

OVERVIEW OF PUBLICATIONS (until December, 2017)

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|---|--|
| Peer-reviewed articles: | 102 published and accepted, 3 under review |
| Conference presentations: | 228 given, 3 upcoming |
| Invited Lectures: | 52 given |
| Edited Journal Issues: | 2 published |
| Other: | 2 book reviews |
| Citations of Journal articles (web of science): | 2223 |
| Hirsch index (web of science): | 26 |
| Citations of Journal articles (Google scholar): | 3150 |
| Hirsch index (Google scholar): | 31 |
| i10 index (Google scholar): | 67 |

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- A1. **Tsamopoulos, J.** and Brown, R.A., "*Non-linear oscillations of inviscid drops and bubbles*", J. Fluid Mech., 127, 519-537, (1983).
- A2. **Tsamopoulos, J.** and Georgakis, G., "*The effect of the relative size on the dynamics of fluidized bed dryers*", Chem. Eng. Comm., 23, 343-362, (1983).
- A3. **Tsamopoulos, J.** and Brown, R.A., "*Resonant oscillations of inviscid charged drops*", J. Fluid Mech., 147, 373-395, (1984).
- A4. Beris, A., **Tsamopoulos, J.**, Brown, R.A. and Armstrong, R.C., "*Creeping motion of a sphere through a Bingham plastic*", J. Fluid Mech., 158, 219-244, (1985).
- A5. **Tsamopoulos, J.**, Akylas, T. and Brown, R.A., "*Dynamics of charged drop break-up*", Proc. Roy. Soc. Lond., A401, 67-88, (1985).
- A6. **Tsamopoulos, J.** and Brown, R.A., "*Dynamic centering of liquid shells*", Phys. Fluids, 30(1), 27-35, (1987), <http://dx.doi.org/10.1063/1.866190>.
- A7. **Tsamopoulos, J.**, Poslinski, A. and Ryan, M., "*Equilibrium shapes and stability of captive annular menisci*", J. Fluid Mech., 197, 523-549, (1988), dx.doi.org/10.1017/S0022112088003350.
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- A9. Gupte, S. and **Tsamopoulos, J.**, "*Densification of porous materials by chemical vapor infiltration*", J. Electrochem. Soc., 136(2), 555-561, (1989), doi: 10.1149/1.2096681
- A10. Goethel, P., **Tsamopoulos, J.** and Yang, R.T., "*Modeling the channeling action of catalysts in gas-carbon reactions*", AIChE J., 35(4), 686-689, (1989).

- A11. **Tsamopoulos, J.**, Dandekar, H. and Scholtz, J., "*Gasification of graphite by the channeling action of metal catalysts*", J. Catalysis, **117**, 549-557, (1989).
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- A14. Vincett, M., **Tsamopoulos, J.** and Lund, C.R., "*Carbon gasification by Group VIII metal catalysts*", J. Catalysis, **126**, 279-290, (1990).
- A15. Pelekasis, N., **Tsamopoulos, J.** and Manolis, G., "*Equilibrium shapes and stability of charged and conducting drops*", Phys. Fluids, **A2(8)**, 1328-1340, (1990), <http://dx.doi.org/10.1063/1.857583>.
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- A17. Poslinski, A. and **Tsamopoulos, J.**, "*Inflation dynamics of fluid menisci inside a mold cavity: I. Deformation driven by small gas pressures*", Chem. Eng. Sci., **46(1)**, 215-232, (1991).
- A18. Poslinski, A., Orlicki, D. and **Tsamopoulos, J.**, "*Inflation dynamics of fluid menisci inside a mold cavity: II. Deformation driven by large gas pressures*", Chem. Eng. Sci., **46(2)**, 597-608, (1991).
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- A24. Pelekasis, N., Manolis, G. and **Tsamopoulos, J.**, "*A hybrid finite-boundary element method*

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- A29. **Tsamopoulos, J.** and Borkar, A., "*Transient rotational flow of an Oldroyd-B fluid over a disk*", *Phys. Fluids*, 6(3), 1144-1157, (1994).
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