructure and its evolution during aging in Al-Mg-Si(-Cu) alloys. <i>Microscopy (Oxford, England)</i> , 2018, 67, i17-i17.	1.5	0