

# Mohd Sobri Idris

## List of Publications by Year in descending order

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33  
papers

301  
citations

1040056

9  
h-index

1125743

13  
g-index

33  
all docs

33  
docs citations

33  
times ranked

200  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure Refinement Strategy of Li-Based Complex Oxides Using GSAS-EXPGUI Software Package. <i>Advanced Materials Research</i> , 0, 795, 479-482.	0.3	35
2	Physical and electrical properties of SrTiO <sub>3</sub> and SrZrO <sub>3</sub> . <i>EPJ Web of Conferences</i> , 2017, 162, 01052.	0.3	29
3	Giant anomalous dielectric behaviour of BaSnO <sub>3</sub> at high temperature. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 7514-7523.	2.2	24
4	Enhancing the dielectric properties of (Ba <sub>0.85</sub> Ca <sub>0.15</sub> )(Sn <sub>x</sub> Zr <sub>0.10</sub> <sup>x</sup> Ti <sub>0.90</sub> )O <sub>3</sub> lead-free ceramics by stannum substitution. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 20654-20664.	2.2	22
5	Structure and electrochemical behaviour of LiNi <sub>0.4</sub> Mn <sub>0.4</sub> Co <sub>0.2</sub> O <sub>2</sub> as cathode material for lithium ion batteries. <i>Solid State Ionics</i> , 2015, 278, 43-48.	2.7	20
6	Electrical Properties of Fresnoite Ba <sub>2</sub> Ti <sub>2</sub> O <sub>8</sub> Using Impedance Spectroscopy. <i>Advanced Materials Research</i> , 0, 795, 640-643.	0.3	19
7	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. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 20673-20686.	2.2	19
8	Review on dielectric properties of rare earth doped barium titanate. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	17
9	Effect of sintering temperature on (Ba <sub>0.85</sub> Ca <sub>0.15</sub> ) (Sn <sub>x</sub> Zr <sub>0.1</sub> -xTi <sub>0.9</sub> )O <sub>3</sub> for piezoelectric energy harvesting applications. <i>Ceramics International</i> , 2021, 47, 13107-13117.	4.8	15
10	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. <i>EPJ Web of Conferences</i> , 2017, 162, 01051.	0.3	13
11	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. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 12771-12783.	2.2	13
12	Review on Preparation and Properties of High-K Dielectric Material Based on Lanthanum Doped Barium Titanate. <i>Materials Science Forum</i> , 2015, 819, 173-178.	0.3	9
13	Structure and electrical properties of solid solution Li[Ni <sub>0.5</sub> Mn <sub>0.5</sub> ] <sup>x</sup> Co <sub>x</sub> PO <sub>4</sub> (1 ≤ x ≤ 0). <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2019, 241, 55-65.	3.5	9
14	Structure and Electrical Characteristics of BaTiO <sub>3</sub> and Ba <sub>0.99</sub> Er <sub>0.01</sub> TiO <sub>3</sub> ; <i>Ceramics. Solid State Phenomena</i> , 0, 280, 127-133.	0.3	8
15	Microwave and Electrical Properties of Zr-Doped SrTiO <sub>3</sub> for Dielectric Resonator Antenna Application. <i>Solid State Phenomena</i> , 0, 280, 142-148.	0.3	7
16	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> ). <i>EPJ Web of Conferences</i> , 2017, 162, 01050.	0.3	6
17	Determination of Interlayer Mixing and Oxygen Non-Stoichiometry in LiNi <sub>0.8</sub> Mn <sub>0.1</sub> Co <sub>0.1</sub> O <sub>2</sub> Using Powder Diffraction Data. <i>Advanced Materials Research</i> , 2013, 795, 464-468.	0.3	5
18	The Existing of Oxygen Nonstoichiometry in Complex Lithium Oxides. <i>Advanced Materials Research</i> , 0, 795, 438-440.	0.3	5

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19	Ferroelectric and Relaxor Ferroelectric to Paraelectric Transition Based on Lead Magnesium Niobate (PMN) Materials. <i>Advanced Materials Research</i> , 0, 795, 658-663.	0.3	5
20	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). <i>AIP Conference Proceedings</i> , 2016, , .	0.4	3
21	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. <i>EPJ Web of Conferences</i> , 2017, 162, 01053.	0.3	3
22	Comparative Study of Clinker's Transformation at Different Temperature Zone During Cement Production. <i>American Journal of Applied Sciences</i> , 2007, 4, 328-332.	0.2	3
23	Comparative Characterization of Clinker's Microstructure at Different Temperature Zone during Cement Production. <i>American Journal of Applied Sciences</i> , 2007, 4, 543-546.	0.2	2
24	Studied on Structural Characterization of Lanthanum Doped Barium Titanium Ceramics. <i>Materials Science Forum</i> , 2015, 819, 198-203.	0.3	2
25	Comparison of Structural and Electrical Behaviour of Phospho-Olivine LiNiPO <sub>4</sub> and LiNi <sub>0.8</sub> Mn <sub>0.1</sub> Co <sub>0.1</sub> PO <sub>4</sub> for High Voltage Rechargeable Li-Ion Batteries. <i>Solid State Phenomena</i> . 0. 280. 50-57.	0.3	2
26	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. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, .	2.3	2
27	Dielectric Properties of Barium Titanate with Different Stoichiometry. <i>Advanced Materials Research</i> , 0, 795, 500-504.	0.3	1
28	Characterisation of Cation Ordering in Layered Rock-Salt LiNi <sub>1/3</sub> Mn <sub>1/3</sub> Co <sub>1/3</sub> O <sub>2</sub> Cathode Material for Lithium Ion Batteries. <i>Materials Science Forum</i> , 2015, 819, 179-184.	0.3	1
29	Structural and electrical properties of Li <sub>2</sub> AlMn <sub>3</sub> O <sub>8</sub> . <i>EPJ Web of Conferences</i> , 2017, 162, 01054.	0.3	1
30	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. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	1
31	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. <i>Materials Science Forum</i> , 2020, 1010, 314-320.	0.3	0
32	Impedance and modulus spectroscopy of polycrystalline Ba <sub>0.9995</sub> La <sub>0.0005</sub> TiO <sub>3</sub> for multilayer ceramic capacitor. <i>AIP Conference Proceedings</i> , 2021, , .	0.4	0
33	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. <i>Journal of Electronic Materials</i> , 2022, 51, 718-726.	2.2	0