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Kişisel Bilgiler

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Araştırma Alanları

Mühendislik ve Teknoloji

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. Numerical investigation of crash behavior of vehicle side door beams under high-speed pole side impacts
Akar M. A., Kumlu U., Yıldızhan Ş.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS, PART D: JOURNAL OF AUTOMOBILE ENGINEERING, cilt.237, sa.14, ss.3408-3418, 2023 (SCI-Expanded)
- II. Hybrid jute/carbon fiber composites: optimum post-curing time
Karaçor B., Özcanlı M., Kumlu U.
IRANIAN POLYMER JOURNAL (ENGLISH EDITION), cilt.32, ss.1443-1454, 2023 (SCI-Expanded)

Düger Dergilerde Yayınlanan Makaleler

- I. Investigation of the under-vehicle plastic protection parts manufactured by core-back injection process in terms of strength and weight
GÜLTEKİN Y., AKAR M. A., ALTINDAĞ A., DURAN D., KUMLU U.
International Journal of Automotive Engineering and Technologies, cilt.12, sa.4, ss.133-143, 2023 (Hakemli Dergi)
- II. Analysis of the wear and friction of brake pad added cashew and ulexite using ANSYS
Akar M. A., Sugözü İ., Bilgi G., Kumlu U.
International Journal of Automotive Engineering and Technologies, cilt.12, sa.3, ss.83-91, 2023 (Hakemli Dergi)
- III. Tensile and Morphological Properties of Waste Tire Rubber Granule/Polyester Polymer Matrix Composite
Yıldızhan Ş., Yel F., Akar M. A., Kumlu U.
Çukurova Üniversitesi Mühendislik Fakültesi dergisi, cilt.37, sa.3, ss.773-779, 2022 (Hakemli Dergi)
- IV. The Usage of Natural Fibers for Automotive Applications
Akar M. A., Tosun A. T., Yel F., Kumlu U.
Macromolecular Symposia, cilt.404, sa.1, ss.1-3, 2022 (Scopus)
- V. Potential of Using Agricultural Waste Composites as Thermal Insulation Material
Serin H., Güzel G., Kumlu U., Akar M. A.
Macromolecular Symposia, cilt.404, sa.1, ss.1-3, 2022 (Scopus)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. Crashworthiness analysis of circular and elliptical cross-sectional beams in vehicle door
Kumlu U., Karaçor B., Özkeser B., Aslan A.
IV. International Siirt Conference on Scientific Research, Siirt, Türkiye, 17 - 18 Kasım 2023, ss.287-300
- II. Examination of different material designs through finite element analysis on the military vehicle platform
Kumlu U., Karaçor B., Kılıç Ö., Aslan A.
IV. International Siirt Conference on Scientific Research, Siirt, Türkiye, 17 - 18 Kasım 2023, ss.268-286
- III. Ballistic evaluation of armor plates at different angles
Kumlu U., Akar M. A., Başer D., Hükümdar Ö., Karaçor B.
2nd International Congress on Multidisciplinary Natural Sciences, Ankara, Türkiye, 01 Aralık 2022, ss.230-240
- IV. The effect of air gap of multi-layered armour configuration during ballistic impact
Kumlu U., Aldatmaz İ., Akar M. A., Karaçor B., Ercan E. S., Erdal D.
7th International Mediterranean Science and Engineering Congress (IMSEC 2022), Antalya, Türkiye, 24 - 26 Ekim 2022, cilt.1, sa.236, ss.565-570
- V. Effect of rotational thrust on different geometries in crashing boxes
Kumlu U., Erdal D., Karaçor B., Akar M. A.
7th International Mediterranean Science and Engineering Congress (IMSEC 2022), Antalya, Türkiye, 24 - 26 Ekim 2022, cilt.1, sa.212, ss.508-514
- VI. EPS/RRG/KIRPILMIŞ FİBERLER/POLİMER REÇİNE KOMPOZİTLERİNİN DARBE DAYANIMININ İNCELENMESİ
Soyusinmez T., Güzelipek O., Serin H., Özcanlı M., Kumlu U., Yıldızhan Ş.
Mediterranean International Conference on Research in Applied Sciences, Antalya, Türkiye, 22 - 24 Nisan 2022, ss.147-153
- VII. Crashworthiness Analysis of Vehicle Side Door Beam with Finite Element Analysis
Kumlu U., Akar M. A., Özcanlı M., Serin H., Çalık A.
6th International Mediterranean Science and Engineering Congress (IMSEC 2021), Antalya, Türkiye, 25 - 27 Ekim 2021, ss.615
- VIII. Evaluation of Jute and Cotton Fabrics as Reinforcement Agent in Polymer Matrix Composites
Tosun A. T., Akar M. A., Kumlu U.
6th International Mediterranean Science and Engineering Congress (IMSEC 2021), Antalya, Türkiye, 25 - 27 Ekim 2021, ss.311
- IX. Recycled Waste Tyre Granules as Filler Material in Polymer Matrix: Mechanical Characterization Assessment
Yel F., Akar M. A., Kumlu U.
6th International Mediterranean Science and Engineering Congress (IMSEC 2021), Antalya, Türkiye, 25 - 27 Ekim 2021, ss.310
- X. Crashworthiness analysis of heavy truck chassis by using finite element analysis
Karaçor B., Kapulu İ., Kumlu U., Özcanlı M.
6th International Mediterranean Science and Engineering Congress (IMSEC 2021), Antalya, Türkiye, 25 - 27 Ekim 2021, ss.635-642

Metrikler

Yayın: 18

Akademî Dışı Deneyim

KOLUMA OTOMOTİV ENDÜSTRİ AŞ.