



**KAJIAN/FOKUS PENELITIAN**

Sintesis, pemodelan, desain, dan aplikasi material fungsional maju untuk aplikasi pada bidang energi, devais elektronik, dan kesehatan.

**ROADMAP PENELITIAN**

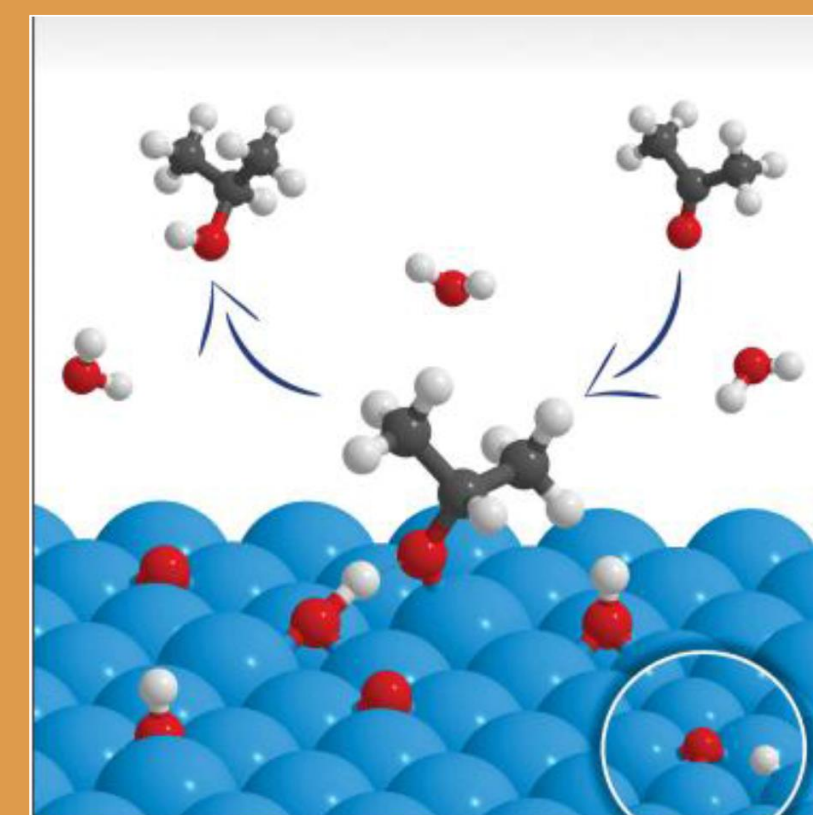


**ENERGY**

- Solar cells
- Fuel cells
- Li- and Na-ion batteries

**ENVIRONMENTS**

- Catalysis
- Gas sensors



**HEALTH**

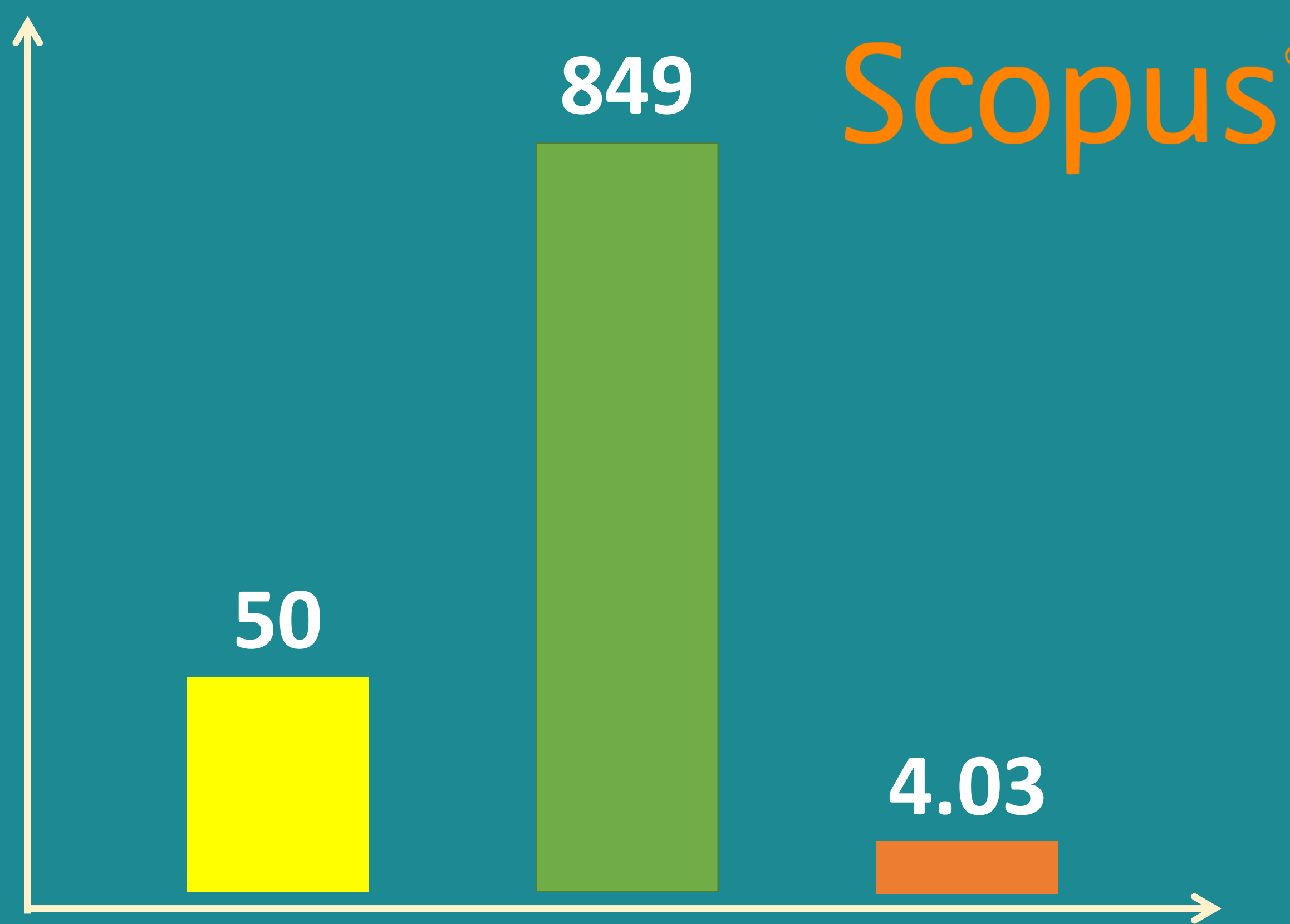
- Bio-sensors
- Drug delivery and design

**2028** Development of next-generation solar-cells and high-energy Li-ion batteries; Nanocatalysts development for low and high operating temperature fuel cell; Experimental realization of enhanced graphitic-based material for ORR; Upscaling and development of integrated devices; etc.

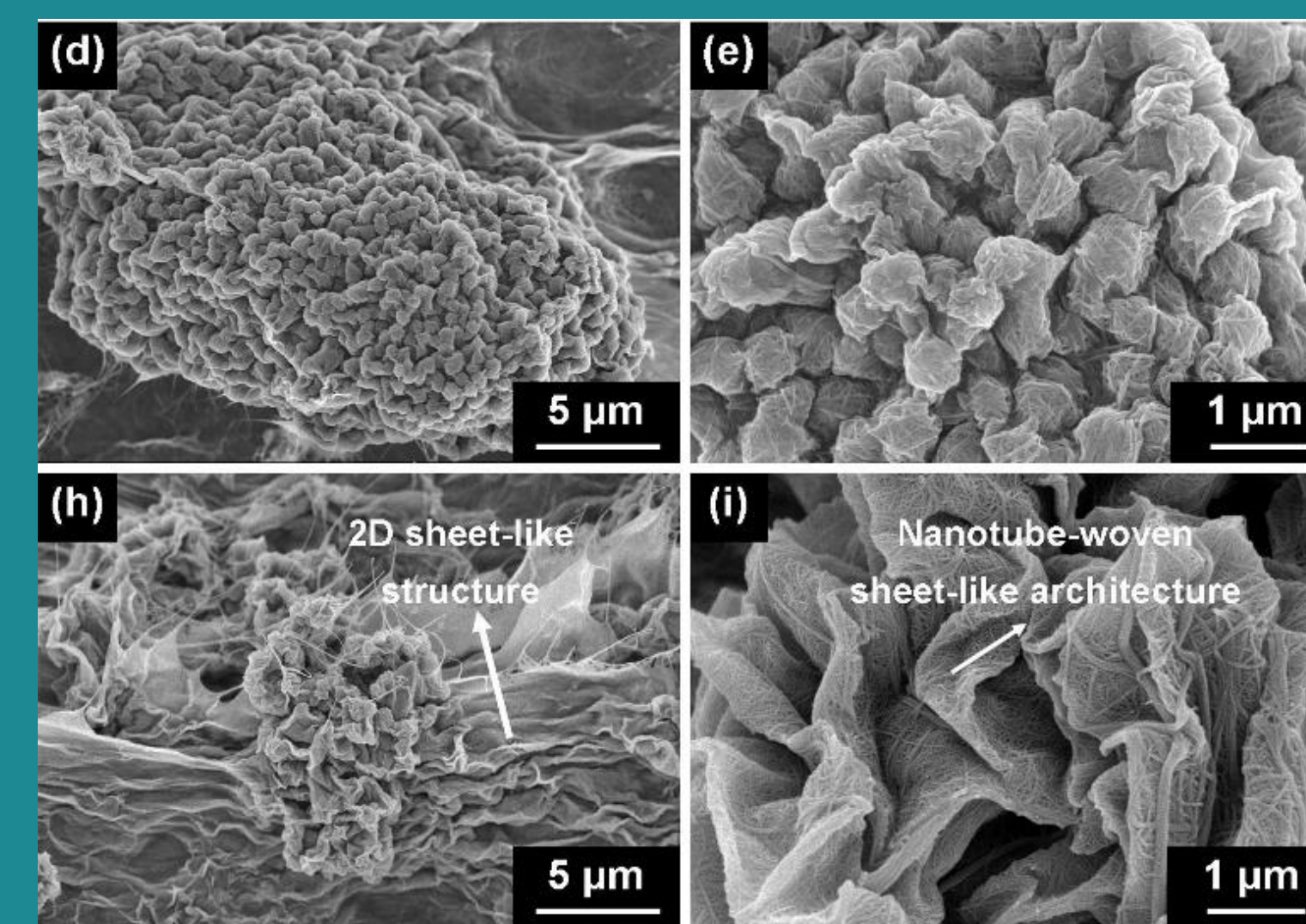


efisiensi %  
**UP**

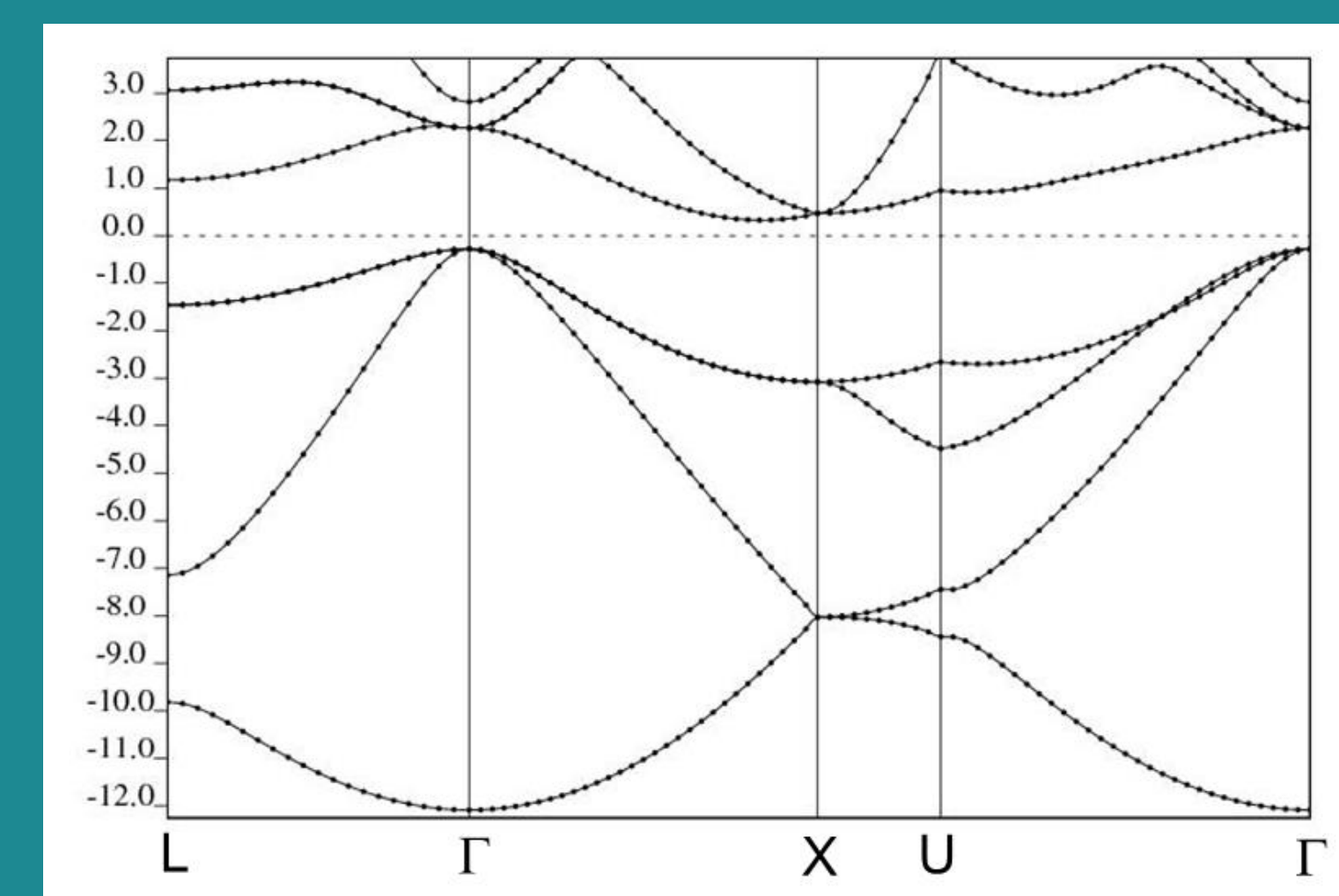
**KELOMPOK KEAHLIAN MATERIAL FUNGSIONAL MAJU**



**EKSPERIMEN**



**KOMPUTASI**



**KETUA Prof. Dr. Brian Yulianto**



- Publikasi: **108**
- Sitasi: **548**
- h-index: **13**

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**ANGGOTA**



Prof. Hermawan Kresno Dipojono Ph.D.

- Publikasi: **77**
- Sitasi: **224**
- h-index: **9**



Dr. Mohammad Kemal Agusta

- Publikasi: **38**
- Sitasi: **194**
- h-index: **7**



Dr. Nugraha

- Publikasi: **47**
- Sitasi: **197**
- h-index: **9**



Dr. Ahmad Nuruddin

- Publikasi: **20**
- Sitasi: **179**
- h-index: **6**



Dr. Damar Rastri Adhika

- Publikasi: **14**
- Sitasi: **8**
- h-index: **1**



Dr. Muhammad Iqbal

- Publikasi: **31**
- Sitasi: **242**
- h-index: **9**



Dr. Muhammad Haris Mahyuddin

- Publikasi: **11**
- Sitasi: **178**
- h-index: **7**



Dr. Adhitya Gandaryus Saputro

- Publikasi: **39**
- Sitasi: **182**
- h-index: **8**



Dr. Ganes Shukri

- Publikasi: **6**
- Sitasi: **27**
- h-index: **3**



Dr. Fadjar Fathurrahman

- Publikasi: **7**
- Sitasi: **25**
- h-index: **3**