

Title (en)

TWO-DIMENSIONAL MATERIALS AND USES THEREOF

Title (de)

ZWEIDIMENSIONALE MATERIALIEN UND VERWENDUNGEN DAVON

Title (fr)

MATÉRIAUX BI-DIMENSIONNELS ET LEURS UTILISATIONS

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Citation (search report)

- [YP] WO 2016036888 A1 20160310 - LOCKHEED CORP [US]
- [YP] WO 2015116946 A1 20150806 - LOCKHEED CORP [US]
- [Y] WO 2012125770 A2 20120920 - HARVARD COLLEGE [US], et al
- [Y] US 2014030482 A1 20140130 - MILLER SETH ADRIAN [US], et al
- [YP] EP 2995368 A1 20160316 - KOREA MACH & MATERIALS INST [KR]
- [Y] KYOUNG HWAN KIM ET AL: "High quality reduced graphene oxide through repairing with multi-layered graphene ball nanostructures", SCIENTIFIC REPORTS, vol. 3, no. 1, 19 November 2013 (2013-11-19), XP055559249, DOI: 10.1038/srep03251
- [Y] LENA A. L. TANG ET AL: "Highly Wrinkled Cross-Linked Graphene Oxide Membranes for Biological and Charge-Storage Applications", SMALL, vol. 8, no. 3, 1 January 2012 (2012-01-01), DE, pages 423 - 431, XP055432926, ISSN: 1613-6810, DOI: 10.1002/smll.201101690
- See also references of WO 2017023380A1

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