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3.2. AUBRECHT, V., BARTLOVÁ, M., Net emission coefficients of radiation in air and SF ₆ thermal plasmas, <i>Plasma Chemistry and Plasma Processing</i> . vol. 29, No.2, p. 131 – 147, 2009, ISSN: 0272-4324	56
3.3. PAVELKA, J., ŠIKULA, J., TACANO, M., TOITA, M., Amplitude of RTS noise in MOSFETs, In Proceedings 21st Int. Conf. on Microelectronics ICM, Eleuldj, M. (Ed)., s. 340-343, 2009, ISBN 978-1-4244-5815-8.	73
3.4. SEDLAK, P., HIROSE, Y., KHAN, S., A., ENOKI, M., ŠIKULA J., New automatic localization technique of acoustic emission signals in thin metal plates, <i>Ultrasonics</i> , vol. 49, No.2, p. 254 – 262, 2009, ISSN: 0041-624X	77
3.5. ŠIKULA, J.; PAVELKA, J.; TACANO, M.; TOITA, M., GRT model of RTS noise in MOSFETs, In Proceedings of The 21st International Conference on Microelectronics ICM 2009, s. 290-293, 2009, ISBN 978-1-4244-5815-8.	86
3.6. TOMÁNEK, P., MIKLÁŠ, J., BAJGAR, A., GRMELA, L., Sensor of back-scattered light polarization in body cells, In Optical sensors 2009, F. Baldini, J. Homola R. A., Lieberman (Eds)., <i>SPIE Proceedings</i> , vol. 7356, Bellingham, USA, paper ID 735628, 9 pages, 2009, ISSN 0277-786X	90