

THE UNIVERSITY OF BRITISH COLUMBIA
Publications Record

SURNAME: Hatzikiriakos

FIRST NAME: Savvas

Initials:SGH

MIDDLE NAME(S): Georgios

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279. M. Misiak, P. Latko-Durałek, E. Baldy, Ż. Górecka, P. Durałek, A. Malmir, **S.G. Hatzikiriakos**, "Electrically conductive and flexible filaments of hot melt adhesive for the Fused Filament Fabrication process," *Physics of Fluids*, **36**, 037130 (2024)
278. H-J. Jung, C. Goonesinghe, Z. Zhang, Joseph Chang, K. Nyamayaro, H.A. Baalbaki, **S.G. Hatzikiriakos**, and P. Mehrkhodavandi, "Synthesis of High-Molecular-Weight Poly(ether-alt-ester) by 2 Selective Double Ring-Opening Polymerization of Spiroorthoesters," *ACS Macro Letters*, **13**, 2, 266–272 (2024)
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276. E. Mitsoulis and **S.G. Hatzikiriakos** "60 years of the Kaye-Bernstein, Kearsley, Zapas (K-BKZ) rheological constitutive law for polymers," *Physics of Fluids*, **35**, 103111 (2023)
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274. A. Malmir, J. Piette, B. Derakhshandeh, D. Sztukowski, and **S.G. Hatzikiriakos** "On the Thixotropy of Mature Fine Tailings" *Physics of Fluids*, **35**, 063103 (2023)
273. M. Danesh, P. Keyvani, R. Xiong, B. Derakhshandeh, J. Guo, **S. G. Hatzikiriakos**, "Rheological behavior of kaolinite/surfactant/air bubble suspensions," *J Non-Newtonian Fluid Mechanics*, **316**, 105034 (2023)
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271. B.M. Yavitt, Z. Zhang, D.J. Gilmour, L.L. Schafer, **S.G. Hatzikiriakos**, "Modular material properties in bimodal blends of amine functionalized polyolefins," *Rheologica Acta*, **62**, 145-156 (2023)
270. S.G. Hatzikiriakos, " Professor E. Mitsoulis's contributions to rheology and computational non-Newtonian fluid mechanics," *J Non-Newtonian Fluid Mechanics*, **311**, 104973 (2023)
269. K. Nyamayaro, P. Mehrkhodavandi, and **S.G. Hatzikiriakos**, " Impact of counterion valency on the rheology of sulfonated cellulose nanocrystal hydrogels," *Carbohydrate Polymers*, **302**, 120378 (2022)
268. B.M. Yavitt, T. Tomkovic, D.J. Gilmour, Z. Zhang, N. Kuanr, E. van Ruymbeke, L.L. Schafer and **S.G. Hatzikiriakos** "Rheology and Self-healing of Amine functionalized Polyolefins," *J Rheology*, **66**, 1125-1137 (2022)
267. J.H. Piette, A. Abbasi Moud, J. Poisson, Z. Hudson, B. Derakhshandeh, **S.G. Hatzikiriakos**, "Rheology of Mature Fine Tailings," *Physics of Fluids*, **34**, 063104 (2022)
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