

(A1) Publications in international peer reviewed journals

Citations ISI Web of Science (25-03-2022)

Hirsch Index (h-index): 44

10.988 citations

10.324 citations without self-citations

9.289 citing articles

9.063 citing articles without self-citations

31.13 average per item

335. R. Van Kerrebroeck, T. Horsten, C.V. Stevens, *Eur. J. Org. Chem.*, doi: 10.1002/ejoc.202200310
Bromide Oxidation: A safe Strategy for Electrophilic Brominations
334. B. Vandekerckhove, N. Piens, B. Metten, C.V. Stevens, T.S.A. Heugebaert, *Organic Process Research & Development* (2022). Doi.org/10.1021/acs.oprd.2c00079
Practical Ferrioxalate Actinometry for the Determination of Photon Fluxes Production-Oriented Photoflow Reactors
333. T. Scattolin, A. Simoens, C.V. Stevens, S. Nolan, *Trends in Chemistry*, **4**, 584 – 607 (2022). Doi.org/10.1016/j.trechm.2022.04.001
Flow chemistry of main group and transition metal complexes
332. B. Biesemans, J. De Clercq, C.V. Stevens, J.W. Thybaut, J. Lauwaert, *Catalysis Reviews - Science and Engineering*, doi: 10.1080/01614940.2022.2048570.
Recent advances in amine catalyzed aldol condensations
331. M. Dobbelaere, Y. Ureel, F. Vermeire, L. Tomme, C.V. Stevens, K. Van Geem, *Industrial & Engineering Chemistry Research*, **61**, 8581 - 8594 (2022).
Machine Learning for Physicochemical Property Prediction of Complex Hydrocarbon Mixtures
330. R. M. dos Passos, R. M. da Silva, P. V. D. Pontes, M.A. Morgano, A.J.A. Meirelles, C.V. Stevens, M.C. Ferreira, K.A. Sampaio, *LWT-Food Science and Technology*, **159**, 113197 (2022). Doi.org/10.1016/j.lwt.2022.113197
Phospholipase cocktail: A new degumming technique for crude soybean oil
329. T. Cauwenbergh, N.V. Tzouras, T. Scattolin, A. Simoens, C.V. Stevens, C. S. J. Cazin, S.P. Nolan, *ChemSusChem* (2021)
Continuous Flow Synthesis of NHC-Coinage Metal Amido and Thiolato Complexes: A Mechanism-based Process Development
328. S. Deketelaere, E. Van Den Broeck, L. Cools, D. Deturck, H. Naeyaert, K. Van Hecke, C. V. Stevens, V. Van Speybroeck, M. D'hooghe, *Eur. J. Org. Chem.*, 5823 -5830 (2021), doi: 10.1002/ejoc.202100975.
Unexpected formation of 2,2-dichloro-N-(chloromethyl)acetamides during attempted Staudinger 2,2-dichloro- β -lactam synthesis
327. M. Debruyne, V. Van Speybroeck, P. Van Der Voort, C.V. Stevens, *Green Chemistry*, **23**, 7361 – 7434 (2021) (selected as hot article). DOI: 10.1039/d1gc02319e
Porous Organic Polymers as metal free heterogeneous organocatalysts
326. J. Everaert, M. Debruyne, F. Vanden Bussche, K. Van Hecke, T.S.A. Heugebaert, P. Van Der Voort, V. Van Speybroeck, Christian V. Stevens, *Synthesis-Stuttgart* (2021). DOI: 10.1055/a-1626-5749.
Synthesis of Nitrile-Functionalized Polydentate N-Heterocycles as Building Blocks for Covalent Triazine Frameworks

325. D. Olejnik, E. Liwarska-Bizukojc, M. Galamon, E. Delbeke, K.M. Van Geem, C.V. Stevens, *Sustainability*, **13**, 7417 (2021). Doi.org:10.3390/su13137417
Effect of newly synthesized salts and three common micropollutants on the biochemical activity of nitrifiers
324. T. Cauwenbergh, N.V. Tzouras, T. Scattolin, S. Bhandary, A. Simoens, K. Van Hecke, C.V. Stevens, S.P. Nolan, *Chem, Eur. J.*, **27**, 13342 -13345 (2021).
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Endocrine disrupting potency and toxicity of novel sophorolipid quaternary ammonium salts
316. M.R. Dobbelaere, P.P. Plehiers, R. Van de Vijver, C.V. Stevens, K.M. Van Geem, *J. Phys. Chem. A*, **125**, 5166 - 5179 (2021). DOI : 10.1021/acs.jpca.1c01956
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315. F. Vanden Bussche, A. M. Kaczmarek, V. Van Speybroeck, Pascal Van Der Voort, C. V. Stevens, *Chem. – A Eur. J.*, **27**, 7214 - 7230 (2021). DOI: 10.1002/chem.202100007.
The overview of N-rich antennae investigated in lanthanide-based temperature sensing
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