

The 33rd Fall Meeting
The Ceramic Society of Japan
Material Design and Processing Design

Best Presentation Award

B R O N Z E

Taku Nagata, Kunihiro Kato, Yunzi Xin, Hien Huu Nguyen, Takashi Shirai (Nagoya Institute of Technology Advanced Ceramics Research Center)

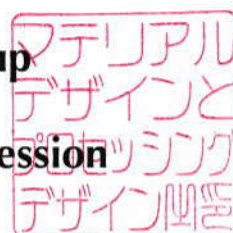
Elucidation of metal nanoparticles crystallinity and optical properties by microwave synthesis

Sep. 4, 2020

The Ceramic Society of Japan

Material and Processing Design Group

Material Design and Processing Design Session



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Presentation Incentive Award

Yoshiaki FUNAHASHI, (Nagoya Institute of Technology), Hien Huu
NGUYEN, Kunihiko KATO, Yunzi XIN, Takashi SHIRAI, (Nagoya
Institute of Technology Advanced Ceramics Research Center)

Carbonization Process of Gel-casted Green Body Affected by
Molecular Structure and Electrical Property of Sintered Body

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Presentation

Incentive Award

Takafumi Sudo (Nagoya Institute of Technology), Yunzi Xin, Kunihiro
Kato, Huu Hien Nguyen, Takashi Shirai (Nagoya Institute of
Technology Advanced Ceramics Research Center)

Introduction of oxygen vacancies on WO₃ for enhanced photocatalytic
performance

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Fighting-spirit Award

Yuya Takeuchi (Nagoya Institute of Technology), Yunzi Xin, Hien Huu
Nguyen, Kunihiro Kato, Takashi Shirai

Improved conductivity of nano-carbon/alumina composite via iodine
impregnation treatment

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Fighting-spirit Award

Ryosuke Matsui, Kunihiro Kato, Hien Huu Nguyen ,Yunzi Xin(Nagoya
Institute of Technology Advanced Ceramics Research Center),
Takatoshi Tajima, Takashi Hitomi, Yoji Ishikawa(Obayashi
Corporation), Takashi Shirai(Nagoya Institute of Technology Advanced
Ceramics Research Center)

Sintering materials simulated lunar sand by microwave heating and
its mechanical properties

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