

## **AUTHOR INDEX – Volume 4**

*Heat Pipe Science and Technology: An International Journal*

### **Page Numbers for Issues:**

**Issues 1-2, 1-168; Issue 3, 169-250 Issue 4, 251-332**

- Anisimova, A., 227  
Batischev, A.G., 169  
Bezrodny, M.K., 77  
Burdo, O.G., 119  
Calautit, J.K., 197  
Chao, C.-I., 133  
Chaudhry, H.N., 197, 277  
Diba, F.H., 157  
Doktarau, V.V., 169  
Ferrandi, C., 1, 23  
Ghani, S.A., 197  
Golmohammadi, A., 157  
Grab, T., 217  
Grakovich, L.P., 251  
Grishin, S.S., 169  
Gross, U., 217  
Hirasawa, S., 241  
Hryshyn, S.A., 169  
Hughes, B.R., 197  
Kanonchik, L.E., 53  
Kawanami, T., 241  
Khairnasov, S., 227  
Koldashov, S.V., 169  
Kosoy, B.V., 119  
Kulakov, A., 307  
Lapensee, S., 307  
Lin, W.-K., 133  
Marach, S.O., 169  
Marengo, M., 1, 23  
Mishkinis, D., 307  
Molina, M., 1, 23  
Mousavi, S.R., 157  
Nakatsuka, M., 241  
Naumova, A., 227  
Noie, S.H., 157  
Nowee, S.M., 157  
Petsiuk, A.L., 169  
Prado, P., 307  
Rabetsky, M.I., 251  
Rassamakin, B., 227  
Riehl, R.R., 105  
Seliantev, V.A., 169  
Shirai, K., 241  
Sim, L.F., 197  
Slobodeniuk, M.I., 119  
Smirnov, G.F., 119  
Storch, T., 217  
Takeuchi, Y., 241  
Tang, Y., 181  
Torres, A., 307  
Vasiliev Jr., L.L., 39, 251  
Vasiliev, L.L., 39, 251  
Wagner, S., 217  
Wan, Z., 181  
Wang, X., 181  
Watanabe, Y., 241  
Xu, Y., 181  
Yao, H.-C., 133  
Yu, P.-Y., 133  
Zhuravlyov, A.S., 39  
Zinna, S., 1, 23

## **SUBJECT INDEX – Volume 4**

*Heat Pipe Science and Technology: An International Journal*

### **Page Numbers for Issues:**

**Issues 1-2, 1-168; Issue 3, 169-250 Issue 4, 251-332**

- air concentration, 241
- Alpha Magnetic Spectrometer, 1, 23
- ammonia heat pipe, 23
- boiling heat transfer coefficient, 181
- capillary pumped loop, 307
- CFD, 197
- climate chamber, 169
- conditions of effective work, 77
- copper heat pipe, 197
- crisis events, 77
- CuO nanoparticle, 157
- dual evaporator, 105
- electronics cooling, 181
- evaporation heat transfer, 119
- evaporation, 241
- experiment, 217
- falling film evaporation, 217
- Fe<sub>2</sub>O<sub>3</sub> nanoparticle, 157
- flat plate solar collector, 227
- geothermal energy, 217
- ground source heat pump (GSHP), 217
- heat exchange, 77
- heat pipe optimization, 197
- heat pipe, 53, 169, 227, 251
- heat transfer enhancement, 157
- heat transfer intensification, 39
- heat transfer, 241, 277
- hydrogenous gas, 53
- LHP simulation, 1
- limiting heat flows, 77
- liquid spreading speed, 241
- long horizontal condenser, 39
- loop heat pipe, 1, 23, 105, 307
- lumped parameter code, 1, 23
- magnetic measurement system, 169
- microgrooves, 119
- miniature loop heat pipe, 181
- nanocoatings, 251
- nanofluid, 181, 251
- nanotechnologies, 251
- numerical modelling, 53
- organic nanofluids, 157
- photovoltaic thermal collector, 227
- polymer nanocomposites, 251
- porous coating, 39
- porous layer, 241
- Prandtl number, 277
- pulsations, 119
- scintillation telescope for particle detection, 169
- SINDAFLUINT, 1
- sorbent, 53
- spacecraft thermal control, 307
- spacecraft, 1, 169
- spreading thermal conductivity, 133
- storage system, 53
- temperature, water, 277
- thermal control system for onboard equipment, 169
- thermal control, 105
- thermal diffusivity, 133
- thermal management, 53
- thermosyphon, 157, 227, 251
- transfer processes, 77
- transverse spacing, 197
- two-phase closed thermosyphon, 217
- two-phase flow instabilities, 119
- two-phase heat transfer loop, 307
- two-phase thermosyphons, 77

vapor chamber, 133  
vapordynamic thermosyphon, 39  
vessel, 53

water film, 241  
wind tunnel, 277