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| [Physical background and simulation of creep in steels](http://links.springernature.com/f/a/wo9Pi-Lr30kDQSpFrEd4Zw~~/AABE5gA~/RgRg2r25P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMC0wMDkwMy01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NF83JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMDA2MjhXA3NwY0IKACS5OPhezbwqeVISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| T. Mandziej |

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| [Microstructure investigation of duplex stainless steel welds using arc heat treatment technique](http://links.springernature.com/f/a/LRWzhmIKHRDxoAysSQabVA~~/AABE5gA~/RgRg2r25P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMC0wMDkwNi0yP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NF83JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMDA2MjhXA3NwY0IKACS5OPhezbwqeVISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Andrea Putz, A. Hosseini, M. Westin, Norbert Enzinger |

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| [Effect of welding variables on GTAW arc stagnation pressure](http://links.springernature.com/f/a/w0GVTmChNrM1DNk0ZRJF3g~~/AABE5gA~/RgRg2r25P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMC0wMDkxOS14P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NF83JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMDA2MjhXA3NwY0IKACS5OPhezbwqeVISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Gabriel Asquel, Storto Bittencourt, Vieira Cunha |

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| [Effects of residual stress by EB welds on assessment of crack arrest temperature (CAT)](http://links.springernature.com/f/a/fJ3VoJMgd6wtppuVezN2DQ~~/AABE5gA~/RgRg2r25P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMC0wMDkwNS0zP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NF83JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMDA2MjhXA3NwY0IKACS5OPhezbwqeVISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Chiyomi Iwatake, Masahito Kaneko, Kazuyuki Matsumoto, Tsutomu Fukui, Shuji Aihara, Tomoya Kawabata |

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| [Influence of mill scale on weld bead geometry and thermal cycle during GTA welding of high-strength steels](http://links.springernature.com/f/a/7R1R5Tp4C35_GBlm-JkTnw~~/AABE5gA~/RgRg2r25P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMC0wMDkxMC02P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NF83JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMDA2MjhXA3NwY0IKACS5OPhezbwqeVISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Rahul Sharma, Uwe Reisgen |

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| Yasuhito Takashima, Chendong Shao, Fenggui Lu, Fumiyoshi Minami |

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| Lennart Josefson, R. Bisschop, M. Messaadi, J. Hantusch |

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| Yuanbo Jiang, Chengning Li, Xinjie Di, Dongpo Wang, Jiangcheng Liu |

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| Nam-Phong Nguyen, Stefan Behrens, Maximilian Brosda, Alexander Olowinsky, Arnold Gillner |

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| [Comparison of effect of shot-peening with HFMI treatment or use of LTT consumables on fatigue strength of 1300 MPa yield strength steel weldments](http://links.springernature.com/f/a/jcr53enbuOl91_VBIrEmkQ~~/AABE5gA~/RgRg2r25P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMC0wMDkxNy16P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NF83JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMDA2MjhXA3NwY0IKACS5OPhezbwqeVISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Ebrahim Harati, Lars-Erik Svensson, Leif Karlsson |

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| [Effect of increased yield strength, R-ratio, and plate thickness on the fatigue resistance of high-frequency mechanical impact (HFMI)–treated steel joints](http://links.springernature.com/f/a/JfULcW5zWA7D-J1zQI9Krg~~/AABE5gA~/RgRg2r25P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMC0wMDkxNC0yP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NF83JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMDA2MjhXA3NwY0IKACS5OPhezbwqeVISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| M. Leitner, Z. Barsoum |

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| [Simulation on Ti-based filler and vacuum brazing for TA15 alloy](http://links.springernature.com/f/a/7bSvkYnIrzjC1ctLYnfRkw~~/AABE5gA~/RgRg2r25P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMC0wMDkwOS16P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NF83JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMDA2MjhXA3NwY0IKACS5OPhezbwqeVISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Yongjuan Jing, Huaping Xiong, Yonglai Shang, Yaoyong Cheng |

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| [On the distortion and warping of cantilever beams with hollow section](http://links.springernature.com/f/a/dP6gqphSkV6te1trU5piiA~~/AABE5gA~/RgRg2r25P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMC0wMDkxMS01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NF83JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMDA2MjhXA3NwY0IKACS5OPhezbwqeVISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Timo Björk, Antti Ahola, Tuomas Skriko |

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| [Detailed investigation of adhesive fillet tubular T-joint of laminated FRP composite tube under axial compressive load](http://links.springernature.com/f/a/GcUNr_2rdSgj1bN6kkaKog~~/AABE5gA~/RgRg2r25P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMC0wMDkwOC0wP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NF83JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMDA2MjhXA3NwY0IKACS5OPhezbwqeVISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Kundan Bharti, L.A. Kumaraswamidhas, R.R. Das |

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| [Fatigue strength of transverse attachment steel joints with single-sided arc weld using low transformation temperature welding consumable](http://links.springernature.com/f/a/s4xwW16zDaaa_-O8pS8opA~~/AABE5gA~/RgRg2r25P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMC0wMDkxNS0xP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NF83JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMDA2MjhXA3NwY0IKACS5OPhezbwqeVISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Takeshi Hanji, Kazuo Tateishi, Suguru Kano, Masaru Shimizu, Tadahisa Tsuyama, Toshio Takebuchi |

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| [Correction to: The impact of production-dependent geometric properties on fatigue-relevant stresses in aser-welded corrugated core steel sandwich panels](http://links.springernature.com/f/a/hncRKkAsG5fNqi2g7cFsHA~~/AABE5gA~/RgRg2r25P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMC0wMDkwMS03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NF83JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMDA2MjhXA3NwY0IKACS5OPhezbwqeVISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Peter Nilsson, Joakim Hedegård, Mohammad Al-Emrani, Rasoul Atashipour |

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| [**» Abstract**](http://links.springernature.com/f/a/hncRKkAsG5fNqi2g7cFsHA~~/AABE5gA~/RgRg2r25P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMC0wMDkwMS03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NF83JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMDA2MjhXA3NwY0IKACS5OPhezbwqeVISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce)    [**» Full text HTML**](http://links.springernature.com/f/a/hncRKkAsG5fNqi2g7cFsHA~~/AABE5gA~/RgRg2r25P0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMC0wMDkwMS03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82NF83JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMDA2MjhXA3NwY0IKACS5OPhezbwqeVISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) [**» Full text PDF**](http://links.springernature.com/f/a/XYemVEw5aut8ZMqta2JPGA~~/AABE5gA~/RgRg2r25P0SfaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9jb250ZW50L3BkZi8xMC4xMDA3L3M0MDE5NC0wMjAtMDA5MDEtNz91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjRfNyZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjAwNjI4VwNzcGNCCgAkuTj4Xs28KnlSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |

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