

DOÇ. MURAT AKDEMİR



## Kişisel Bilgiler

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Birimi : ELEKTRİK TESİSLERİ

Dahili : -

## Makaleler (YOKSIS)

- 1 A dual functional material: Spirulina Platensis waste-supported Pd-Co catalyst as a novel promising supercapacitor electrode**  
ELMA KARAKAŞ DUYGU, AKDEMİR MURAT, ATABANI ABDULAZİZ, KAYA MUSTAFA  
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- 2 A novel study for supercapacitor applications via corona discharge modified activated carbon derived from Dunaliella salina microalgae**  
ÇETİN RIDVAN, ARSERİM MUHAMMET ALİ, AKDEMİR MURAT  
Journal of Energy Storage, <https://www.sciencedirect.com/science/article/pii/S2352152X2302220X>
- 3 A study on supercapacitor electrode material from trigonal planar and (N→B) dative bond stabilized tetrahedral boron-containing compounds**  
KILIÇ AHMET, Söylemez Rahime, AKDEMİR MURAT, Demir Kıvrak Hilal, KAYA MUSTAFA, HOROZ SABİT  
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- 4 Biomass-based metal-free catalyst as a promising supercapacitor electrode for energy storage**  
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- 5 Boron-containing compounds as a new candidate for supercapacitor electrode: simplified synthesis and structural identification properties**  
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- 6 Clean Technologies and Environmental Policy,<https://link.springer.com/article/10.1007/s10098-021-02164-2>
- 7 **Effect of Dielectric Barrier Discharges on the Elimination of Some Flue Gases**  
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- 8 **Effect of different electric field parameters on produced activated carbon for supercapacitor electrode materials**  
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- 9 **Effect of Induction Heating Aided Dielectric Barrier Discharge on the Elimination of SO<sub>2</sub>, NO<sub>X</sub>, and CO Gases**  
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- 11 **Enhanced catalytic performance of Pd/PMAc-g-CNT composite for water splitting and supercapacitor applications**  
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- 12 **Exploring the Triple Applications of Ag/PMAc-g-CNT Nanocomposites in Enhancing HER, OER and Supercapacitor Performance**  
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- 14 **Investigation of a New Supercapacitor Electrode Material from Prunus Spinosa Biomass**  
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- 15 **Investigation of co-doped Chlorella vulgaris as a supercapacitor electrode for energy storage**  
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- 16 **Investigation of Dunaliella salina microalgae as an effective dual-function material for hydrogen production and supercapacitor applications**  
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- 19 Microwave Assisted Biomass-Based Electrode Material Production for Supercapacitor Applications**  
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- 20 Mo-katkılı Mikroalg Kullanılarak Enerji Depolama Amaçlı Süperkapasitör Üretimi**  
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- 24 Synthesis of a dual-functionalized carbon-based material as catalyst and supercapacitor for efficient hydrogen production and energy storage: Pd-supported pomegranate peel**  
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- 25 The dual functionality of Zn@BP catalyst: methanolysis and supercapacitor**  
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- 26 The preparation and characterization of the novel mono-/binuclear boron-based materials for supercapacitor electrode applications**  
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- 27 YÜKSEK GERİLİMLİ DOĞRU AKIM İLETİM SİSTEMLERİ İÇİN AKTİF DOĞRU AKIM FİLTRESİ TASARIMI VE SİMÜLASYONU**  
AKDEMİR MURAT, YILDIRIM SELÇUK, GENÇ NACİ

## Bildiriler (YOKSIS)

- 1 **Bariyer Boşalması Yöntemiyle CO<sub>2</sub> Bileşiginden CO Üretimi. CO Production from CO<sub>2</sub> Compound by Using Barrier Discharge Method**  
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- 2 **Dunaliella Salina Microalgae Obtained as an Effective Material for Double Applications: Supercapacitor and Hydrogen Production**  
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- 3 **Electric field assisted biomass-based electrode material production for supercapacitor applications**  
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- 4 **INVESTIGATION OF COBALT DOPED MICROCYSTIS AERUGINOSA AS A SUPERCAPACITOR ELECTRODE**  
AKDEMİR MURAT  
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- 5 **PREPARATION OF ZnCl<sub>2</sub>-DOPED MICROALGAE AS SUPERCAPACITOR ELECTRODE FOR ENERGY STORAGE**  
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- 6 **The Effect of Temperature on Some Electrical Parameters of Distilled Water**  
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