Mohd Sabri Mohd Ghazali

List of Publications by Year
in descending order

50 papers	358 citations	1040056 9 h-index	888059 17 g-index
50 all docs	50 docs citations	50 times ranked	372 citing authors

#	Article	IF	Citations
1	Effect of ZnO on the Physical Properties and Optical Band Gap of Soda Lime Silicate Glass. International Journal of Molecular Sciences, 2012, 13, 7550-7558.	4.1	98
2	Synthesis Mechanism of Low-Voltage Praseodymium Oxide Doped Zinc Oxide Varistor Ceramics Prepared Through Modified Citrate Gel Coating. International Journal of Molecular Sciences, 2012, 13, 5278-5289.	4.1	32
3	Effect of Low Concentration Sn Doping on Optical Properties of CdS Films Grown by CBD Technique. International Journal of Molecular Sciences, 2011, 12, 6320-6328.	4.1	22
4	Studying the Effect of ZnO on Physical and Elastic Properties of (ZnO)_x(P₂O₅)_{1â^'x}Glasses Using Nondestructive Ultrasonic Method. Advances in Materials Science and Engineering, 2015, 2015, 1-6.	1.8	18
5	Development of anti-corrosive paint incorporated with henna extract as a natural inhibitor. Journal of Mechanical Engineering and Sciences, 2017, 11, 3179-3188.	0.6	16
6	Effect of Annealing Temperature on the Optical Spectra of CdS Thin Films Deposited at Low Solution Concentrations by Chemical Bath Deposition (CBD) Technique. International Journal of Molecular Sciences, 2011, 12, 1293-1305.	4.1	15
7	Low cost dye-sensitized solar cells based on zinc oxide and natural anthocyanin dye from Ardisia elliptica fruits. Optik, 2018, 172, 28-34.	2.9	12
8	25Âyears of progress on plants as corrosion inhibitors through a bibliometric analysis using the Scopus database (1995â€“2020). Arabian Journal of Chemistry, 2022, 15, 103655.	4.9	12
9	Anticorrosive and Microbial Inhibition Performance of a Coating Loaded with Andrographis paniculata on Stainless Steel in Seawater. Molecules, 2021, 26, 3379.	3.8	11
10	Application of Direct Current and Temperature Stresses of Low-Voltage ZnO Based Varistor Ceramics. American Journal of Applied Sciences, 2009, 6, 1591-1595.	0.2	10
11	PROXIMATE AND MORPHOLOGICAL CHARACTERISTICS OF NANO HYDROXYAPATITE (NANO HAP) EXTRACTED FROM FISH BONE. Journal of Sustainability Science and Management, 2020, 15, 9-21.	0.5	10
12	Protection against Corrosion of Aluminum Alloy in Marine Environment by Lawsonia inermis. International Journal of Corrosion, 2016, 2016, 1-5.	1.1	9
13	Photopyroelectric Spectroscopic Studies of ZnO-MnO2-Co3O4-V2O5 Ceramics. International Journal of Molecular Sciences, 2011, 12, 1625-1632.	4.1	8
14	Characterization of CdTe Films Deposited at Various Bath Temperatures and Concentrations Using Electrophoretic Deposition. International Journal of Molecular Sciences, 2012, 13, 5706-5714.	4.1	8
15	Corrosion Inhibition Properties of Epoxy-Zinc Oxide Nanocomposite Coating on Stainless Steel 316L. Solid State Phenomena, 0, 307, 285-290.	0.3	8
16	Effect of Co₃O₄ Doping on Nonlinear Coefficient in Zn-Bi-Ti-O Varistor Ceramics. Advanced Materials Research, 0, 1107, 20-26.	0.3	6
17	LawsonialnermisExtract Enhances Performance of Corrosion Protection of Coated Mild Steel in Seawater. MATEC Web of Conferences, 2016, 78, 01091.	0.2	6
18	Use of a Reflectance Spectroscopy Accessory for Optical Characterization of ZnO-Bi2O3-TiO2 Ceramics. International Journal of Molecular Sciences, 2011, 12, 1496-1504.	4.1	5

#	Article	IF	Citations
19	Synergistic Effects of Pr6O11 and Co3O4 on Electrical and Microstructure Features of ZnO-BaTiO3 Varistor Ceramics. Materials, 2021, 14, 702.	2.9	5
20	Frontiers in Organic Corrosion Inhibitors for Chloride and Acidic Media: A Review. Journal of Bio- and Tribo-Corrosion, 2022, 8, 1.	2.6	5
21	Potential Application of Plant-Based Derivatives as Green Components in Functional Coatings: A Review. Cleaner Materials, 2022, 4, 100097.	5.1	5
22	FORMULATION OF EPOXY BASED ANTICORROSION COATING INCORPORATED WITH BIOCOMPATIBLE NANO TiO2-PEDOT:PSS HYBRID COMPOSITE. Journal of Sustainability Science and Management, 2020, 15, 3-9.	0.5	4
23	Stability of ZnO-Pr₆O₁₁-Cr₂O₃ Varistor Ceramics against Electrical Degradation. Materials Science Forum, 0, 846, 115-125.	0.3	3
24	Conventional Sintering Effects on the Microstructure and Electrical Characteristics of Low-Voltage Ceramic Varistor. , 0, , .		3
25	Antimicrobial Activity of Photoactive Cerium Doped Zinc Oxide. Solid State Phenomena, 2020, 307, 217-222.	0.3	3
26	CITRUS AURANTIFOLIA LEAF EXTRACT AS A POTENTIAL ANTI-CORROSION ADDITIVE IN ALKYD PAINT FOR MILD STEEL. Journal of Sustainability Science and Management, 2021, 16, 10-20.	0.5	3
27	Electrical and microstructural evaluation of ZnO varistor ceramics with different CaSiO3 contents. Materials Chemistry and Physics, 2022, 289, 126464.	4.0	3
28	Temperature and Salinity Effects on Photocatalytic Performance of Cerium Doped Zinc Oxide. Solid State Phenomena, 0, 307, 223-228.	0.3	2
29	MORPHOLOGICAL AND ELECTRICAL CHARACTERIZATION OF HYBRID THIN-FILM COMPOSED OF TITANIA NANOCRYSTALS, POLY (3-HEXYLTHIOPHENE) AND PIPER BETLE LINN. Jurnal Teknologi (Sciences and) Tj ETQq1 1 0.784314 rgBT /Ove	0.4	2
30	Corrosion Performance of Coating Thickness in Marine Environment. Biosciences, Biotechnology Research Asia, 2015, 12, 71-76.	0.5	2
31	Non-destructive tests on eco-friendly anti-corrosion paint. Journal of Mechanical Engineering and Sciences, 2017, 11, 2825-2833.	0.6	2
32	THE CONDUCTIVITY STUDY OF HYBRID SOLAR CELLS OF TIO2 AND DOPED WITH BIXA ORELLANA FOR SOLAR CELLS APPLICATION. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	1
33	OPTICAL CHARACTERIZATION ON ITO/TIO2/P3HT/ARECA CATECHU/AU FOR THIN FILM HYBRID SOLAR CELL. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	1
34	PRELIMINARY CHARACTERISTIC OF ELECTRICAL NON-LINEARITY CO DOPED CAMNO3-ZNO BASED VARISTOR CERAMICS. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	1
35	SIGNIFICANCE OF SUBSTRATE TEMPERATURE ON ELECTRICAL CONDUCTIVITY, HALL EFFECT, AND THICKNESS OF BILAYER HETEROJUCTION ORGANIC SOLAR CELL USING RHODOMYRTUS TOMENTOSA (AITON) HASSK AND IXORA COCCINEA L DYE. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	1
36	Effect of MnO2doping and temperature treatment on optical energy band gap properties in Zn-Bi-Ti-O varistor ceramics. Journal of Physics: Conference Series, 2016, 776, 012057.	0.4	1

#	Article	IF	Citations
37	The Sintering Effect of Lanthanum-Calcium Manganite Doping on Microstructure and Non-Linear Coefficient of Zinc Oxide Varistor. Materials Science Forum, 2016, 846, 142-148.	0.3	1
38	Fabrication and characterization of titania/poly (3-dodecylthiopene)/red seaweed as hybrid solar cell. AIP Conference Proceedings, 2017, , .	0.4	1
39	Effect of Co3O4 doping and sintering temperature on optical energy band gap properties in Zn-Bi-Ti-O varistor ceramics. AIP Conference Proceedings, 2017, , .	0.4	1
40	Enhancement of Corrosion Resistance and Microbial Protection Analysis of a Rosin Coating with the Incorporation of Leucaena leucocephala. Coatings, 2020, 10, 825.	2.6	1
41	ASSESSMENT OF CORROSION EFFICIENCY AND VOLATILE ORGANIC COMPOUNDS CONTENT FOR A GREEN COATING WITH NOVEL ADDITIVE OF Leucaena leucocephala. Journal of Sustainability Science and Management, 2021, 16, 37-52.	0.5	1
42	EFFECT OF MNO2 DOPING ON NONLINEAR COEFFICEINT OF ZN-BI-TI-O VARISTOR CERAMICS. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0
43	PRELIMINARY CHARACTERISTIC OF ELECTRICAL NON-LINEARITY CO DOPED CMO-ZNO BASED VARISTOR CERAMIC. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.4	0
44	Integration of Different Sintering Temperature of Hydroxyapatite and Polyethersulfone Membrane for Fouling Mitigation. Materials Science Forum, 0, 863, 154-159.	0.3	0
45	Hybrid thin films based on bilayer heterojunction of titania nanocrystals/polypyrrole/natural dyes (Kappaphycus alvarezii) materials. AIP Conference Proceedings, 2017, , .	0.4	0
46	Hydrothermal temperature effect on crystal structures, optical properties and electrical conductivity of ZnO nanostructures. AIP Conference Proceedings, 2017, , .	0.4	0
47	Scan rate effect of titania for hybrid solar cell applications: Structural and electrical study. AIP Conference Proceedings, 2017, , .	0.4	0
48	A Simplest, Cheapest and Most Efficienct Technique to Enhance the Performance of Solid State Dye-Sensitized Solar Cell: Deposition of Purple Seaweed as a Photosensitizer. Solid State Phenomena, 0, 301, 160-166.	0.3	0
49	EMPLOYING Cymbopogon citratus (LEMONGRASS) AS ECO-FRIENDLY CORROSION INHIBITOR FOR MILD STEEL IN SEAWATER. Journal of Sustainability Science and Management, 2021, 16, 71-82.	0.5	0
50	Exploring the global publications on varistors using the Scopus database through a bibliometric analysis. Journal of Asian Ceramic Societies, 2022, 10, 438-452.	2.3	0