

# Daniel RÃ¶hrens

## List of Publications by Year in descending order

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11  
papers

301  
citations

1307594

7  
h-index

1281871

11  
g-index

11  
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11  
docs citations

11  
times ranked

490  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructures and Mechanical Properties of Hybrid, Additively Manufactured Ti6Al4V after Thermomechanical Processing. <i>Materials</i> , 2021, 14, 1039.	2.9	6
2	Phase Equilibria in the Al-Co-Cr-Fe-Ni High Entropy Alloy System: Thermodynamic Description and Experimental Study. <i>Frontiers in Materials</i> , 2020, 7, .	2.4	29
3	Microstructure and Mechanical Properties of BCC-FCC Eutectics in Ternary, Quaternary and Quinary Alloys From the Al-Co-Cr-Fe-Ni System. <i>Frontiers in Materials</i> , 2020, 7, .	2.4	10
4	Anisotropic sintering behavior of freeze-cast ceramics by optical dilatometry and discrete-element simulations. <i>Acta Materialia</i> , 2018, 155, 343-349.	7.9	24
5	High Performance (La,Sr)(Co,Fe)O <sub>3</sub> Cathodes with Improved Adherence for Metal-Supported Fuel Cells. <i>ECS Transactions</i> , 2017, 78, 709-715.	0.5	3
6	Operation of Thin-Film Electrolyte Metal-Supported Solid Oxide Fuel Cells in Lightweight and Stationary Stacks: Material and Microstructural Aspects. <i>Materials</i> , 2016, 9, 762.	2.9	11
7	Characterization of the Contact Resistance of Cathodic SOFC Contacting. <i>ECS Transactions</i> , 2015, 68, 751-756.	0.5	3
8	Advances beyond traditional SOFC cell designs. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 11538-11542.	7.1	20
9	Optimizing the transfer of [18F]fluoride from aqueous to organic solvents by electrodeposition using carbon electrodes. <i>Applied Radiation and Isotopes</i> , 2014, 91, 1-7.	1.5	5
10	A kinetic study of the decomposition of the cubic perovskite-type oxide Ba <sub>x</sub> Sr <sub>1-x</sub> Co <sub>0.8</sub> Fe <sub>0.2</sub> O <sub>3-<math>\delta</math></sub> (BSCF) (x = 0.1 and 0.5). <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 10320.	2.8	157
11	Thermodynamics, structure and kinetics in the system Ga-O-N. <i>Progress in Solid State Chemistry</i> , 2009, 37, 132-152.	7.2	33