**Борман Владимир Дмитриевич,**

**профессор, заведующий кафедрой 10**

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| **24** | **29** | **24** | **26** | **2** | **573** | **13.33** |
| **1.** | Title: [**MOLECULAR-TRANSPORT IN SUBNANOMETER PORES - ZERO-POINT ENERGY, REDUCED DIMENSIONALITY AND QUANTUM SIEVING**](http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=CitationReport&qid=12&SID=V2lg5E7DOp5L6knc@oh&page=1&doc=1)  Author(s): BEENAKKER, JJM; BORMAN, VD; KRYLOV, SY  Source: CHEMICAL PHYSICS LETTERS  Volume: **232**   Issue: **4**   Pages: **379-382**   DOI: **10.1016/0009-2614(94)01372-3**   Published: **JAN 20 1995** | 8 | 3 | 8 | 10 | 1 | [74](http://apps.webofknowledge.com/CitingArticles.do?product=WOS&SID=V2lg5E7DOp5L6knc@oh&search_mode=CitingArticles&parentProduct=WOS&parentQid=12&parentDoc=1&REFID=15418916) | 3.89 |
| **2.** | Title: [**MECHANISM OF SUBMONOLAYER OXIDE FORMATION ON SILICON SURFACES UPON THERMAL-OXIDATION**](http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=CitationReport&qid=12&SID=V2lg5E7DOp5L6knc@oh&page=1&doc=2)  Author(s): BORMAN, VD; GUSEV, EP; LEBEDINSKI, YY; et al.  Source: PHYSICAL REVIEW B  Volume: **49**   Issue: **8**   Pages: **5415-5423**   DOI: **10.1103/PhysRevB.49.5415**   Published: **FEB 15 1994** | 1 | 0 | 0 | 0 | 0 | [29](http://apps.webofknowledge.com/CitingArticles.do?product=WOS&SID=V2lg5E7DOp5L6knc@oh&search_mode=CitingArticles&parentProduct=WOS&parentQid=12&parentDoc=2&REFID=13840384) | 1.45 |
| **3.** | Title: [**DIRECT OBSERVATION OF THE LAYER-BY-LAYER GROWTH OF INITIAL OXIDE LAYERS ON SI(100) SURFACE DURING THERMAL-OXIDATION**](http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=CitationReport&qid=12&SID=V2lg5E7DOp5L6knc@oh&page=1&doc=3)  Author(s): BORMAN, VD; GUSEV, EP; LEBEDINSKII, YY; et al.  Source: PHYSICAL REVIEW LETTERS  Volume: **67**   Issue: **17**   Pages: **2387-2390**   DOI: **10.1103/PhysRevLett.67.2387**   Published: **OCT 21 1991** | 0 | 2 | 0 | 0 | 0 | [29](http://apps.webofknowledge.com/CitingArticles.do?product=WOS&SID=V2lg5E7DOp5L6knc@oh&search_mode=CitingArticles&parentProduct=WOS&parentQid=12&parentDoc=3&REFID=14645294) | 1.26 |
| **4.** | Title: [**MOLECULAR-TRANSPORT IN THE NANOMETER REGIME**](http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=CitationReport&qid=12&SID=V2lg5E7DOp5L6knc@oh&page=1&doc=4)  Author(s): BEENAKKER, JJM; BORMAN, VD; KRYLOV, SY  Source: PHYSICAL REVIEW LETTERS  Volume: **72**   Issue: **4**   Pages: **514-517**   DOI: **10.1103/PhysRevLett.72.514**   Published: **JAN 24 1994** | 2 | 0 | 3 | 0 | 0 | [27](http://apps.webofknowledge.com/CitingArticles.do?product=WOS&SID=V2lg5E7DOp5L6knc@oh&search_mode=CitingArticles&parentProduct=WOS&parentQid=12&parentDoc=4&REFID=6677595) | 1.35 |
| **5.** | Title: [**Investigation of the percolation transition in a nonwetting liquid-nanoporous medium system**](http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=CitationReport&qid=12&SID=V2lg5E7DOp5L6knc@oh&page=1&doc=5)  Author(s): Borman, VD; Grekhov, AM; Troyan, VI  Source: JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS  Volume: **91**   Issue: **1**   Pages: **170-181**   DOI: **10.1134/1.1307245**   Published: **JUL 2000** | 3 | 3 | 1 | 0 | 0 | [26](http://apps.webofknowledge.com/CitingArticles.do?product=WOS&SID=V2lg5E7DOp5L6knc@oh&search_mode=CitingArticles&parentProduct=WOS&parentQid=12&parentDoc=5&REFID=7374164) | 1.86 |
| **6.** | Title: [**INVESTIGATION OF THERMOMAGNETIC EFFECT AND OF POSSIBILITY OF ITS APPLICATION FOR STUDYING ORIENTATION DEPENDENT INTERACTION BETWEEN MOLECULES AND A SURFACE**](http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=CitationReport&qid=12&SID=V2lg5E7DOp5L6knc@oh&page=1&doc=6)  Author(s): BORMAN, VD; BUTTSEV, BI; KRYLOV, SY; et al.  Source: ZHURNAL EKSPERIMENTALNOI I TEORETICHESKOI FIZIKI  Volume: **70**   Issue: **3**   Pages: **929-942**   Published: **1976** | 0 | 0 | 0 | 0 | 0 | [21](http://apps.webofknowledge.com/CitingArticles.do?product=WOS&SID=V2lg5E7DOp5L6knc@oh&search_mode=CitingArticles&parentProduct=WOS&parentQid=12&parentDoc=6&REFID=150707556) | 0.55 |
| **7.** | Title: [**INFLUENCE OF EXTERNAL FIELD ON TRANSFER PHENOMENA IN KNUDSEN MOLECULAR GAS**](http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=CitationReport&qid=12&SID=V2lg5E7DOp5L6knc@oh&page=1&doc=7)  Author(s): BORMAN, VD; MAKSIMOV, LA; NIKOLAEV, BI; et al.  Source: DOKLADY AKADEMII NAUK SSSR  Volume: **207**   Issue: **5**   Pages: **1082-1084**   Published: **1972** | 0 | 0 | 0 | 0 | 0 | [20](http://apps.webofknowledge.com/CitingArticles.do?product=WOS&SID=V2lg5E7DOp5L6knc@oh&search_mode=CitingArticles&parentProduct=WOS&parentQid=12&parentDoc=7&REFID=150707509) | 0.48 |
| **8.** | Title: [**UNIFIED DESCRIPTION OF ROTATING-MOLECULE SURFACE INTERACTIONS - COMPARISON WITH EXPERIMENT**](http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=CitationReport&qid=12&SID=V2lg5E7DOp5L6knc@oh&page=1&doc=8)  Author(s): HOOGEVEEN, RWM; HERMANS, LJF; BORMAN, VD; et al.  Source: PHYSICAL REVIEW A  Volume: **42**   Issue: **11**   Pages: **6480-6485**   DOI: **10.1103/PhysRevA.42.6480**   Published: **DEC 1 1990** | 0 | 0 | 0 | 0 | 0 | [17](http://apps.webofknowledge.com/CitingArticles.do?product=WOS&SID=V2lg5E7DOp5L6knc@oh&search_mode=CitingArticles&parentProduct=WOS&parentQid=12&parentDoc=8&REFID=4911711) | 0.71 |
| **9.** | Title: [**A STUDY OF THE INTERACTION BETWEEN NON-SPHERICAL MOLECULES AND A SURFACE USING THE THERMOMAGNETIC EFFECT IN A KNUDSEN GAS**](http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=CitationReport&qid=12&SID=V2lg5E7DOp5L6knc@oh&page=1&doc=9)  Author(s): BORMAN, VD; KRYLOV, SY; NIKOLAYEV, BI; et al.  Source: PHYSICA A  Volume: **117**   Issue: **2-3**   Pages: **531-560**   DOI: **10.1016/0378-4371(83)90130-9**   Published: **1983** | 0 | 0 | 0 | 0 | 0 | [15](http://apps.webofknowledge.com/CitingArticles.do?product=WOS&SID=V2lg5E7DOp5L6knc@oh&search_mode=CitingArticles&parentProduct=WOS&parentQid=12&parentDoc=9&REFID=4911326) | 0.48 |
| **10.** | Title: [**KINETIC PHENOMENA IN A KNUDSEN GAS WITH ROTATIONAL DEGREES OF FREEDOM**](http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=CitationReport&qid=12&SID=V2lg5E7DOp5L6knc@oh&page=1&doc=10)  Author(s): BORMAN, VD; MAKSIMOV, LA; NIKOLAEV, BI; et al.  Source: ZHURNAL EKSPERIMENTALNOI I TEORETICHESKOI FIZIKI  Volume: **64**   Issue: **2**   Pages: **526-535**   Published: **1973** | 0 | 0 | 0 | 0 | 0 | [15](http://apps.webofknowledge.com/CitingArticles.do?product=WOS&SID=V2lg5E7DOp5L6knc@oh&search_mode=CitingArticles&parentProduct=WOS&parentQid=12&parentDoc=10&REFID=150707543) | 0.37 |