

ISSN : 1411-1098  
E-ISSN : 2614-087X  
Accreditation No. : 21/E/KPT/2018

**Jurnal**

# **Sains Materi Indonesia**

*Indonesian Journal of Materials Science*

**Vol. 21, No. 3, April 2020**

**Center for Science and Technology of Advanced Material  
National Nuclear Energy Agency  
INDONESIA**

Jurnal Sains Materi Indonesia	Vol. 21	No. 3	pp. 97 - 140	Tangerang Selatan Year 2020	ISSN : 1411-1098 E-ISSN : 2614-087X
-------------------------------	---------	-------	--------------	--------------------------------	--