

# Mohd Sobri Idris

## List of Publications by Year in descending order

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33  
papers

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1040056

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Impedance and Equivalent Circuit Analysis of Li <sub>7</sub> La <sub>3</sub> Zr <sub>1.5</sub> Sn <sub>0.5</sub> O <sub>12</sub> Ceramics. Journal of Electronic Materials, 2022, 51, 718-726.	2.2	0
2	Effect of sintering temperature on the dielectric, impedance and piezoelectric properties of Ba <sub>0.85</sub> Ca <sub>0.15</sub> Ti <sub>0.90</sub> Sn <sub>0.09</sub> Zr <sub>0.01</sub> O <sub>3</sub> ceramics. Applied Physics A: Materials Science and Processing, 2022, 128, .	2.3	2
3	The effects of Ca, Zr and Sn substitutions into a ternary system of BaTiO <sub>3</sub> –BaSnO <sub>3</sub> –BaZrO <sub>3</sub> towards its dielectric and piezoelectric properties: a review. Journal of Materials Science: Materials in Electronics, 2021, 32, 12771-12783.	2.2	13
4	Impedance and modulus spectroscopy of polycrystalline Ba <sub>0.9995</sub> La <sub>0.0005</sub> TiO <sub>3</sub> for multilayer ceramic capacitor. AIP Conference Proceedings, 2021, , .	0.4	0
5	The dielectric behaviour of Ba(Sn <sub>0.05</sub> Zr <sub>0.01</sub> Ti <sub>0.94</sub> )O <sub>3</sub> ceramic by impedance spectroscopy analysis. AIP Conference Proceedings, 2021, , .	0.4	1
6	Effect of sintering temperature on (Ba <sub>0.85</sub> Ca <sub>0.15</sub> )(Sn <sub>x</sub> Zr <sub>0.1-x</sub> Ti <sub>0.9</sub> )O <sub>3</sub> for piezoelectric energy harvesting applications. Ceramics International, 2021, 47, 13107-13117.	4.8	15
7	Influence of Heating Temperature on Structure, Morphology and Electrochemical Performance of LiV <sub>3</sub> O <sub>8</sub> Cathode for Lithium-Ion Batteries Application. Materials Science Forum, 2020, 1010, 314-320.	0.3	0
8	Structure refinement and impedance analysis of Ba <sub>0.85</sub> Ca <sub>0.15</sub> Zr <sub>0.10</sub> Ti <sub>0.90</sub> O <sub>3</sub> ceramics sintered in air and nitrogen. Journal of Materials Science: Materials in Electronics, 2019, 30, 20673-20686.	2.2	19
9	Enhancing the dielectric properties of (Ba <sub>0.85</sub> Ca <sub>0.15</sub> )(Sn <sub>x</sub> Zr <sub>0.10-x</sub> Ti <sub>0.90</sub> )O <sub>3</sub> lead-free ceramics by stannum substitution. Journal of Materials Science: Materials in Electronics, 2019, 30, 20654-20664.	2.2	22
10	Giant anomalous dielectric behaviour of BaSnO <sub>3</sub> at high temperature. Journal of Materials Science: Materials in Electronics, 2019, 30, 7514-7523.	2.2	24
11	Structure and electrical properties of solid solution Li[Ni <sub>0.5</sub> Mn <sub>0.5</sub> ] <sub>1-x</sub> CoxPO <sub>4</sub> (1 ≤ x ≤ 0). Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2019, 241, 55-65.	3.5	9
12	Structural and electrical properties of Barium Titanate (BaTiO <sub>3</sub> ) and Neodymium doped BaTiO <sub>3</sub> (Ba <sub>0.995</sub> Nd <sub>0.005</sub> TiO <sub>3</sub> ). EPJ Web of Conferences, 2017, 162, 01050.	0.3	6
13	Physical and electrical properties of SrTiO <sub>3</sub> and SrZrO <sub>3</sub> . EPJ Web of Conferences, 2017, 162, 01052.	0.3	29
14	Dielectric and microstructural properties of BaTiO <sub>3</sub> and Ba <sub>0.9925</sub> Er <sub>0.0075</sub> TiO <sub>3</sub> ceramics. EPJ Web of Conferences, 2017, 162, 01051.	0.3	13
15	Structure and electrochemical properties of Zn and Co dual-doped (Li <sub>2</sub> Co <sub>1-x</sub> Zn <sub>x</sub> Mn <sub>3</sub> O <sub>8</sub> ) as cathode material for rechargeable lithium-ion batteries. EPJ Web of Conferences, 2017, 162, 01053.	0.3	3
16	Structural and electrical properties of Li <sub>2</sub> AlMn <sub>3</sub> O <sub>8</sub> . EPJ Web of Conferences, 2017, 162, 01054.	0.3	1
17	Structure refinement of Ba <sub>0.5</sub> Sr <sub>0.5</sub> Co <sub>0.8</sub> Fe <sub>0.2</sub> O <sub>3-d</sub> as cathode materials for intermediate temperature solid oxide fuel cells (IT-SOFC). AIP Conference Proceedings, 2016, , .	0.4	3
18	Review on dielectric properties of rare earth doped barium titanate. AIP Conference Proceedings, 2016, , .	0.4	17

#	ARTICLE	IF	CITATIONS
19	Characterisation of Cation Ordering in Layered Rock-Salt $\text{LiNi}_{1/3}\text{Mn}_{1/3}\text{Co}_{1/3}\text{O}_2$ Cathode Material for Lithium Ion Batteries. Materials Science Forum, 2015, 819, 179-184.	0.3	1
20	Structure and electrochemical behaviour of $\text{LiNi}_0.4\text{Mn}_0.4\text{Co}_0.2\text{O}_2$ as cathode material for lithium ion batteries. Solid State Ionics, 2015, 278, 43-48.	2.7	20
21	Studied on Structural Characterization of Lanthanum Doped Barium Titanium Ceramics. Materials Science Forum, 2015, 819, 198-203.	0.3	2
22	Review on Preparation and Properties of High-K Dielectric Material Based on Lanthanum Doped Barium Titanate. Materials Science Forum, 2015, 819, 173-178.	0.3	9
23	Determination of Interlayer Mixing and Oxygen Non-Stoichiometry in $\text{LiNi}_{0.8}\text{Mn}_{0.1}\text{Co}_{0.1}\text{O}_2$ Using Powder Diffraction Data. Advanced Materials Research, 2013, 795, 464-468.	0.3	5
24	Comparative Characterization of Clinker $\text{C}_2\text{S}$ Microstructure at Different Temperature Zone during Cement Production. American Journal of Applied Sciences, 2007, 4, 543-546.	0.2	2
25	Comparative Study of Clinker $\text{C}_2\text{S}$ Transformation at Different Temperature Zone During Cement Production. American Journal of Applied Sciences, 2007, 4, 328-332.	0.2	3
26	The Existing of Oxygen Nonstoichiometry in Complex Lithium Oxides. Advanced Materials Research, 0, 795, 438-440.	0.3	5
27	Dielectric Properties of Barium Titanate with Different Stoichiometry. Advanced Materials Research, 0, 795, 500-504.	0.3	1
28	Ferroelectric and Relaxor Ferroelectric to Paraelectric Transition Based on Lead Magnesium Niobate (PMN) Materials. Advanced Materials Research, 0, 795, 658-663.	0.3	5
29	Electrical Properties of Fresnoite $\text{Ba}_2\text{TiSi}_2\text{O}_8$ ; Using Impedance Spectroscopy. Advanced Materials Research, 0, 795, 640-643.	0.3	19
30	Structure Refinement Strategy of Li-Based Complex Oxides Using GSAS-EXPGUI Software Package. Advanced Materials Research, 0, 795, 479-482.	0.3	35
31	Structure and Electrical Characteristics of $\text{BaTiO}_3$ and $\text{Ba}_{0.99}\text{Er}_{0.01}\text{TiO}_3$ ; Ceramics. Solid State Phenomena, 0, 280, 127-133.	0.3	8
32	Microwave and Electrical Properties of Zr-Doped $\text{SrTiO}_3$ for Dielectric Resonator Antenna Application. Solid State Phenomena, 0, 280, 142-148.	0.3	7
33	Comparison of Structural and Electrical Behaviour of Phospho-Olivine $\text{LiNiPO}_4$ and $\text{LiNi}_{0.8}\text{Mn}_{0.1}\text{Co}_{0.1}\text{PO}_4$ for High Voltage Rechargeable Li-Ion Batteries. Solid State Phenomena, 0, 280, 50-57.	0.3	2