**Калин Борис Александрович**

**профессор, заведующий кафедрой 9**

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| **Citation Report**  | Author=(KALIN BA) OR Title=(Bulk texture and structure changes in tubes of Zr alloy due to the long-range effect of ion-plasma surface treatment) OR Title=(Be-Cu joints based on amorphous alloy brazing for divertor and first wall application) Timespan= 1950-2011  |   |

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| **6** | **9** | **15** | **12** | **0** | **126** | **3.82** |
| **1.**  | Title: [**A review of the joining techniques for plasma facing components in fusion reactors**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitationReport&qid=16&SID=Z1ncohj3gamJn2aB7nh&page=1&doc=1) Author(s): Odegard BC; Kalin BAConference: **7th International Conference on Fusion Reactor Materials (ICFRM-7)** Location: **OBNINSK, RUSSIA** Date: **SEP 25-29, 1995** Source: JOURNAL OF NUCLEAR MATERIALS  Volume: **233**   Pages: **44-50**   DOI: **10.1016/S0022-3115(96)00303-0**   Part: **Part a**   Published: **OCT 1996**  | 1  | 1  | 1  | 0  | 0  | [19](http://apps.webofknowledge.com/CitingArticles.do?product=UA&SID=Z1ncohj3gamJn2aB7nh&search_mode=CitingArticles&parentProduct=UA&parentQid=16&parentDoc=1&REFID=15179828&betterCount=19)  | 1.12  |
| **2.**  | Title: [**Use of high temperature pulsed plasma fluxes in modification of metal materials**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitationReport&qid=16&SID=Z1ncohj3gamJn2aB7nh&page=1&doc=2) Author(s): Kalin BA; Yakushin VL; Vasiliev VI; et al.Conference: **International Workshop on Ion Beam Surface Technology** Location: **TOMSK, RUSSIA** Date: **MAY 20-22, 1996** Sponsor(s): **European Res Off, UK, London; Hughes Res Lab, Malibu, CA; Linetron Sci Ind Enterprise, N Novogorod; Russian Dept Sci & Tech Policy, Moscow; Russian Fundamental Res Fdn, Moscow; US Ind Consortium, Albuquerque, NM; USA, Res Dev & Standardizat Grp** Source: SURFACE & COATINGS TECHNOLOGY  Volume: **96**   Issue: **1**   Pages: **110-116**   DOI: **10.1016/S0257-8972(97)00092-3**   Published: **NOV 3 1997**  | 3  | 0  | 1  | 3  | 0  | [14](http://apps.webofknowledge.com/CitingArticles.do?product=UA&SID=Z1ncohj3gamJn2aB7nh&search_mode=CitingArticles&parentProduct=UA&parentQid=16&parentDoc=2&REFID=65594569&betterCount=14)  | 0.88  |
| **3.**  | Title: [**Influence of alloying elements in Ni and Fe on ion-implanted helium behavior**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitationReport&qid=16&SID=Z1ncohj3gamJn2aB7nh&page=1&doc=3) Author(s): Kalin BA; Chernov II; Kalashnikov AN; et al.Conference: **7th International Conference on Fusion Reactor Materials (ICFRM-7)** Location: **OBNINSK, RUSSIA** Date: **SEP 25-29, 1995** Source: JOURNAL OF NUCLEAR MATERIALS  Volume: **233**   Pages: **1142-1147**   DOI: **10.1016/S0022-3115(96)00082-7**   Part: **Part b**   Published: **OCT 1996**  | 1  | 1  | 2  | 0  | 0  | [9](http://apps.webofknowledge.com/CitingArticles.do?product=UA&SID=Z1ncohj3gamJn2aB7nh&search_mode=CitingArticles&parentProduct=UA&parentQid=16&parentDoc=3&REFID=33885166&betterCount=9)  | 0.53  |
| **4.**  | Title: [**Tritium barrier development for austenitic stainless steel by its aluminizing in a lithium melt**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitationReport&qid=16&SID=Z1ncohj3gamJn2aB7nh&page=1&doc=4) Author(s): Kalin BA; Yakushin VL; Fomina EPConference: **4th International Symposium on Fusion Nuclear Technology (ISFNT-4)** Location: **TOKYO, JAPAN** Date: **APR 06-11, 1997** Source: FUSION ENGINEERING AND DESIGN  Volume: **41**   Pages: **119-127**   DOI: **10.1016/S0920-3796(98)00221-X**   Published: **SEP 1998**  | 0  | 2  | 2  | 2  | 0  | [9](http://apps.webofknowledge.com/CitingArticles.do?product=UA&SID=Z1ncohj3gamJn2aB7nh&search_mode=CitingArticles&parentProduct=UA&parentQid=16&parentDoc=4&REFID=26959842&betterCount=9)  | 0.60  |
| **5.**  | Title: [**APPLICATION OF AMORPHOUS FILLER METALS IN PRODUCTION OF FUSION-REACTOR HIGH HEAT-FLUX COMPONENTS**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitationReport&qid=16&SID=Z1ncohj3gamJn2aB7nh&page=1&doc=5) Author(s): KALIN BA; FEDOTOV VT; GRIGORIEV AE; et al.Conference: **3rd International Symposium on Fusion Nuclear Technology** Location: **UNIV CALIF LOS ANGELES, LOS ANGELES, CA** Date: **JUN 26-JUL 01, 1994** Source: FUSION ENGINEERING AND DESIGN  Volume: **28**   Pages: **119-124**   DOI: **10.1016/0920-3796(94)00134-S**   Published: **MAR 1995**  | 0  | 1  | 0  | 1  | 0  | [8](http://apps.webofknowledge.com/CitingArticles.do?product=UA&SID=Z1ncohj3gamJn2aB7nh&search_mode=CitingArticles&parentProduct=UA&parentQid=16&parentDoc=5&REFID=45449094&betterCount=8)  | 0.44  |
| **6.**  | Title: [**Development of rapidly quenched brazing foils to join tungsten alloys with ferritic steel**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitationReport&qid=16&SID=Z1ncohj3gamJn2aB7nh&page=1&doc=6) Author(s): Kalin BA; Fedotov VT; Sevrjukov ON; et al.Conference: **11th International Conference on Fusion Reactor Materials (ICFRM)** Location: **Kyoto, JAPAN** Date: **DEC 07-12, 2003** Source: JOURNAL OF NUCLEAR MATERIALS  Volume: **329**   Pages: **1544-1548**   DOI: **10.1016/j.jnucmat.2004.04.170**   Part: **Part b**   Published: **AUG 1 2004**  | 1  | 0  | 1  | 2  | 0  | [7](http://apps.webofknowledge.com/CitingArticles.do?product=UA&SID=Z1ncohj3gamJn2aB7nh&search_mode=CitingArticles&parentProduct=UA&parentQid=16&parentDoc=6&REFID=51254022&betterCount=7)  | 0.78  |
| **7.**  | Title: [**Development of brazing foils to join monocrystalline tungsten alloys with ODS-EUROFER steel**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitationReport&qid=16&SID=Z1ncohj3gamJn2aB7nh&page=1&doc=7) Author(s): Kalin B. A.; Fedotov V. T.; Sevrjukov O. N.; et al.Conference: **12th International Conference on Fusion Reactor Materials (ICFRM-12)** Location: **Santa Barbara, CA** Date: **DEC 07-12, 2005** Source: JOURNAL OF NUCLEAR MATERIALS  Volume: **367**   Pages: **1218-1222**   DOI: **10.1016/j.jnucmat.2007.03.222**   Part: **Part b**   Published: **AUG 1 2007**  | 0  | 1  | 3  | 2  | 0  | [6](http://apps.webofknowledge.com/CitingArticles.do?product=UA&SID=Z1ncohj3gamJn2aB7nh&search_mode=CitingArticles&parentProduct=UA&parentQid=16&parentDoc=7&REFID=80685477&betterCount=6)  | 1.00  |
| **8.**  | Title: [**EROSION AND MICROSTRUCTURE CHANGE OF MATERIALS DURING DISRUPTION-SIMULATION EXPERIMENTS IN PLASMA-ACCELERATOR**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitationReport&qid=16&SID=Z1ncohj3gamJn2aB7nh&page=1&doc=8) Author(s): KALIN BA; POLSKY VI; YAKUSHIN VL; et al.Conference: **11th International Conference on Plasma Surface Interactions in Controlled Fusion Devices (PSI-1l)** Location: **MITO, JAPAN** Date: **MAY 23-27, 1994** Source: JOURNAL OF NUCLEAR MATERIALS  Volume: **220**   Pages: **934-938**   DOI: **10.1016/0022-3115(94)00647-4**   Published: **APR 1995**  | 0  | 0  | 0  | 0  | 0  | [5](http://apps.webofknowledge.com/CitingArticles.do?product=UA&SID=Z1ncohj3gamJn2aB7nh&search_mode=CitingArticles&parentProduct=UA&parentQid=16&parentDoc=8&REFID=124655234&betterCount=5)  | 0.28  |
| **9.**  | Title: [**Behavior of ion-implanted helium and structural changes in nickel-base alloys under long-time exposure at elevated temperatures**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitationReport&qid=16&SID=Z1ncohj3gamJn2aB7nh&page=1&doc=9) Author(s): Chernov II; Kalin BA; Kalashnikov AN; et al.Conference: **8th International Conference on Fusion Reactor Materials (ICFRM-8)** Location: **SENDAI, JAPAN** Date: **OCT 26-31, 1997** Sponsor(s): **Tohoku Univ, Inst Mat Res; Min Educ Sci & Culture Japan, Int Symp Supporting Program; Atom Energy Soc Japan; Iron & Steel Inst Japan; Japan Inst Met; Japan Soc Appl Phys; Japan Soc Plasma Sci & Nucl Fus Res; Japanese Welding Soc; Japanese High Temp Soc; Amer Nucl Soc; AIME & ASM, Nucl Met Comm; British Nucl Energy Soc; European Nucl Soc; Japan Convent Bur** Source: JOURNAL OF NUCLEAR MATERIALS  Volume: **271**   Pages: **333-339**   DOI: **10.1016/S0022-3115(98)00718-1**   Published: **MAY 1999**  | 0  | 0  | 0  | 1  | 0  | [5](http://apps.webofknowledge.com/CitingArticles.do?product=UA&SID=Z1ncohj3gamJn2aB7nh&search_mode=CitingArticles&parentProduct=UA&parentQid=16&parentDoc=9&REFID=31500443&betterCount=5)  | 0.36  |
| **10.**  | Title: [**Be-Cu joints based on amorphous alloy brazing for divertor and first wall application**](http://apps.webofknowledge.com/full_record.do?product=UA&search_mode=CitationReport&qid=16&SID=Z1ncohj3gamJn2aB7nh&page=1&doc=10) Author(s): Kalin B; Fedotov V; Sevryukov O; et al.Conference: **8th International Conference on Fusion Reactor Materials (ICFRM-8)** Location: **SENDAI, JAPAN** Date: **OCT 26-31, 1997** Sponsor(s): **Tohoku Univ, Inst Mat Res; Min Educ Sci & Culture Japan, Int Symp Supporting Program; Atom Energy Soc Japan; Iron & Steel Inst Japan; Japan Inst Met; Japan Soc Appl Phys; Japan Soc Plasma Sci & Nucl Fus Res; Japanese Welding Soc; Japanese High Temp Soc; Amer Nucl Soc; AIME & ASM, Nucl Met Comm; British Nucl Energy Soc; European Nucl Soc; Japan Convent Bur** Source: JOURNAL OF NUCLEAR MATERIALS  Volume: **271**   Pages: **410-414**   DOI: **10.1016/S0022-3115(98)00796-X**   Published: **MAY 1999**  | 0  | 0  | 2  | 0  | 0  | [5](http://apps.webofknowledge.com/CitingArticles.do?product=UA&SID=Z1ncohj3gamJn2aB7nh&search_mode=CitingArticles&parentProduct=UA&parentQid=16&parentDoc=10&REFID=15988753&betterCount=5)  | 0.36  |