**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 |  | | http://images.webofknowledge.com/WOKRS55B6/images/spacer.gif |

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| **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 BA 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: **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 EP Conference: **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 |