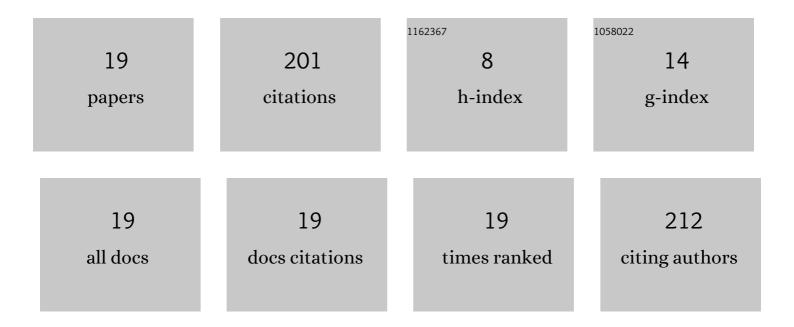
Prashant R Ghediya

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2372041/publications.pdf Version: 2024-02-01



PRASHANT R CHEDIVA

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Electrical conduction of CZTS films in dark and under light from molecular solution ink. Journal of Alloys and Compounds, 2016, 685, 498-506. | 2.8 | 44 |
| 2 | Dark and photo-conductivity of doctor-bladed CZTS films above room temperature. Journal Physics D: Applied Physics, 2015, 48, 455109. | 1.3 | 32 |
| 3 | Doctor-blade printing of Cu2ZnSnS4 films from microwave-processed ink. Journal of Materials Science: Materials in Electronics, 2015, 26, 1908-1912. | 1.1 | 21 |
| 4 | Dip-coated Cu ₂ CoSnS ₄ thin films from molecular ink for solar photovoltaics. Materials Research Express, 2018, 5, 085509. | 0.8 | 19 |
| 5 | Direct-coated Cu2SnS3 films from molecular solution inks for solar photovoltaics. Materials Science in Semiconductor Processing, 2018, 88, 120-126. | 1.9 | 18 |
| 6 | Electrical transport properties of dip-coated nanocrystalline Cu2ZnSnS4 thin films. Journal of Materials Science: Materials in Electronics, 2020, 31, 658-666. | 1.1 | 13 |
| 7 | Kesterite Cu2ZnSnS4 thin films by drop-on-demand inkjet printing from molecular ink. Journal of Alloys and Compounds, 2018, 747, 31-37. | 2.8 | 12 |
| 8 | Effect of solvents on physical properties of direct-coated Cu2CoSnS4 films. Materials Research Express, 2019, 6, 106419. | 0.8 | 8 |
| 9 | Electrical properties of Ag/p-Cu2NiSnS4 thin film Schottky diode. Materials Today Communications, 2021, 28, 102697. | 0.9 | 8 |
| 10 | Synthesis and characterizations of copper cadmium sulphide (CuCdS2) as potential absorber for thin film photovoltaics. Materials Chemistry and Physics, 2020, 252, 123382. | 2.0 | 7 |
| 11 | Preparation and characterization of chemically deposited nickel sulphide film and its application as a potential counter electrode. Materials Research Express, 2016, 3, 075906. | 0.8 | 6 |
| 12 | Microwave-Processed Copper Zinc Tin Sulphide (CZTS) Inks for Coatings in Solar Cells. , 2018, , 121-174. | | 4 |
| 13 | Effect of light on hopping conduction in kesterite CZTS thin films. AIP Conference Proceedings, 2016, , | 0.3 | 3 |
| 14 | Electrical properties of CZTS pellets made from microwave-processed powder. AIP Conference Proceedings, 2015, , . | 0.3 | 2 |
| 15 | Dark and photoconductivity of PbS/polystyrene nanocomposite films from 77 to 300 K. Surfaces and Interfaces, 2020, 20, 100580. | 1.5 | 2 |
| 16 | Temperature dependence electrical conduction of solution-processed CZTS films in dark and under light. IOP Conference Series: Materials Science and Engineering, 2016, 149, 012162. | 0.3 | 1 |
| 17 | Electrical Properties of Compact Drop-Casted Cu2SnS3 Films. Journal of Electronic Materials, 2020, 49, 6403-6409. | 1.0 | 1 |
| 18 | Effect of Microstructure on Electrical Properties of Cu2ZnSnS4 Films Deposited from Inks. Springer Proceedings in Physics, 2019, , 497-502. | 0.1 | 0 |

| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Direct-ink coating techniques for Cu-based multicomponent semiconductor films. Materials Science in Semiconductor Processing, 2021, 127, 105688. | 1.9 | 0 |