REFEREED JOURNAL PUBLICATIONS (LINK)

h-index (Google Scholar): **16** - Top Co-authors: Prof. Dimitrios Bikiaris (LINK): [**21**] - Prof. George Z. Papageorgiou (LINK): [**20**]

To be submitted (1)

(27) N. Kasmi*, A. Lorenzetti, M. Hakkarainen*. Novel biodegradable and biobased polyurethanes with tunable thermal properties, optical transparency and enhanced mechanical performance, To be submitted to *Green Chemistry*.

Submitted (1)

(26) N. Kasmi, E. Bäckström, M. Hakkarainen*. Open-loop recycling of post-consumer PET to closed-loop chemically recyclable high-performance polyimines, Submitted to *Resources, Conservation and Recycling journal* (IF: 13.716) - "under review".

Published papers

(25) M. Safari, N. Kasmi, C. Pisani, V. Berthé, A. J. Müller*, Y. Habibi. Effect of the structural features of linear bio-based polyester plasticizers on the crystallization of polylactides, *International Journal of Biological Macromolecules* **2022**, *214*, 128-139. LINK

(24) N. Kasmi*, Z. Terzopoulou, Y. Chebbi, R. Dieden, Y. Habibi, D.N. Bikiaris. Tuning thermal properties and biodegradability of isosorbide-based polyester by compositional control through copolymerization with 2,5-furandicarboxylic acid, *Polym. Degrad. Stab.* **2022**, *195*, 109804. LINK

(23) D. G. Papageorgiou*, I. Tsetsou, R. O. Ioannidis, G. Nikolaidis, S. Exarhopoulos, N. Kasmi, D. N. Bikiaris, D. Achilias, G. Z. Papageorgiou*. A new era in engineering plastics: compatibility and perspectives of sustainable alipharomatic poly(ethylene terephthalate)/poly(ethylene 2,5-furandicarboxylate) blends, *Polymers* **2021**, *13(7)*, 1070. LINK

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(18) B. Quienne, N. Kasmi, R. Dieden, S. Caillol, Y. Habibi*. Isocyanate-free fully biobased star polyester-urethanes: synthesis and thermal properties, *Biomacromolecules,* **2020**, *21, 5,* 1943–1951. LINK

(17) N. Kasmi, N. Ainali, E. Agapiou, L. Papadopoulos, G.Z. Papageorgiou. D.N. Bikiaris*. Novel High Tg fully biobased poly(hexamethylene-co-isosorbide-2,5-furan dicarboxylate) Copolyesters: Synergistic Effect of Isosorbide Insertion on Thermal performance Enhancement, *Polym. Degrad. Stab.* **2019**, *169*, 108983. LINK

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(15) N. Kasmi, N. Poulopoulou, Z. Terzopoulou, D.G. Papageorgiou*, D.N. Bikiaris, G.Z. Papageorgiou*. Sustainable Thermoplastics from Renewable Resources: Thermal behavior of Poly(1,4-cyclohexane dimethylene 2,5-furandicarboxylate), *Eur. Polym. J.* **2019***, 112,* 1-14. LINK

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