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Web of Science: https://www.webofscience.com/wos/author/record/M-6445-2014

Scopus: https://www.scopus.com/authid/detail.uri?authorId=7005320726

Citation of papers (without self-citations) more than 4500 times, with H-index of 37.

SHORT CV

Personal Information

Education:

2012 Full Professor of Chemistry;

2007 Prof. of NCU, Toruń;

1995 PhD in Physical Chemistry from NCU, Toruń; Dissertation: The Study on the Molecular Interactions in the System: Adsorbate – Microporous Activated Carbon

1991 MSc in Physical Chemistry from NCU, Toruń;

Scientific Activities Honours:

2024 – the member of EU expert team

2024 – the member of NCN expert team

2023 – Invited Speaker - on 7CBNM conference, Nagano, Japan

2023 – Invited Speaker - planary lecture on 2M3-S conference, Toruń, Poland

2020 – Carbon 2020 in Kyoto – the member of the Scientific Committee

2019 – 2023 – The member of the team for the evaluation of Minister of Science and Higher Education awards

2019 – Scientist of the Future Award

2019 – Invited Speaker (Physical Chemistry Section) – PTCh Conference

2019 – The member of the team for the evaluation of Prime Minister Award

2019 – The member of the team for the evaluation of Prime Minister Award

2018-2019 – The member of NCN so called „Permanent Team" for the evaluation of NCN projects achievements

2017 – 2019 – The member of KEJN

2012 – The member of the international advisory committee of Carbon conference;\

2012 – The member of the scientific comitee of ISSHAC conference

2012 – Full Professor of Chemistry

2009 – The member of the scientific comitee of ISSHAC conference

2008 – Invited speaker – CBNM conference – Chiba, Japan

2007 – Prof. of NCU, Toruń

2006 – the Prime Minister of Poland Award for Habilitation

1995 – the Scholarship of Foundation for Polish Science.

One of the founders and members of Physicochemistry of Carbon Materials Research Group in Faculty of Chemistry, NCU, Toruń since October 1991.

GRANTS: leader of 15 projects,

Recent project in progres: Does the Snow Queen like black? Graphane, new carbon and self-healing nanomaterials in composite anti-ice Surfaces, 2022-2025, **2021/43/B/ST/00421**

Recent important papers (selected):

2025

A. Szczurek, S. Tsukagoshi, T. Ohba, S. Koter, E. Korczeniewski, G. Abdi, A.P. Terzyk, *The Phosphonitrilic-derived graphynes as promising adsorbents of greenhouse gases,* Microp. Mesop. Mater. 381 (2025) 113321 (IF=4.8, Q1)

S. Al-Gharabli, N. Al-Rifai, S. Jureviciute, A. Kareiva, A.P. Terzyk, E. Korczeniewski, E. Olewnik – Kruszkowska, Z. Flanc, W. Jankowski, W. Kujawski, J. Kujawa, *1-Adamantanamine implementation in surface engineering of biomimetic PVDF-based membranes for enhanced membrane distillation,* Desalination 596 (2025) (IF=8.3, Q1)

E. Korczeniewski, P. Bryk, E. Olewnik – Kruszkowska, P. Kowalczyk, A. Z. Wilczewska, K.H. Markiewicz, S. Boncel, S. Al-Gharabli, M. Sprynskyy, M. Świdziński, D. J. Smoliński, K. Fujisawa, T. Hayashi, P. Płóciennik, J.Kujawa, A.P. Terzyk, *Does the Snow Queen Like Black? Nanocarbon and Biosilica-Reinforced THV-Based Anti-Icing Sponges,* Composites B. 295 (2025) 112153 (IF=12.7, Q1)

2024

J. Kujawa, S. Al-Gharabli, E. Korczeniewski, A. P. Terzyk, P. Bryk, E. Olewnik – Kruszkowska, W. Kujawski, *Toward effective fluorinated terpolymer-based materials for desalination with superior mechanical, chemical and anti-icing features,* Desalination 573 (2024) 117227 (IF=9.9, Q1)

J. Kujawa, S. Boncel, S. Al-Gharabli, S. Koter, W. Kujawski, K. Kaneko, K. Li, E. Korczeniewski, A.P. Terzyk, *Concerted role of PVDF and carbon nanomaterials for membrane science,* Desalination 574 (2024) 117277 (IF=9.9, Q1)

E. Korczeniewski, P. Bryk, P. Kowalczyk, A.Z. Wilczewska, S. Boncel R. Jędrysiak, M. Świdziński, S. Al-Gharabli, E. Olewnik – Kruszkowska, J. Kujawa, A.P. Terzyk, *From Hansen Solubility Parameters To New Anti-icing, Viscoelastic Sponges of Terpolymer of Tetrafluoroethylene, Vinylidenefluoride, and Hexafluoropropylene (THV)*, Chemical Engineering Journal, 482 (2024) 148777 (IF=15.1, Q1)

2023

S. Al-Gharabli, Z. Flanc, K. Pianka, A.P. Terzyk, W. Kujawski, J. Kujawa, *Porcupine quills-like-structures containing smart PVDF/chitosan hybrids for anti-fouling membrane applications and removal of hazardous VOCs*, Chemical Engineering Journal, 452 (2023) 139281 (IF=16.744, Q1)

A. Piasecki, P. Paczos, M. Tuliński, M. Kotkowiak, M. Popławski, M. Jakubowicz, S. Boncel, A.A. Marek, T. Buchwald, B.Gapiński, A.P. Terzyk, E. Korczeniewski, M.Wieczorowski, *Microstructure, mechanical properties and tribological behavior of Cu-nano TiO2-MWCNTs composite sintered materials*, Wear 522 (2023) 204834 (IF=4.695, Q1)

A.W. Blacha, K.Z. Milowska, M.C. Payne, H.F. Greere, A.P. Terzyk, E. Korczeniewski, A. Cyganiuk, S.Boncel, *The origin of amphipathic nature of short and thin pristine carbon nanotubes – a fully recyclable 1D emulsion stabilizers*, Adv. Mater. Interf. (2023) 2202407 (IF=6.4, Q1)

E. Korczeniewski, P. Bryk, G.S. Szymański, P. Kowalczyk, M. Zięba, W. Zięba, M. Łępicka, K.J. Kurzydłowski, S. Boncel, S. Al-Gharabli, M. Świdziński, D.J. Smoliński, K. Kaneko, J. Kujawa, A.P. Terzyk, *Open Sensu Shaped Graphene Oxide and Modern Carbon Nanomaterials in Translucent Hydrophobic and Omniphobic Surfaces – Insight Into Wetting Mechanisms*, Chemical Engineering Journal, (2023) 142237 (IF=16.744, Q1)

W. Ogieglo, K. Knozowska, T. Puspasari, Z. Ali, J. Kujawa, E. Korczeniewski, A.P. Terzyk, W. Kujawski, I. Pinnau, *Unlocking complex chemical and morphological transformations during thermal treatment of O-hydroxyl-substituted polyimide of intrinsic microporosity: Impact on ethanol/cyclohexane separation*, Journal of Membrane Science, 684 (2023) 121881 (IF=10.53, Q1)

J. Kujawa, S. Al-Gharabli, A. Szymczyk, A.P. Terzyk, S. Boncel, K. Knozowska, G. Li, W. Kujawski, *On membrane-based approaches for rare earths separation and extraction – recent developments*, Coordination Chemistry Reviews, 493 (2023) 215340 (IF=24.833, Q1)

J. Trzcińska-Wencel, M. Wypij, A. P. Terzyk, M. Rai P. Golińska, *Biofabrication of novel silver and zinc oxide nanoparticles from Fusarium solani IOR 825 and their potential application in agriculture as biocontrol agents of phytopathogens, and seed germination and seedling growth promoters,* Frontiers in Chem. 11 (2023) (IF=5.5, Q1)

S. Boncel, J. Kałużny, J.Różański, B. Strzemiecka, T.Runka, Ł. Wojciechowski, J. Kujawa, E. Korczeniewski, A.P. Terzyk, P. Błaszkiewicz, A.A. Marek, A. Kolanowska, R.G. Jędrysiak, S.Ruczka, G. Dzido, T. Giżewski, *Carbon nanotubes as fast-thickening agents in polyalphaolefin greases: partial crystallinity and intertube joints toward multifunctionality*, J. Mol. Liq. 391 (2023) 123215 (IF=6.0, Q1)

Interest and hobby: Karate do Shotokan (rank: nidan – 25.03.2017, Chief Instructor: Shihan Kenneth Funakoshi – FSKA), aquaristic, book reading, music