

CURRICULUM VITAE¹**1. Personal Details**

Permanent Home Address: POB 135, Kibbutz Tel Katzir, zip 1516500, Israel

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2. Higher Education**A. Undergraduate and Graduate Studies**

Period of Study	Name of Institution and Department	Degree	Year of Approval of Degree
2008-2012	Interdepartmental Program in Polymer Engineering, Technion - Israel Institute of Technology (IIT), Haifa, Israel.	Ph.D.	2013
2005-2008	Department of Chemical Engineering, Technion - Israel Institute of Technology (IIT), Haifa, Israel.	M.Sc.	2008
2001-2005	Department of Chemical Engineering, Technion - Israel Institute of Technology (IIT), Haifa, Israel.	B.Sc.	2005

B. Post-Doctoral Studies

Period of Study	Name of Institution, Department and Host	Degree	Year of Completion
2012-2013	Department of Chemical Engineering, Technion - Israel Institute of Technology (IIT), Haifa, Israel.	Post-doc Fellow	2013

¹ הפריטים הממורקים בצהוב נוספו לאחר סיום עבודת הועדה המקצועית בינואר 22. כל הפריטים המסומנים בכוכבית נוספו מאז הקידום למרצה בכיר

	Host: Prof. Moshe Narkis polymer lab		
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3. Academic Ranks and Tenure in Institutes of Higher Education

Dates	Name of Institution and Department	Rank/Position
* Jan. 27 th 2020	Kinneret Academic College, Israel	Acceptance of Academic tenure ²
* 2014; 2018-present	Department of Chemical Engineering, Technion IIT, Israel	External Faculty
* 2013-present	Water Industries Engineering, Kinneret Academic College, Israel	Faculty member, Senior lecturer
* 2014-2018	Ort Braude College, Department of Mechanical Engineering and Department of Biotechnology, Israel	External Faculty
2012-2013	Water Industries Engineering, Kinneret Academic College, Israel	External Faculty
2005-2012	Teaching assistant for three chemical engineering courses: Separation Processes I, Separation Processes II and Polymers Laboratory, Department of Chemical Engineering, Technion IIT, Israel	Teaching assistant

4. Offices in Academic Administration

Dates	Name of Institution and Department	Office
* Starting June 2022	Kinneret Academic College	Chairman of Kinneret Institute for Industrial Water Engineering Research
* Starting October 2021	Kinneret Academic College	Head of the Water Industry Engineering Department
* 2020-present	Kinneret Academic College	Senior Lecturers Representative, Academic Council
* 2019-present	Kinneret Academic College	Member of the committee for reduction teaching hours for research point
* 2019-present	Kinneret Academic College	Member of the Nanotechnology forum
* 2018-present	Kinneret Academic College	Member of the Research Authority Council
* 2018-2019	Kinneret Academic College	Member of the Faculty Member Promotion Committee

²In 2020, an agreement was signed between Kinneret Academic College and the academic committee, for granting tenure. Until then there was no such agreement.

* 2017-2019	Kinneret Academic College	Member of the Discipline Committee
* 2013-present	Kinneret Academic College	Member of the General Course curriculum committee

5. Scholarly Positions and Activities Outside the Institution

A. Membership in Editorial Boards of Scientific or Professional Journals

* 2022	Guest Editor of a Special Issue on "Preparation and Application of Grafted Polymers", Polymers MDPI (I.F. 5.0)	
*2020-2021	Guest Editor of a Special Issue on "Polymerization Technologies in the Presence of Nanoparticles", Processes MDPI (I.F. 3.352)	
*2017-2018	MAYFEB Journal of Materials Science	

B. Reviewer

1. Journal Article Reviews (and no. of papers reviewed)

*2015 (1)	Carbon (I.F. 11.307)
*2016 (1)	
*2013 (1)	Chemical Engineering Journal (I.F. 16.774)
*2013 (1)	Composites Science and Technology (I.F. 9.879)
*2013 (2)	Composites (I.F. 6.444)
*2013 (1)	European Polymer Journal (I.F. 5.546)
*2016 (1)	
*2014 (1)	Graphene (I.F. 5.0)
*2016 (2)	
*2017 (1)	
*2015 (1)	Journal of Materials and Design (I.F. 5.770)
*2014 (1)	Journal of Nanoscience and Nanotechnology (I.F. 1.354)
*2013 (1)	Journal of Polymer Engineering (I.F. 1.624)
*2016 (2)	Journal of Applied Polymer Science (I.F. 3.125)
*2014 (1)	Journal of Polymer Science (I.F. 3.046)
*2011 (1)	Polymers for Advanced Technologies (I.F. 3.348)
*2012 (1)	
*2013 (2)	
*2014 (2)	
*2015 (5)	

*2016 (1)	
*2020 (1)	Polymer Engineering and Science (I.F. 2.573)
*2012 (1)	Polymer Composites (I.F. 3.531)
*2013 (2)	
*2014 (1)	
*2015 (4)	
*2014 (1)	Polymer International (I.F. 3.213)
*2012 (2)	Reviews in Chemical Engineering (I.F. 8.742)
*2014 (1)	
*2015 (2)	
*2018 (1)	
2012 (1)	Sensor Letters (I.F. 0.811)
2012 (1)	Synthetic Metals (I.F. 4.000)
*2015 (1)	Applied Catalysis A (I.F. 5.723)
*2018 (1)	Crystals MDPI (I.F. 2.670)
*2016 (2)	e-polymers (I.F. 3.074)
*2016 (1)	Materials (I.F. 3.748)
* 2022 (1)	
*2016 (3)	Polymer and Composite Materials
*2015 (1)	Polymers MDPI (I.F. 5.0)
*2016 (1)	
* 2021 (1)	
* 2022 (1)	
* 2023 (1)	
* 2021 (1)	Nanomaterials MDPI (I.F. 5.719)
*2019 (1)	
*2016 (2)	Diamond and Related Materials (I.F. 3.806)
*2021 (1)	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy (I.F. 4.831)
* 2021 (1)	Micro MDPI (I.F. 0.586)
* 2021 (1)	Membranes MDPI (I.F. 4.562)

2. Proposal Reviews

* Since June 2022	Reviewer for the Israeli Ministry of Environmental Protection
* Since March 2021	Reviewer for the German-Israeli Foundation for Scientific Research and Development

* Since March 2020	Reviewer for the Israeli Science Foundation grants
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C. Membership in professional/Scientific societies

* 2013-present	Israel Polymers and Plastics Society (IPPS)
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D. Supervision of graduate students

1. Graduate student's examiner

Name of Student	Title of Thesis	Degree	Date of Completion / in Progress
* Abed Azeiza ElHackim	Fabrication of bi-functional graphite fiber cathode for heterogenous Electro-Fenton process	PhD candidate	February 2024
* Sapir Willdorf	Stability studies of anion-conducting polymers for fuel cells	PhD	June 2023
* Yona Lee	Stability studies of anion exchange membranes for fuel cell	PhD	May 2023
* Ariel Mariash	Examining the feasibility of producing phosphorous liquid fertilizer for use in a hydroponic system from cowshed wastewater and iron waste of water desalination plants	MSc	June 2022
* Shay Levita	Development of a continuous fermenter for fixation of atmospheric nitrogen to ammonium through combination Azospirillum brasilense bacteria and fertilizer capsule technology	MSc	October 2021

6. Participation in Scholarly Conferences

A. Active Participation

1. International Conferences

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
* 24.5.2023	A Agricultura do Algarve a falar sobre... Água	Lisbon, Portugal	Israel water miracle	Lecture

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
* 15.6.2022	The 49 th conference of the Israel polymers and plastics society	Ramat Gan, Israel	Development and Characterization of Integrated Nano-Sensors for Organic Residues and pH Field Detection	Lecture and Poster presentation
* 3-7.10.2021	Controlled Release Society and Polymers for Advanced Technologies (ICRS-PAT 2021)	Hacienda Forest View Hotel, Ma'alot Tarshiha, Israel	“Grafting of Polyaniline by a Dynamic Inverse Emulsion Polymerization Technique onto Membranes as an Anti-Biofouling Agent: An Innovative Approach”	Lecture
* 5-6.10.2021	Nano Israel 2021	ICC Jerusalem International Convention Center, Jerusalem, Israel	“Grafting of Polyaniline by a Dynamic Inverse Emulsion Polymerization Technique onto Membranes as an Anti-Biofouling Agent: An Innovative Approach“	Poster
* 26-27.7.2021	Euroscicon Online Conference on Nanomaterials and Nanotechnology	Online conference	“Grafting of Polyaniline by a Dynamic Inverse Emulsion Polymerization Technique onto Membranes as an Anti-Biofouling Agent: An Innovative Approach”	Lecture
*3-4.12.2020	Material Science 2020	Online conference	“Grafting of Polyaniline by a Dynamic Inverse Emulsion Polymerization Technique onto Reverse Osmosis Membranes as an Anti-Biofouling Agent”	Lecture

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
*22.1.2020	The 48 th conference of the Israel polymers and plastics society	Tel-Aviv, Israel	“Grafting of Polyaniline by a Dynamic Inverse Emulsion Polymerization Technique onto Reverse Osmosis Membranes as an Anti-Biofouling Agent”	Lecture
*16-19.10.2016	Nature Inspires Creativity Engineers (NICE 2016)	Nice, France	“Hybrid Polyaniline/Nanoparticles Prepared by an Inverse Emulsion Polymerization Technique”	Lecture
*19-23.10.2014	The Europe-Africa Polymer Processing Society conference (PPS 2014)	Tel-Aviv, Israel	“Hybrid Polyaniline/Nanoparticles Prepared by an Inverse Emulsion Polymerization Technique”	Lecture
*19-23.10.2014	The Europe-Africa Polymer Processing Society conference (PPS 2014)	Tel-Aviv, Israel	“One-pot Approach for Synthesis of Conductive Hybrid Nanocomposites: Utilization as Electro-Mechanical Sensors”	Lecture
*28-30.4.2014	the Society of Plastic Engineers (SPE) ANTEC 2014 conference	Las-Vegas, USA	“Hybrid Polyaniline/Nanoparticles Prepared by an Inverse Emulsion Polymerization Technique”	Lecture
*28-30.4.2014	the Society of Plastic Engineers (SPE) ANTEC 2014 conference	Las-Vegas, USA	“Highly-Tunable Polymer/CNTs Nanostructures: From Polymer Composites to	Lecture

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
			Nanotube Porous Structures”	
*23-25.2.2014	the 16 th Israel Materials Engineering Conference (IMEC 2014)	Technion, Israel	“Hybrid Polyaniline/Nanoparticles Prepared by an Inverse Emulsion Polymerization Technique”	Lecture
*16-21.6.2013	the 2013 European Polymer Federation (EPF) International conference	Pisa, Italy	“Hybrid Polyaniline/Nanoparticles Prepared by an Inverse Emulsion Polymerization Technique”	Lecture and Poster presentation
11.12.2012	41 st conference of the Israel polymers and plastics society	Ramat Gan, Israel	Hybrid Polyaniline/Nanoparticles Prepared by an Inverse Emulsion Polymerization Technique”	Lecture
3-6.7.2012	the 9 th international conference on nanoscience and nanotechnologies (NN12)	Thessaloniki, Greece	“Hybrid Polyaniline/Nanoparticles Prepared by an Inverse Emulsion Polymerization Technique”	Lecture
27.3.2012	"Nano Israel 2012", the International Nanotechnology Conference	Tel-Aviv, Israel	“Hybrid Polyaniline/Nanoparticles Prepared by an Inverse Emulsion Polymerization Technique”	Poster presentation
28.2-1.3.2012	the 15 th Israel Materials Engineering	Dead Sea, Israel	“Hybrid Polyaniline/Nanoparticles Prepared by an Inverse	Poster presentation

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
	Conference (IMEC 2012)		Emulsion Polymerization Technique”	
15.12.2011	the 40 th conference of the Israel polymers and plastics society	Ramat Gan, Israel	“Hybrid Polyaniline/Nanoparticles Prepared by an Inverse Emulsion Polymerization Technique”	Lecture
2-5.10.2011	the Polymers for Advanced Technologies conference (PAT 2011)	Lodz, Poland	“Hybrid Polyaniline/Nanoparticles Prepared by an Inverse Emulsion Polymerization Technique”	Lecture
25-30.3.2011	the 2011 Society for the Advancement of Material and Process Engineering (SAMPE) International conference	Paris, France	“Hybrid PANI/CNT Nano-composites Prepared by an Inverse Emulsion Polymerization Technique”	Lecture and Poster presentation
2.12.2010	39 th conference of the Israel polymers and plastics society	Ramat Gan, Israel	“Investigation of Hybrid Polyaniline/CNT Nano-composites using an Inverse Emulsion Polymerization Technique”	Lecture
28-30.4.2010	6 th Conference on Nanostructured Polymers and Nanocomposites	Madrid, Spain	“Development and Characterization on Nanocomposites Based on Monomer Polymerization in the	Poster presentation

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
			Presence of Nano-particles”	
25-27.4.2010	3 rd Young Polymer Scientists Conference	Madrid, Spain	“Hybrid Electrically Conducting Systems: Polyaniline/Carbon Nanotubes”	Lecture
8.12.2009	the 38 th conference of the Israel polymers and plastics society	Ramat Gan, Israel	“Investigation of Hybrid Polyaniline/CNT Nano-composites using an Inverse Emulsion Polymerization Technique”	Lecture
11-14.10.2009	the 10 th international symposium on polymers for advanced technologies	Jerusalem, Israel	“Investigation of Hybrid Polyaniline/CNT Nano-composites using an Inverse Emulsion Polymerization Technique”	Lecture
30-31.3.2009	"Nano Israel 2009", the International Nanotechnology Conference	Jerusalem, Israel	“Fabrication of Composite Polyaniline/CNT Nanofibers Using an Ultrasonically Assisted Polymerization“	Poster presentation

2. National Conferences

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
* 10.12.2021	Israel 7 th Water conference	Kinneret Academic College, Israel	Development and Characterization of integrated Nano-Sensors for Organic Residues and pH Field Detection	Poster
*10.3.2015	The 43 rd conference of the Israel polymers and plastics society	Karmiel, Israel	“Hybrid Polyaniline/Nanoparticles Prepared by an Inverse Emulsion Polymerization Technique”	Lecture
4.7.2011	the 39 th midyear conference of the Israel polymers and plastics society	Haifa, Israel	“Hybrid Polyaniline/Nanoparticles Prepared by an Inverse Emulsion Polymerization Technique”	Lecture
3.8.2009	"Nano-student 2009" convention	Bar-Ilan University, Israel	“Fabrication of Composite Polyaniline/CNT Nanofibers Using an Ultrasonically Assisted Polymerization“	Poster presentation
10-15.2.2008	The Russell Berrie Nanotechnology Institute (RBNI) winter school	Dead Sea, Israel	“Development and Characterization on Nanocomposites Based on Monomer Polymerization in the Presence of Nanoparticles”	Poster presentation
30.11.2006	42 nd Israel Institute of Chemical Engineers	Tel Aviv, Israel	“Development and Characterization on Nanocomposites Based on Monomer	Lecture

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
* 10.12.2021	Israel 7 th Water conference	Kinneret Academic College, Israel	Development and Characterization of integrated Nano-Sensors for Organic Residues and pH Field Detection	Poster
	(IChE) Conference		Polymerization in the Presence of Nano-particles”	

B. Organization of Conferences or Sessions

Date	Name of Conference	Place of Conference	Subject of Conference/ Role at Conference/ Comments	Role
* November 16-27 th , 2023	Israel 9 th Water Conference within the Israeli Water Week (IWW)	Kinneret Academic College	Water treatment and management	Organizing Committee
* November 20-28 th , 2022	Israel 8 th Water Conference within the Israeli Water Week (IWW)	Kinneret Academic College	Water treatment and management	Organizing Committee
* September 7-9, 2022	Water Congress 2022	Chile / online	Water treatment and management	Organizing Committee
*December 10 th , 2021	Israel 7 th Water Conference within the Israeli Water Week (IWW)	Kinneret Academic College	Water treatment and management	Organizing Committee
* January 9 th , 2018	the 46 th conference of the Israel polymers	Ramat Gan	Polymers and plastics	Organizing Committee & Chairperson

	and plastics society			
* March 10 th , 2015	the 43 rd conference of the Israel polymers and plastics society	Karmiel	Polymers and plastics	Organizing Committee & Chairperson

7. Invited Lecturers/Colloquium Talks

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
* 22-24.4.2024	World Summit and Expo on Food Science and Technology	London, UK	Water Crisis: The Israel Experience	Plenary Speaker
* 6-7.9.2023	6 th International Conference on MATERIALS SCIENCE & NANOTECHNOLOGY"	Rome, Italy	"Grafting of Polyaniline by a Dynamic Inverse Emulsion Polymerization Technique onto Membranes as an Anti-Biofouling Agent: An Innovative Approach"	Invited lecture
* 19-21.6.2023	Global Summit and Expo on Materials Science and Engineering (GSEMSE2023)	Paris, France	"Grafting of Polyaniline by a Dynamic Inverse Emulsion Polymerization Technique onto Membranes as an Anti-Biofouling Agent: An Innovative Approach"	Invited lecture
* 27.10.2022	Water: A shared responsibility	Lisbon / Portugal	Water Crisis: The Israel Experience	Invited lecture
* 17-21.10.2022	International conference on Polymer Science and Engineering	Los Angeles, USA / Online	"Grafting of Polyaniline by a Dynamic Inverse Emulsion Polymerization Technique onto Membranes as an Anti-Biofouling Agent: An Innovative Approach"	Invited lecture
* 7-9.9.2022	Water Congress 2022 The 10 th International Congress on	Santiago, Chile / Online	Water Crisis: The Israel Experience	Keynote lecture

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
	Water Management in Mining and Industrial Processes			
* 27-30.11.2021	Vebleo-2021 Webinar on Materials Science, Engineering and Technology	Online conference	“Grafting of Polyaniline by a Dynamic Inverse Emulsion Polymerization Technique onto Membranes as an Anti-Biofouling Agent: An Innovative Approach”	Keynote lecture
*23-25.9.2021	9th International Congress & Expo on Biotech Materials 2021	Venice, Italy	“Grafting of Polyaniline by a Dynamic Inverse Emulsion Polymerization Technique onto Reverse Osmosis Membranes as an Anti-Biofouling Agent”	Invited lecture
*16.1.2017	The 45 th conference of the Israel polymers and plastics society	Ramat Gan, Israel	“Hybrid Polyaniline/Nanoparticles Prepared by an Inverse Emulsion Polymerization Technique”	Invited lecture
18.4.2012	The 20 th SAMPE ISRAEL annual conference	Tel-Aviv, Israel	“Hybrid Polyaniline/Nanoparticles Prepared by an Inverse Emulsion Polymerization Technique”	Invited lecture
28-30.4.2010	The 6 th Conference on Nanostructured	Madrid, Spain	“Hybrid Polyaniline/Nanoparticles Prepared by an Inverse	Keynote lecture

Date	Name of Conference	Place of Conference	Subject of Lecture/Discussion	Role
	Polymers and Nanocomposites		Emulsion Polymerization Technique”	

8. Research Grants³

A. Grants Awarded

Role in Research	Co-Researchers	Topic	Funded by/ Amount	Year
* PI		Super adsorbing nanocomposites for removal of Greenhouse Gases	The Israeli Ministry of Energy Approx. 135,000\$ per 3 years	2023-2026
* PI	<p>Prof. Alexandros G. Charalambides Associate Professor, Sustainable Energy Laboratory (www.climatehub.org.cy) Head of Department of Chemical Engineering EIT Climate-KIC Cyprus Hub Coordinator Corner of Athinon and Anexartisias, 57 3603, Lemesos, Cyprus</p> <p>Dr. Olympia Nisiforou - Department of Chemical Engineering Cyprus University of Technology Corner of Athinon and Anexartisias, 57 3603, Lemesos, Cyprus</p> <p>Prof. Savvas G. Loizou - Associate Professor and Department Chairman</p>	“Fabrication and characterization of sensors to detect oil spills in saltwater”	The ministry of Regional Cooperation Approx. 27,000\$ per 1 year	2022-2023

³ Research grants are funded academic research projects. Professional grants are projects funded by the Israeli Innovation Authority (IAA) or the industry, for R&D of innovative applications.

Role in Research	Co-Researchers	Topic	Funded by/ Amount	Year
	Director, Robotics Control and Decision Systems Lab. Mechanical and Materials Science and Engineering Cyprus University of Technology Dorothea Bldg 507 45 Kitiou Kyprianou Str., 3041, Lemesos, Cyprus			
*PI		“Development of anti-viral active coatings for Protective Respiratory Masks”	Israel Innovation Authority, R&D with ZDF Medical approx. 50,000\$	2021
*Co-PI	PI Prof. Ram Shpiner, Water Industry Engineering, Kinneret Academic College	Nanotechnology game changing: The use of Polyaniline/Silica Nanoparticles Hybrids and Granular Material to Empower, Increase Efficiency and Reduce Chemicals use in Traditional Deep-Bed Filtration.	Israel Water Authority, Approx. 70,000\$	January 2020- December 2021
*PI		“Development of smell adsorbing nanoparticles for recycled polymer systems” Provisional patent submitted during Feb. 2021	Israel Innovation Authority, Circle Consortium approx. 410,000\$	July 2019- June 2022

Role in Research	Co-Researchers	Topic	Funded by/ Amount	Year
*Co-PI	PI Dr. Giorgi Shtenberg, Institute of Agricultural Engineering, ARO, the Volcani Center	“Development and Characterization of Integrated Nano-sensors for Heavy metals, Organic Residues and pH Field Detection”	Ministry of Agriculture & Rural Development, Office of the Chief Scientist approx. 171,000\$	February 2019-January 2022

B. Professional Grants

Role in Research	Company	Topic	Funded by/ Amount	Year
*PI		“Development of mechanical enhanced nanocomposites”	Israel Innovation Authority, UBQ approx. 150,000\$	2022-2023
* CTO	Obvislim LTD.	“Methods of Reducing Nutrient Absorption in the Small Intestine (SI)”	Private investment 1,700,000\$ SEED	April 2022 – March 2024
* Co-PI	Mekorot / Israeli Institute of Biology (IIBR)	“Development of Antimicrobial coatings for pipes using N-Halamides”	Mekorot Israel national water co. Approx. 8,500\$	2021
* PI		“Development of anti-bacterial active coatings for livestock basins”	Lely International NV approx. 10,000\$	2021
*PI		“Development of smell adsorbing nanoparticles for treated waste”	Israel Innovation Authority, UBQ approx. 100,000\$	2021-2022
* Advisory board	KIINNS	“Eliminating Contamination from Food Production Lines”	Israel Innovation Authority and i4Vally incubator Approx. 350,000\$	April 2021 – March 2022

Role in Research	Company	Topic	Funded by/ Amount	Year
* CTO	Obvislim LTD.	“Methods of Reducing Nutrient Absorption in the Small Intestine (SI)”	Private investment 100,000\$	January 2020 – June 2020
* CTO	Obvislim LTD.	“Methods of Reducing Nutrient Absorption in the Small Intestine (SI)”	Israel Innovation Authority, Procedure 29 Approx. 260,000\$.	January 2019 – December 2019

C. Submission of Research Proposals – Pending

Role in Research	Co-Researchers	Topic	Funded by	Year
* PI	Prof. Jakub Raček, Prof. Kučerík Jiří and Prof. Hlavinek Petr, Brno University of Technology, Faculty of Civil Engineering, AdMaS Research Centre, Brno, the Czech Republic	Development and Testing of Electrochemical Sensors for Evaluating Water Quality after Municipal Wastewater Treatment (WATECHEMSEN)	Ministry of Science and Technology MOST Czech – Israel Approx. 100,000 Euro per 3 years	2024-2027
* PI		Fabrication and analysis of super adsorbing regenerable nanocomposites for removal of greenhouse gases	Israel Science Foundation (ISF 2023) Approx. 220,000\$ per 3 years	2024-2027
* PI		Development and Characterization of Integrated Nano-sensors for Continuous Organic Residues Detection	Israel Water Authority	2024 - 2026
* PI		Super adsorbing nanocomposites for removal of Greenhouse Gases from Livestock	Ministry of Agriculture & Rural Development, Office of the Chief Scientist	2024 - 2026
* Co-PI	Prof. Ram Shpiner (PI) and Prof. Didi Lin Water Industry Engineering, Kinneret Academic College	Development and Characterization of a rapid removal System of organic micropollutants in water and effluents	Israel Water Authority	2024 - 2026

* PI	Prof. Martina Zeleňáková, Technical University of Kosice, Slovakia	Fabrication and characterization of sensors to detect oil spills in saltwater	Ministry of Science and Technology MOST 2023	2023- 2026
* PI		Super adsorbing nanocomposites for removal of Carbon Dioxide gasses	JNF Canada the Climate Solution	2024
* PI		Super adsorbing nanocomposites for removal of Carbon Dioxide gasses	JNF Netherlands	2024
* PI		Super adsorbing nanocomposites for removal of Carbon Dioxide gasses	The Israeli Ministry of Environmental Protection Approx. 215,000\$ per 3 years	2022- 2024

D. Internal Grants

Role in Research	Co-Researchers	Topic	Funded by	Year
*PI	-	Multi-functional nanocomposites	Kinneret Academic College approx. 9,000\$	1/10/2023- 31/9/2024
*PI	-	Multi-functional nanocomposites	Kinneret Academic College approx. 9,000\$	1/10/2022- 31/9/2023
*Co-PI	PI Prof. Ram Shpiner, Water Industry Engineering,	Confidential	Kinneret Academic College approx. 9,000\$	1/10/2022- 31/9/2023

Role in Research	Co-Researchers	Topic	Funded by	Year
	Kinneret Academic College			
*PI	-	Hydrophobic and hydrophilic coatings	Kinneret Academic College approx. 9,000\$	1/10/2021-31/9/2022
*Co-PI	PI Prof. Ram Shpiner, Water Industry Engineering, Kinneret Academic College	Confidential	Kinneret Academic College approx. 9,000\$	1/10/2021-31/9/2022
*PI	-	Multi-functional nanoparticles for coating agricultural LDPE sheets	Kinneret Academic College approx. 6,000\$	1/10/2020-31/9/2021
*Co-PI	PI Prof. Ram Shpiner, Water Industry Engineering, Kinneret Academic College	Confidential	Kinneret Academic College approx. 6,000\$	1/10/2020-31/9/2021
*PI	-	Multi-functional nanoparticles for coating agricultural LDPE sheets	Kinneret Academic College approx. 6,000\$	1/10/2019-31/9/2020
*Co-PI	PI Prof. Ram Shpiner, Water Industry Engineering,	Confidential	Kinneret Academic College approx. 6,000\$	1/10/2019-31/9/2020

Role in Research	Co-Researchers	Topic	Funded by	Year
	Kinneret Academic College			
*PI	-	Multi-functional nanoparticles for coating agricultural LDPE sheets	Kinneret Academic College approx. 4,000\$	1/10/2018-31/9/2019
*Co-PI	PI Prof. Ram Shpiner, Water Industry Engineering, Kinneret Academic College	Confidential	Kinneret Academic College approx. 4,000\$	1/10/2018-31/9/2019
*PI	-	Fabrication of low-fouling membranes using polyaniline additive	Kinneret Academic College approx. 3,000\$	1/10/2017-31/9/2018
*Co-PI	PI Prof. Ram Shpiner, Water Industry Engineering, Kinneret Academic College	Confidential	Kinneret Academic College approx. 3,000\$	1/10/2017-31/9/2018
*PI	-	Fabrication of low-fouling membranes using polyaniline additive	Kinneret Academic College approx. 3,000\$	1/10/2016-31/9/2017
*Co-PI	PI Prof. Ram Shpiner, Water Industry Engineering,	Confidential	Kinneret Academic College approx. 3,000\$	1/10/2016-31/9/2017

Role in Research	Co-Researchers	Topic	Funded by	Year
	Kinneret Academic College			
*PI	-	Fabrication of low-fouling membranes using polyaniline additive	Kinneret Academic College approx. 3,000\$	1/10/2015– 31/9/2016
*PI	-	Fabrication of low-fouling membranes using polyaniline additive	Kinneret Academic College approx. 3,000\$	1/10/201- 31/9/2015
*PI	-	Fabrication of low-fouling membranes using polyaniline additive	Kinneret Academic College approx. 3,000\$	1/10/2013- 31/9/2014

E. Submission of Research Proposals – Not Funded

Role in Research	Co-Researchers	Topic	Funded by	Year
* PI		Rapid decomposition of plastic and bioplastic	Israel Innovation Authority, BioPlast Consortium approx. 400,000\$	2023-2025
* PI	Co-PI Dr. Giorgi Shtenberg, Institute of Agricultural Engineering, ARO, the Volcani Center	“Development of a hybrid-sensor for the detection of hormones and drugs pollutants in water reservoirs used for agriculture”	Ministry of Agriculture & Rural Development, Office of the Chief Scientist approx. 193,000\$	2023-2025

Role in Research	Co-Researchers	Topic	Funded by	Year
* PI	Co-PI Dr. Anais Barasinski Pau, Nouvelle-Aquitaine, France	Fabrication of Active Coatings for Anti-Algae Surfaces Composed of Ionic Polymers/Nanoparticle Hybrids	Research Program Maïmonide-Israel Israeli - French Call for proposals 2022, Ministry of Science and Technology MOST approx. 100,000\$ per 2 years	2022-2023
* PI	Prof. Kenneth M. Persson Water Resources Engineering Lund University Sweden	Use of Active Coatings for Sensors and Anti-Algae Surfaces of Ionic Polymers/Nanoparticle Hybrids	Ministry of Science and Technology MOST 2022 Approx. 400,000\$ per 5 years for each party	2022 - 2027
* Co-PI	Dr. Rivka Efrat Israeli Defense Force (IDF)	Confidential	Directorate of Defense Research & Development (DDR&D) Approx. 20,000\$ per 1 year	2022
* PI		Development of functional nanoparticles for recycling agriculture polymeric waste	Ministry of Agriculture & Rural Development, Office of the Chief Scientist approx. 330,000\$ per 3 years grant # 11-03-0002	2022-2024
		Pollutant removal from aqueous systems using cyclodextrin grafted to silica nanoparticles	Israel Science Foundation 2022 grant Approx. 300,000\$ per 3 years	2022-2024

Role in Research	Co-Researchers	Topic	Funded by	Year
* PI		Super adsorbing nanocomposites for removal of greenhouse gases	Ministry of Science and Technology MOST 2022 Approx. 230,000\$ per 3 years	2022-2024
* PI	Dr. Ruth Kaplan Israel National Culture Collection of Algae (INCCA) Kinneret Limnological Laboratory Israel Oceanographic & Limnological Research	Fabrication of Active Coatings for Anti-Algae Surfaces Composed of Ionic Polymers/Nanoparticle Hybrids	The Nekudat Hen program established by Yad Hanadiv Approx. 20,000\$.	2022
*PI	2021-2024 (3 years)	Israel Science Foundation (ISF 2021)	Fabrication of Active Coatings for Antibacterial and Antiviral Surfaces composed of Ionic Polymers/Nanoparticle Hybrids Application No. 1085/21	2021
*PI		Fabrication of Active Coatings for Antibacterial and Antiviral Surfaces composed of Ionic	Israel Science Foundation KillCorona special grant Approx. 100,000\$ per 2 year	2020

Role in Research	Co-Researchers	Topic	Funded by	Year
		Polymers/Nanoparticle Hybrids Application No. 3664/19		
*Co-PI	PI Prof. Ram Shpiner, Water Industry Engineering, Kinneret Academic College	Nanotechnology game changing: The use of Polyaniline/Silica Nanoparticles Hybrids and Granular Material to Empower, Increase Efficiency and Reduce Chemicals use in Traditional Deep-Bed Filtration.	Ministry of Science and Technology MOST 2019 Approx. 230,000\$ per 3 years	2019
*Co-PI	PI Dr. Dana Mizrahi, Israel Institute for Biological Research	Development of Hybrid Multi-Functional Materials for Water Treatment Applications Resubmitted application	PAZY Fund (Israel Atomic Energy Commission) Approx. 400,000\$ per 4 year	2019
*PI		Fabrication of Low-fouling Membranes using Electrospun Fibers composed of Polyaniline (PANI)/Biocompatible Polymer/Nanoparticle Hybrids Resubmitted application application No.415/19	Israel Science Foundation (ISF 2019) Approx. 70,000\$ per 3 year	2019
*PI		Fabrication of Low-fouling Membranes using Electrospun Fibers composed of Polyaniline	Israel Science Foundation (ISF 2018) Approx. 70,000\$ per 3 year	2018

Role in Research	Co-Researchers	Topic	Funded by	Year
		(PANI)/Biocompatible Polymer/Nanoparticle Hybrids application no. 2030/18		
*Co-PI	PI Dr. Dana Mizrahi, Israel Institute for Biological Research	Development of Hybrid Multi-Functional Materials for Water Treatment Applications	PAZY Fund (Israel Atomic Energy Commission) Approx. 400,000\$ per 4 year	2018
*Co-PI	PI Dr. Giorgi Shtenberg, Institute of Agricultural Engineering, ARO, the Volcani Center	Development and Characterization of Integrated Nano-sensors for Heavy-metals, Organic Residues, and pH for Field Detection	Ministry of Science and Technology MOST 2018 Approx. 170,000\$ per 3 years	2018
*PI		Development of Multi-Functional Porous Structure for Water Treatment and Energy Storage application no. 63630	Ministry of Science and Technology MOST 2017 Approx. 300,000\$ per 3 years	2017
*PI		Development of Hybrid Multi-Functional Materials with Biocompatible Polymers for Water Treatment Applications application No. 2101/17	Israel Science Foundation (ISF 2017) Approx. 100,000\$ per 4 years	2017
*Co-PI	PI	Reusable Cross-linked Polyethylene Slow-	Migal Fund 2017 Approx. 30,000\$ per 1 year	2017

Role in Research	Co-Researchers	Topic	Funded by	Year
	Dr. Omer Crane, Migal – Northern R&D	Release Heating Elements		
*PI	Co-PI Dr. Giorgi Shtenberg, Institute of Agricultural Engineering, ARO, the Volcani Center	Development and Characterization of Integrated Nano-sensors for Heavy-metals, Organic Residues, and pH for Field Detection application No. 1916- 001	Ministry of Science and Technology MOST Cleantech 2017 Approx. 220,000\$ per 3 years	2017
*PI	Co-PI Dr. Ilija Platzman, Max Planck Institute for Medical Research, Department of Biointerface Science & Technology, Heisenbergstr, Germany	Fabrication of Low- fouling Membranes Using Electrospun Fibers of Polycaprolactone (PCL) and Polyaniline (PANI) Hybrids Application no. I-1089- 307.4-2016	GIF Young Scientists' Program (GIF 2016) Approx. 20,000 Euro per 1 year	2016

9. Scholarships, Awards and Prizes

Year	Name/Awarding/Institution	Amount (for grants)
* February 2024	Best Researcher Award, Data Analysis Excellence Awards	
* February 2024	Outstanding Lecturer for 2022-2023 (ג'תשפ"ג).	
* December 2023	Finalist in Spring 2023 Water Council Tech Challenge, Milwaukee, USA	
* December 2023	Candidate for the "Nanomaterials 2024 Best Paper Award"	

Year	Name/Awarding/Institution	Amount (for grants)
* December 2022	Finalist in Spring 2022 Water Council Tech Challenge, Milwaukee, USA	
* December 2022	Outstanding Lecturer for 2021-2022 (תשפ"ב).	
* June 2021	Winner in Spring 2021 Water Council Tech Challenge, Milwaukee, USA	10,000\$
* December 2020	KIINNS was selected to the 2020 #Foodtech500 list - "The top 500 startup and scaleup companies shaping the future of food"	
* June 2019	The Roza and Henry Landshaft Foundation supporting engineering research	Approx. 7000\$
* April 2018	Selected as one (of 70) Successful Young Technion Graduates (up to age 45)	
* December 2017	Outstanding Lecturer for 2016-2017 (תשע"ז).	
April 2012	The Russell Berrie award for Outstanding Graduate Students	Approx. 1,500 \$
April 2012	Intel Award - a program to encourage personal excellence and academic and research excellence	Approx. 2,000\$
April 2012	The Russell Berrie Scholarship for Outstanding Graduate Students	1-year additional scholarship Approx. 6,000\$/year + 1,000\$ travel
March 2012	The Hershel Rich Technion Innovation Award for 2012	5,000\$ 1,200\$ reward for the faculty
March 2011	The Russell Berrie Scholarship for Outstanding Graduate Students	1-year additional scholarship Approx. 6,000\$/year + 1,000\$ travel
February 2011	The Miriam and Aaron Gutwirth Memorial Fellowship Scholarship for excellence in studies and research	1-year full scholarship Approx. 24,000\$/year + 1,000\$ travel
January 2011	SAMPE prize: elected to represent the Israeli Society for the Advancement of Material and Process Engineering	

Year	Name/Awarding/Institution	Amount (for grants)
	(SAMPE) at the 2011 SAMPE International Conference in Paris, March 2011	
May 2010	The Sydney Goldstein award for excellence in studies and contribution to faculty activity	Approx. 1000\$
January 2010	The Miriam and Aaron Gutwirth Memorial Fellowship Scholarship for excellence in studies and research. In the name of all the graduate students who also received this award, I delivered a speech at the ceremony when we received this grant.	1-year full scholarship Approx. 24,000\$/year + 1,000\$ travel
2003-2004	Dean's Honors List for two B.Sc. degree semesters	

10. Teaching

A. Courses Taught in Recent Years

Year	Name of Course	Type of Course Lecture/Seminar/ Workshop/High Learn Course/ Introduction Course (Mandatory)	Degree	Number of Students
* 2023 -	Process Simulation for Water Engineering	Introduction Course, Lectures in English Water Industry Engineering, Kinneret Academic College	B.Sc.	~40
* 2023 -	Granulation and Slow-release processes	Introduction Course, Water Industry Engineering, Kinneret Academic College	M.Sc.	~20
* 2012-2019	Heat and Mass Transfer	Introduction Course, Water Industry Engineering, Kinneret Academic College	B.Sc.	~50
* 2013-present	Introduction to Chemical and Biochemical Engineering	Introduction Course, Water Industry Engineering, Kinneret Academic College	B.Sc.	~50
* 2015-present	Introduction to Materials Engineering for Water Industry Engineering	Introduction Course, Water Industry Engineering, Kinneret Academic College	B.Sc.	~50
* 2017-present	Introduction to Materials Engineering for Gas and Energy Engineering	Introduction Course, Gas and Energy Engineering, Kinneret Academic College	B.Sc.	~20
* 2013-present	Physical Chemistry	Introduction Course,	B.Sc.	~70

Year	Name of Course	Type of Course Lecture/Seminar/ Workshop/High Learn Course/ Introduction Course (Mandatory)	Degree	Number of Students
		Water Industry Engineering and Gas and Energy Engineering, Kinneret Academic College		
* 2018-present	Process Simulation	Introduction Course, Gas and Energy Engineering, Kinneret Academic College	B.Sc.	~20
* 2019-present	Separation processes	Introduction Course, Gas and Energy Engineering, Kinneret Academic College	B.Sc.	~20
* 2019-present	Separation laboratory	Introduction Course, Gas and Energy Engineering, Kinneret Academic College	B.Sc.	~20
2005-2006 Instructor 2007 - 2012 Instructor in charge	The Laboratory for Polymer Engineering	High Learn Course, Department of Chemical Engineering, Technion -IIT	B.Sc. M.Sc. Ph.D. Post-doc	~20
* 2014, * 2019-present	The Laboratory for Polymer Engineering	High Learn Course, Department of Chemical Engineering, Technion -IIT	B.Sc. M.Sc. Ph.D. Post-doc	~15
* 2015-2017	Biomaterials	Lecture course Department of Mechanical Engineering and Department of Biotechnology, Ort Braude College	B.Sc.	~20
* 2015-2018	Separation Processes 1	Introduction Course, Department of Biotechnology, Ort Braude College	B.Sc.	~40
* 2013-2016	Polymeric Materials:	Lecture course Department of Mechanical Engineering, Ort Braude College	B.Sc.	~40

Year	Name of Course	Type of Course Lecture/Seminar/ Workshop/High Learn Course/ Introduction Course (Mandatory)	Degree	Number of Students
	Structure and Properties.			
* 2014-2015	Introduction to Chemistry	Introduction Course, Department of Mechanical Engineering, Ort Braude College	B.Sc.	~40
* 2017-2018	Introduction to Chemistry	Introduction Course, Kinneret Academic College, Galilium, Regional Partnership for Enrichment and Excellence in Science and Technology		~30

11. Miscellaneous

- *2016-present Group leader - The Laboratory of Polymers, Composites, and Nanocomposites, Water Industry Engineering Department, School of Engineering, Kinneret Academic College, Israel
- *2012-2017 The Polymer Laboratory, Department of Chemical Engineering, Technion IIT, Israel, Researcher
- 2003-2005 The Polymer Laboratory, Department of Chemical Engineering, Technion IIT, Israel, Research assistant

12. Professional Experience

- * 2022-present Chief Technology Officer (CTO) and Advisory Board NOWASTE LTD startup., consulting for advanced materials and improved processes.
- *2021- present Consultant to LOG Plastic Products Company Ltd., consulting for advanced materials and improved processes.
- *2020-Present Advisory Board KIINNS FoodTech LTD startup, consulting for innovative materials and processes
- *2018-Present Chief Technology Officer (CTO), Kinneret Innovation Center (KIC) Israel's leading tech-hub for agriculture, water, and sustainability
- *2017-Present Chief Technology Officer (CTO), Obvislim Limited, Development of innovative materials aimed for reducing obesity and diabetes.

- *2017-Present Advisor for 4th year undergraduate students on their research projects, Water Industry Engineering, Kinneret Academic College. Examples:
1. Controlling the hydrophilicity and hydrophobicity of low-density polyethylene (LDPE) sheets.
 2. Grafting of polyaniline (PANI) to reverse osmosis (RO) membranes.
 3. Antimicrobial materials
- *2015-Present Consultant in Industry (polymers, composites, nanocomposites, processes, etc.)
- *2015-2017 Advisor for 4th year undergraduate students on their research projects, Department of Mechanical Engineering, Ort Braude College.
- *2013-2015 Chief Technology Officer (CTO), Segol Limited
- 2012-Present Main writer of National Certification Test for chemical engineering technicians, at the Center for Educational Technology (CET). Evaluating technician's final projects for chemical engineering and water engineering.
- 2008-2012 Advisor for several 4th year undergraduate students on their research projects Department of Chemical Engineering, Technion.

PUBLICATIONS

Note:

- The order in which the authors appear in joint publications is based on their relative contribution.
- One asterisk (*) denotes publications either published or accepted for publication after appointment as a Senior Lecturer.

A. Ph.D. Dissertation

PhD Thesis: "Hybrid Electrically Conducting Systems: Polyaniline/Carbon Nanotubes", December 2012, English, 157 pages, supervisors: Prof. Moshe Narkis and Prof. Yachin Cohen, Technion, Israel.

Published papers: #3-5, 8-9, 11.

Published Patent: #1

B. Articles in Refereed Journals

Published Papers

1. * Shay Weiss, Amir Ben Shmuel, Dana M. Mizrahi, Itamar Chajanovsky, and **Ran Y. Suckeveriene**, Hybrid PANI-Halamine Design, Synthesis and Antibacterial Activity, *Journal of Water Process Engineering*, **56**, 104539 (2023), <https://doi.org/10.1016/j.jwpe.2023.104539> (I.F. 7.0 Q1; 6/103 (Water, Resources))
2. * I. Chajanovsky, S. Cohen, Giorgi Shtenberg and **R. Y. Suckeveriene**, Enhancement of Integrated Nano-Sensor Performance comprised of Electrospun PANI/Carbonaceous Material Fibers for Phenolic Detection in Aqueous Solutions, and pH Field detection, *Water Research*, **246**, 120709 (2023), <https://doi.org/10.1016/j.watres.2023.120709> (I.F. 12.8 Q1; 13/274 (Environmental Science))
3. * S. Cohen, I. Chajanovsky, and **R. Y. Suckeveriene**, Grafting of Poly(Ethylene Imine) to Silica Nanoparticles, *Nanomaterials MDPI*, **12 (13)**, 2237 (2022), <https://doi.org/10.3390/nano12132237> (I.F. 5.719 Q1; 35/160 (Physics, Applied))
4. * D. Nanda Kumar, Shirly Reingewirtz , Moshe Shemesh , **Ran Suckeveriene**, Giorgi Shtenberg, DNAzyme-based biosensor for sub ppb lead ions detection using porous silicon Fabry-Pérot interferometer, *Sensors and Actuators B*, **362**, 131761 (2022), <https://doi.org/10.1016/j.snb.2022.131761> (I.F. 9.221 Q1; 6/87 (Chemistry, Analytical))
5. * I. Chejanovsky, S. Cohen, Giorgi Shtenberg and **R. Y. Suckeveriene**, Development and Characterization of integrated Nano-sensors for Organic Residues, and pH Field detection, *Sensors MDPI, Special Issue: Application of Thin Film Materials in Sensors*, **21**, 5842, (2022) <https://doi.org/10.3390/s21175842>. (I.F. 3.847 Q2; 29/87 (Chemistry, Analytical)).

6. * Y. D Horev, A. Maity, Y. Zheng, Y. Milyutin, M. Khatib, N. Tang, **R. Y. Suckeveriene**, W. Wu, and H. Haick, Stretchable and Highly Permeable Polyaniline-based Nanofibrous Sensors for Detecting Complex Human Body Motion, *Advanced Materials*, 2102488 (2021). <https://doi.org/10.1002/adma.202102488>. (I.F. 32.086 Q1; 5/219 (Chemistry, Multidisciplinary))
7. * M. Bismuth, E. Zaltzer, M. Divagar, **R. Suckeveriene**, and G. Shtenberg, Real-Time Detection of Copper Contaminants in Environmental Water using Porous Silicon Fabry–Pérot Interferometer, *Analyst*, 146, 5160-5168 (2021) <https://doi.org/10.1039/D1AN00701G>. (I.F. 5.227 Q1; 18/87 (Chemistry, Analytical))
8. * I. Chajanovsky, and **R. Y. Suckeveriene**, Preparation of Hybrid Polyaniline/Nanoparticle Membranes for Water Treatment Using an Inverse Emulsion Polymerization Technique Under Sonication, *Processes MDPI* 8(11), 1503 (2020), <https://doi.org/10.3390/pr8111503>. (I.F. 3.352 Q2; 69/142 (Engineering, Chemical))
9. * O. Menashe, J. Rosen-Kligvasser, E. Kurzbaum, and **R. Y. Suckeveriene**, Investigation of the Structural Properties of Confined Cellulose Acetate Membranes, *Polymers for Advanced Technologies*, 1-9, (2020), <https://doi.org/10.1002/pat.5121>. (I.F. 3.348 Q2; 36/90 (Polymer Science))
10. * **R. Y. Suckeveriene**, Grafting of Polyaniline by a Dynamic Inverse Emulsion Polymerization Technique onto Reverse Osmosis Membranes as an Anti-Biofouling Agent, *Polymers for Advanced Technologies*, **30**, 1759-1766 (2019). <https://doi.org/10.1002/pat.4608>. (I.F. 3.348 Q2; 36/90 (Polymer Science))
11. E. Kurzbaum, Y. Raizner, O. Cohen, **R. Y. Suckeveriene**, A. Kulikov, B. Hakimi, L. Iasur Kruh, Y. Farber, O. Menashe, Encapsulated *Pseudomonas putida* for phenol biodegradation: Use of a structural membrane for construction of a well-organized confined particle, *Water Research*, **121**, 37-45 (2017) <https://doi.org/10.1016/j.watres.2017.04.079>. (I.F. 13.400 Q1; 1/100 (Water Resources))
12. * K. Shlosman, J. Rosen-Kligvasser, **R. Y. Suckeveriene**, R. Tchudakov, and M. Narkis, Novel Antifog Modification for Controlled Migration and Prolonged Wetting of LLDPE thin Films, *European Polymer Journal*, **90**, 220-230 (2017). (I.F. 5.546 Q1; 12/90 (Polymer Science))
13. * J. Rosen-Kligvasser, **R.Y. Suckeveriene**, R. Tchoudakov, M. Narkis, Extended Additives' Performance in Polyethylene Thin Films, *MRS Advances*, 1 (53), 3601-3606, DOI: 10.1557/adv.2016.494, (2016).
14. * J. Rosen-Kligvasser, **R.Y. Suckeveriene**, R. Tchoudakov, and M. Narkis, LLDPE Films Containing Monoester of Oleic Acid Grafted to Silica Particles as Durable Antifog Additives, *Polymer for*

- Advanced Technologies*, 28 (8), 931-939, DOI: 10.1002/pat.3827, (2017). (I.F. 3.348 Q2; 36/90 (Polymer Science))
15. * **R. Y. Suckeveriene**, R. Rahman, S. Napso, Y. Matatov, and M. Narkis, Dispersion of Carbon Nanotubes in Different Solvents for Thin Films Applications, *Journal of Emerging Trends in Engineering and Applied Science*, **7 (1)**, 1-7, (2016).
 16. * I. Brook, A. Berner, R. Tchoudakov, **R.Y. Suckeveriene**, and M. Narkis, Electro-mechanical sensors based on conductive hybrid nanocomposites, *Polymer for Advanced Technologies*, **26 (7)**, 889-897, (2015) Published online: 29.4.2015. DOI: 10.1002/pat.3526. (I.F. 3.348 Q2; 36/90 (Polymer Science))
 17. * R. Regueira, **R. Y. Suckeveriene**, I. Brook, G. Mechrez, R. Tchudakov, G. Grader, and M. Narkis, Investigation of the electro-mechanical behavior of hybrid polyaniline/graphene nanocomposites, fabricated by dynamic interfacial inverse emulsion polymerization, *Graphene*, **4**, 7-19, (2015) DOI 10.4236/graphene.2015.41002. (I.F. 5 Q2)
 18. * K. Shlosman, **R. Y. Suckeveriene**, J. Rosen-Kligvasser, R. Tchudakov, E. Zelikman, R. Semiat, and M. Narkis, Controlled Migration of Antifog Additives from LLDPE Compatibilized with LLDPE Grafted Maleic Anhydride, *Polymer for Advanced Technologies*, 25 (12), 1484-1491, (2014). (I.F. **3.348 Q2; 36/90** (Polymer Science))
 19. * I. Brook, A. Berner, R. Tchoudakov, **R.Y. Suckeveriene**, and M. Narkis, Conductive elastomeric nano-composites based on oxidation of aniline with silver nitrate via inverse emulsion polymerization, *Polymer for Advanced Technologies*, 25 (12), 1446-1453, (2014). (I.F. 3.348 Q2; 36/90 (Polymer Science))
 20. * G. Mechrez, **R. Y. Suckeveriene**, M. Narkis, and E. Segal, Polymer/Carbon Nanofillers Films Fabricated by Latex Technology, *Polymer for Advanced Technologies*, 25 (11), 1301-1306, (2014). (I.F. **3.348 Q2; 36/90** (Polymer Science))
 21. * I. Brook, G. Mechrez, **R. Y. Suckeveriene**, R. Tchoudakov, S. Lupo, and M. Narkis, Electrically-conductive hybrid elastomeric nanocomposites, *SPE plastic research online*, Published 20/12/13, DOI: 10.2417/spepro.005248. <https://doi.org/10.2417/spepro.005248>
 22. * J. Rosen-Kligvasser, **R. Y. Suckeveriene**, R. Tchudakov, and M. Narkis, A Novel Methodology for Controlled Migration of Antifog from Thin Polyolefin Films, *Polymer Engineering and Science*, 54 (9), 2023-2028, (2014). DOI: 10.1002/pen.23755. (I.F. 2.573 Q2; 85/142 (Engineering, Chemical))
 23. * I. Brook, G. Mechrez, **R. Y. Suckeveriene**, R. Tchoudakov, S. Lupo, and M. Narkis, The Structure and Electro-Mechanical Properties of Novel Hybrid CNT/PANI Nano-composites, *Polymer Composites*, 35 (4), 788-794 (2014), DOI 10.1002/pc. (I.F. 3.531 Q2; 33/90 (Polymer Science)).
 24. * **R. Y. Suckeveriene**, R. Rahman, M. Ovadia, D. Szczupak, G. Mechrez, and M. Narkis, Synthesis of Surfactant-Free Carbon Nanotube/ Poly(styrene-co-acrylamide) by Dynamic Interfacial Emulsion

- Polymerization under Sonication, *Polymers for Advanced Technologies*, 25 (1), 4-8, (2014). (I.F. **3.348** Q2; **36/90** (Polymer Science))
25. * I. Brook, G. Mechrez, **R. Y. Suckeveriene**, R. Tchoudakov, and M. Narkis, A Novel Approach for Preparation of Conductive Hybrid Elastomeric Nano-composites, *Polymers for Advanced Technologies*, 24 (8), 758-763 (2013). (I.F. **3.348** Q2; **36/90** (Polymer Science))
 26. * E. Zelikman, D. Alperstein, G. Mechrez, **R. Suckeveriene**, and M. Narkis, Study of interactions between single-wall carbon nanotubes and surfactant using molecular simulations, *Polymer Bulletin*, 70 (4), 1195-1204 (2013). (I.F. 2.843 Q2; 48/90)
 27. * **R. Y. Suckeveriene**, G. Mechrez, O. Hachamo Filiba, S. Mosheev and M. Narkis, Synthesis of Hybrid Polyaniline/CNT Nanocomposites in Toluene by Dynamic Interfacial Inverse Emulsion Polymerization under Sonication, *Journal of Applied Polymer Science*, 128 (3), 2129-2135 (2013). (I.F. 3.057 Q2; 43/90 (Polymer Science))
 28. G. Mechrez, **R. Y. Suckeveriene**, E. Zelikman, J. Rosen, N. Ariel-Sternberg, R. Cohen, M. Narkis, and E. Segal, Highly-Tunable Polymer/Carbon Nanotubes Systems: Preserving Dispersion Architecture in Solid Composites via Rapid Microfiltration, *ACS Macro Letters*, 1, 848–852 (2012). (I.F. 7.015 Q1; 7/90 (Polymer Science))
 29. G. Mechrez, **R.Y. Suckeveriene**, R. Tchoudakov, A. Kigly, E. Segal, and M. Narkis, Structure and Properties of Multi-Walled Carbon Nanotube Porous Sheets with Enhanced Elongation, *Journal of Materials Science*, 47(16), 6131-6140 (2012). (I.F. 4.682 Q2; 128/345 (Materials Science, Multidisciplinary))
 30. **R.Y. Suckeveriene**, R. Rahman, I. Shtein, N. Kharlamova and M. Narkis, Synthesis of Styrene-Acrylamide Copolymer by Surfactant-free Sonicated Dynamic Interfacial Polymerization, *Polymers for Advanced Technologies*, 23, 1536-1542 (2012). (I.F. **3.348** Q2; **36/90** (Polymer Science))
 31. **R. Y. Suckeveriene**, E. Zelikman, G. Mechrez, A. Tzur, I. Frisman, Y. Cohen and M. Narkis, Synthesis of Hybrid Polyaniline/CNT Nanocomposites by Dynamic Interfacial Inverse Emulsion Polymerization under Sonication, *Journal of Applied Polymer Science*, 120, 676-682 (2010). (I.F. 3.057 Q2; 43/90 (Polymer Science))
 32. E. Zelikman, **R. Y. Suckeveriene**, G. Mechrez, and M. Narkis, Fabrication of Composite Polyaniline/CNT Nanofibers Using an Ultrasonically Assisted Dynamic Inverse Emulsion Polymerization Technique, *Polymers for Advanced Technologies*, 21, 150-152 (2010). (I.F. 3.348 Q2; **36/90** (Polymer Science))
 33. **R. Y. Suckeveriene**, A. Tzur, M. Narkis, and A. Seigmann, Grafting of Polystyrene Chains on Surfaces of Nano-silica Particles via Peroxide Bulk Polymerization. *Polymer Composites*, 30, 422-428 (2007). (I.F. 3.531 Q2; 33/90 (Polymer Science))

34. **R. Y. Suckeveriene**, A. Tzur, M. Narkis, and A. Seigmann, Grafting of polymer chains onto nano-silica particles via peroxide bulk polymerization. *Journal of Nanostructured Polymers and Nanocomposites*, 3, 13-21 (2007).

C. Review Papers

1. * S. Cohen, E. Zelikman, and **R. Y. Suckeveriene**. Review of Ultrasonically Induced Polymerization in the Presence of Nanoparticles, *Invited manuscript for Processes (MDPI) special issue, Processes*, 8 (12), 1680 (2020), <https://doi.org/10.3390/pr8121680> (I.F. 3.352 Q2; 69/142 (Engineering, Chemical))
2. **R.Y. Suckeveriene**, E. Zelikman, G. Mechrez and M. Narkis, Literature Review: Conducting Carbon Nanotube/Polyaniline Nanocomposites, *Reviews in Chemical Engineering*, 27, 15-21 (2011). (I.F. 8.742 Q1; 15/142)

D. Articles or Chapters in Scientific Books

1. * **R.Y. Suckeveriene**, Polymers and Nanocomposites with High Thermal Conductivity, *Importance & Applications of Nanotechnology eBooks*, Volume 7, Chapter 4, pp. 26-32, MedDocs Publishers LLC, Reno, Nevada, USA, (2021). <http://meddocsonline.org/ebook-nanotechnology-Volume-7.html>.
2. **R.Y. Suckeveriene**, E. Zelikman and M. Narkis, Hybrid Electrically Conducting Nano-composites Comprising Carbon Nanotube/ICP Systems, *Encyclopedia of Composites*, 2nd Edition, 2, 1319-1334 (2012), Editors: Luigi Nicolais Assunta Borzacchiello, publisher John Wiley & Sons, Hoboken, New Jersey, (2012). ISBN (printed set): 978-0-470-12828-2.

E. Refereed Papers in Conference Proceedings

1. * **R. Y. Suckeveriene**, G. Mechrez, and M. Narkis, Hybrid PANI/CNT nanocomposites prepared by an inverse emulsion polymerization technique, *Proceedings of the 2014 SPE ANTEC Meeting, Las Vegas, NV*, 28-30.4.2014, P. 614-618.
2. * I. Brook, G. Mechrez, **R. Y. Suckeveriene**, R. Tchudakov, and M. Narkis, Novel conductive hybrid nano-composites for electro-mechanical sensors, *Proceedings of the 2014 SPE ANTEC Meeting, Las Vegas, NV*, 28-30.4.2014, P. 682-687.
3. * J. Rosen-Kligvasser, **R. Y. Suckeveriene**, R. Tchudakov, and M. Narkis, Controlled migration of antifog from flexible polyethylene films, *Proceedings of the 2014 SPE ANTEC Meeting, Las Vegas, NV*, 28-30.4.2014, P. 2160-2163.
4. G. Mechrez, **R. Y. Suckeveriene**, M. Narkis, and E. Segal, Highly-Tunable Polymer/CNTs Nanostructures: A Rapid and Facile Approach for Controlled Architecture and Composition, *MRS Online Proceedings Library*, **1505**, 375 (2012). <https://doi.org/10.1557/opl.2013.475>

F. Patents

1. * “Particulate matter and uses thereof”, **R. Y. Suckeveriene**, Israeli Patent Application No. 296180.
2. * “Nanocomposites Particles and Methods of Making and Using Same”, **R. Y. Suckeveriene**, International Patent Application No: PCT/IL2022/050231 Submitted: 2/3/2022.
3. * “Methods of Reducing Nutrient Absorption in the Small Intestine (SI)”, **R. Y. Suckeveriene**, I. S. Tzchori, and B. Rosenblit, **International Patent Application** No: PCT/IL2019/051318, Submitted 11.6.2020, Full patent USA submission 31.5.2021, WO 2020/115738 A1.
4. * "Hybrid PANI/Carbon Nano-composites for Production of Thin, Transparent, and Conductive Films", **R. Y. Suckeveriene** and M. Narkis, **United States Patent US2014/0065402 A1**. Published March 6th, 2014.

Submitted

1. * “Molecularly Imprinted Polymers for Selective Adsorption of Edible Substances and Methods of Use”, I. S. Tzchori and **R. Y. Suckeveriene**, **Provisional Patent Application** No: 63145507 Submitted: 4/2/2021.
2. * “Adsorption Compositions and Methods”, R. Shpiner, and **R. Y. Suckeveriene**, **Provisional United States Patent Application** No: 62/969,098, Submitted 2/2/2021.

G. Manuscripts in Preparation

1. * Fabrication and Characterization of Zink Ricinolate Nanomaterials using Ultrasonication Process, S. Cohen, I. Chajanovsky and **R. Y. Suckeveriene**
2. Development of integrated hydrophobic and hydrophilic surfaces for oil-water separation, S. Cohen, I. Chajanovsky and **R. Y. Suckeveriene**