

# Dependence of the Electrical Conductivity and Thermoelectric Power of Aluminum-Doped Rutile on Equilibrium Oxygen Pressure

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Citation Report

#	ARTICLE		IF	CITATIONS
1	The temperature variation of electronic mobility in rutile ( $TiO_2$ ) and $\beta-Nb_2O_5$ at elevated temperatures. Journal of Physics and Chemistry of Solids, 1964, 25, 881-887.	4.0	11	
2	On electrical conduction in reduced rutile. Physica, 1964, 30, 1667-1669.	0.9	9	
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4	Oxygen Vacancies and Electrical Conduction in Metal Oxides. Physical Review, 1964, 133, A1431-A1436.	2.7	85	
6	Electrical Conductivity of Single and Polycrystalline Near-Stoichiometric Rutile in the Range 600°C to 1400°C. Journal of the American Ceramic Society, 1965, 48, 623-627.	3.8	40	
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17	Formation of point defects in strontium titanate. Journal of Physics and Chemistry of Solids, 1967, 28, 239-244.	4.0	120	
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60	High temperature nonstoichiometric rutile $TiO_2 \sim x$ . <i>Progress in Solid State Chemistry</i> , 1987, 17, 263-293.	7.2	84
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120	the $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle mml:mrow \rangle \langle mml:msub \rangle \langle mml:mrow \rangle \langle mml:mtext \rangle TiO \langle /mml:mtext \rangle \langle /mml:mrow \rangle \langle mml:mn \rangle 2 \langle /mml:mn \rangle \langle /mml:math \rangle$ Physical Review B, 2010, 82, .	3.2	193
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160	Understanding the fundamentals of TiO <sub>2</sub> surfaces. Part I. The influence of defect states on the correlation between crystallographic structure, electronic structure and physical properties of single-crystal surfaces. Surface Engineering, 2022, 38, 91-149.	2.2	5