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## INDONESIAN JOURNAL OF MATERIALS SCIENCE

Vol. 20, No 1, October 2018

### PREFACE

We would like to present, with great pleasure, Indonesian Journal of Materials Science Vol. 20, No. 1, October 2018. This journal presents 7 (seven) papers with titled: The Effect of Additives and Reductors in Selective Reduction Process of Laterite Nickel Ore; The Effect of Oxidation on Sago Starch and Its Application as Edible Film; Formation of Spinel Structure in Synthesis Process of  $\text{Li}_1.37\text{Mn}_2\text{O}_4$  using Hydrothermal Method; The Effect of Pre-treatment of Microwave Heating on Efficiency of Hydrolysis Time and A-Cellulosic Characteristics of Palm Oil Waste Biomass; Synthesis, Structural Analysis and Initial Electric Scratching on  $\text{PbZr}_x\text{Ti}_{(1-x)}\text{O}_3$  Piezoelectric Material; Micro-Crystal Structure of  $57\text{Fe}_{15}\text{Cr}_{25}\text{Ni}_{0.32}\text{Mn}_{0.96}\text{Si}$  Austenite Steel After  $850^\circ\text{C}$ -5h Temperature-Quenching Treatments for High Temperature Material Applications; and Application of Sulfonated Polystyrene In Polymer Electrolyte Fuel Cell. This journal was founded to represent the growing needs of material science research, now widely recognized as an integral part of scientific and characterization investigations.

We are certain that it will be followed by many others, reporting new developments in the material science field. This issue would not have been possible without the great support of the Editorial Board and secretariat members, and we would like to express our sincere thanks to all of them.

Finally, all the editorial boards conveyed the support of the writers and reviewers, so that the Indonesian Journal of Material Science could display articles on quality research and development materials that are expected to contribute to the development of materials science.

**Editor in Chief**