

# Sanjith Udayakumar

## List of Publications by Year in descending order

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17  
papers

169  
citations

1683354

5  
h-index

1125271

13  
g-index

17  
all docs

17  
docs citations

17  
times ranked

179  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Wear and scratch behaviour of electroless Ni-P-nano-TiO <sub>2</sub> : Effect of surfactants. <i>Wear</i> , 2016, 346-347, 148-157.  | 1.5 | 59        |
| 2  | Effect of reduced graphene oxide (rGO) on corrosion and erosion-corrosion behaviour of electroless Ni-P coatings. <i>Wear</i> , 2017, 390-391, 385-391.  | 1.5 | 56        |
| 3  | Effect of Reduced Graphene Oxide Reinforcement on the Wear Characteristics of Electroless Ni-P Coatings. <i>Journal of Materials Engineering and Performance</i> , 2018, 27, 3044-3053.  | 1.2 | 15        |
| 4  | Chemical and Mineralogical Characterization of Malaysian Monazite Concentrate. <i>Mining, Metallurgy and Exploration</i> , 2020, 37, 415-431.  | 0.4 | 8         |
| 5  | Characterization of Malaysian Monazite Concentrate for The Recovery of Thorium Dioxide. <i>Journal of Physics: Conference Series</i> , 2018, 1082, 012090.   | 0.3 | 7         |
| 6  | Formation of Titanium Hydride from the Reaction Between Magnesium Hydride and Titanium Tetrachloride. <i>Journal of Physics: Conference Series</i> , 2018, 1082, 012003.   | 0.3 | 5         |
| 7  | Mathematical Modelling of Titanium Hydride Formation from Titanium Tetrachloride with Magnesium Hydride using Matlab. <i>Journal of Physics: Conference Series</i> , 2018, 1082, 012037.   | 0.3 | 5         |
| 8  | Economic evaluation of thorium oxide production from monazite using alkaline fusion method. <i>Nuclear Engineering and Technology</i> , 2021, 53, 2418-2425.   | 1.1 | 3         |
| 9  | Synthesis of Ziegler-Natta Catalyst using Malaysian Ilmenite Derived TiCl <sub>4</sub> via Recrystallization Method: A Statistical Approach. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2020, 15, 687-697.                       | 0.5 | 3         |
| 10 | Kinetic modelling of oxidation of metallic iron to iron sulfate from iron-titanium oxycarbonitride composite. <i>Materials Today: Proceedings</i> , 2019, 17, 525-533.   | 0.9 | 2         |
| 11 | Isothermal and non-isothermal kinetic modelling of carbothermal reduction of Titanium Dioxide-Iron (II) Oxide (TiO <sub>2</sub> -Fe <sub>2</sub> O <sub>3</sub> ) composite with natural gas. <i>Materials Today: Proceedings</i> , 2019, 17, 655-663. | 0.9 | 2         |
| 12 | The dephosphorization behaviour of Malaysian Monazite concentrates. <i>AIP Conference Proceedings</i> , 2020, , .  | 0.3 | 2         |
| 13 | Reduction of TiCl <sub>4</sub> to TiH <sub>2</sub> with CaH <sub>2</sub> in Presence of Ni Powder. <i>Minerals, Metals and Materials Series</i> , 2019, , 131-144.   | 0.3 | 1         |
| 14 | The Effect of Fillers on the Tribological Properties of Composites. <i>Composites Science and Technology</i> , 2021, , 243-266.  | 0.4 | 1         |
| 15 | Evaluation of chlorination of nitrated ilmenite by statistical analysis. <i>AIP Conference Proceedings</i> , 2020, , .   | 0.3 | 0         |
| 16 | High-temperature carbothermal dephosphorization of Malaysian monazite. <i>Physicochemical Problems of Mineral Processing</i> , 2021, , .   | 0.2 | 0         |
| 17 | Kinetic modelling of alkaline leaching of thorium hydroxide (Th(OH) <sub>4</sub> ) from monazite. <i>AIP Conference Proceedings</i> , 2021, , .  | 0.3 | 0         |