

No.	Name	Title	Supervisor	Status
P-1	Adam Herling	Electron-Phonon Interactions Induce Ultrafast Dephasing in Laser-Driven Quantum Matter	Asst. Prof. Ofer Neufeld	M.Sc
P-2	Ajeet Kumar Singh	Metallaaromaticity in Transition Metal Complexes	Assoc. Prof. Renana Gershoni-Poranne and Prof. Graham de-Ruiter	Postdoctoral Researcher
P-3	Akanksha Dubey	Ab-initio theory of oscillatory attosecond hole migration in BrC4H	Asst. Prof. Ofer Neufeld	Postdoctoral Researcher
P-4	Alin Asraf	Diastereo- And Regioselective Synthesis Of Polysubstituted Cyclobutanones	Distinguished Prof. Ilan Marek	M.Sc
P-5	Alisa Bouketov	Development of PEO-brush-PEO for Li-ion Batteries	Prof. Charles E. Diesendruck	Ph.D
P-6	Amit Manor Armon	Machine Learning-Guided Design of Kinetically Stable Quaternary Ammonium Salts for Renewable Energy Applications	Prof. Charles E. Diesendruck	Ph.D
P-7	Amrita Gogoi	Defying Antiaromaticity – The Curious Case of Pentalenopentalenes	Assoc. Prof. Renana Gershoni-Poranne	Postdoctoral Researcher
P-8	Anumapa Yadav	Investigating the Aza-Wittig Reaction from Mechanistic Insight to Carbon Dioxide (CO ₂) Sensing	Asst. Prof. Ori Green	Ph.D
P-9	Artiom Nesterenko	Electrostatic Effects Change Platinum Nanoparticle Geometry in Electrooxidation over Platinum	Asst. Prof. Charlotte Vogt	Ph.D
P-10	Aviv Bryger	Effect of Intercalating Anions on α -Nickel Hydroxide Activity toward Urea Oxidation	Prof. David Eisenberg	M.Sc
P-50	Thierry Slot	Engineering Plasma–Catalyst Coupling for NO Production	Prof. David Eisenberg	Research Associate
P-11	Azad Saini	Electro-Hydrogenation of Acetone Mediated by an Iron–Nitrosyl Corrole: A First Report	Prof. Zeev Gross	Ph.D
P-12	Belal Awwad	Intramolecular Stereospecific Skeletal Rearrangement via Nonclassical Carbocations	Distinguished Prof. Ilan Marek	Ph.D
P-13	Carmel Beard	From Recombinant to Native: Purification and Characterization of CBR from the Desert Green Alga <i>Chlorella ohadii</i> , a Candidate Photoinhibition Defense Protein	Asst. Prof. Dvir Harris	Ph.D
P-14	Deepraj Verma	Operando spectroscopic study of Electrochemical nitrogen reduction to ammonia	Asst. Prof. Charlotte Vogt	Ph.D
P-15	Diksha Prabhu-Gaonkar	2D Metal Halide Perovskites: Lead-Free Perovskites	Prof. Efrat Lifshitz	Ph.D

P-16	Delaila Martins	Synthesis and Optical Characterization of 2D Metal Halide Perovskites and QD Heterostructures.	Prof. Efrat Lifshitz	Ph.D
P-17	Eliana Ruth Wallach	An Ion Trap with Velocity Map Imaging for PV Search in Chiral Molecular Ions	Asst. Prof. Yuval Shagam	Ph.D
P-18	Eman Nassar	Chemical Synthesis of Mirror-Image Proteins Reveals Chirality-Dependent Cellular Uptake Mediated by a Cell-Penetrating Peptide	Prof. Ashraf Brik	Ph.D
P-19	Gautam Singh	Metallo-Claisen Rearrangement: A Unique Strategy toward Polysubstituted Strained Rings	Distinguished Prof. Ilan Marek	Ph.D
P-20	Guy Lutzky	Symmetric linker protein introduces a new direction for photosynthetic energy transfer	Prof. Noam Adir	Ph.D
P-21	Idan Cohen	Investigating the influence of magnetic impurities on the optical and magneto-optical properties of halide perovskites	Prof. Efrat Lifshitz	Ph.D
P-22	Jenia Sklyar	Structural Insights into Cyanobacterial Photoprotection: Carotenoid Uptake, Energy Quenching and OCP-FRP Interaction	Asst. Prof. Dvir Harris	Postdoctoral Researcher
P-23	Kritika Verma	π - π Stacking as a driver for the Synthesis of Photoactive Chromium and Cobalt complexes	Prof. Graham de Ruiter	Ph.D
P-24	Laura Levy	STEPFS: Spatio-Temporal Protease Fluorescent Sensing	Asst. Prof. Ori Green	Ph.D
P-25	Layla Namaa	Dually Selective Polymeric Membrane for Charge-Specific and Solvent Transport Using Diversely Structured Copolymers	Prof. Charles E. Diesendruck	M.Sc
P-26	Lixin Yang	Force induced selective scission of N-N single bond in a 1,2-diazinane mechanophore	Prof. Charles E. Diesendruck	Postdoctoral Researcher
P-27	Maayan Suissa-Szlejf	A. marina Phycobilisome Architecture: Assembly and Disassembly	Asst. Prof. David Harris	Postdoctoral Researcher
P-28	Mernan Taha	Ultra-Fast Photo-Proximity Labeling for mapping dynamic protein-protein interactions	Asst. Prof. Nir Hananya	M.Sc
P-29	Moran Paz	From Ancestral Carotenoid Carriers to Photoactive OCP: An Evolutionary Perspective	Asst. Prof. Dvir Harris	Ph.D
P-30	Nawal Fahoum	Gating Covalent Mechanochemistry with Supramolecular Interactions: H-bonds Effects on Mechanophore Activation at a Heterointerface	Prof. Charles E. Diesendruck	M.Sc
P-31	Neta Ben-Ari	Inelasticity-Dependent Pressure of a Bristlebot	Assoc. Prof. Saar Rahav	Ph.D

P-32	Neta Caspin	A New Method for Quantitation of Cyanuric Acid in Water Based on Image Analysis of Drying Patterns Using Computer Vision	Prof. Israel Schechter	Ph.D
P-33	Nikolai Efimov	Stereocorrective “metal-walk”	Distinguished Prof. Ilan Marek	Ph.D
P-34	Noa Soffer-Lugassy	Does non-planarity affect electrocatalysis on Fe-N4-C?	Prof. David Eisenberg	Ph.D
P-35	Noam Orbach	Bismetallated Cyclopropanes en-route to Fused Rings: Synthesis of Polysubstituted Housanes	Distinguished Prof. Ilan Marek	Ph.D
P-36	Omer Zaltzberg	Does carbon pore size affect electro-oxidation of urea on Ni(OH) ₂ NPs?	Prof. David Eisenberg	M.Sc
P-37	Pallavi Sarkar	The COMPAS Project: Phase 5, A Computational Dataset of Mono-Substituted Cata-condensed Polybenzenoid Hydrocarbons	Assoc. Prof. Renana Gershoni-Poranne	Postdoctoral Researcher
P-38	Priya Mata	Ligand-Stabilized Mn(II) Complexes as Sustainable Photocatalysts	Asst. Prof. Nir Hananya	Ph.D
P-39	Rajan Kumar Kharwar	Alkyne-Assisted Stereospecific Molecular Rearrangement via Non-Classical Carbocations	Distinguished Prof. Ilan Marek	Ph.D
P-40	Raneen Hijaze	Underrepresented sequence-Derived peptides as a novel antimicrobial platform to mitigate resistance development	Prof. Noam Adir	Ph.D
P-41	Ranu Dale	Strengthening a High-Performance Polymer with Metal-ligand Coordination Chemistry	Prof. Charles E. Diesendruck	Ph.D
P-42	Rutvija Dange	Bridging plasma microphysics to macroscopic ammonia synthesis with machine learning	Asst. Prof. Charlotte Vogt	Ph.D
P-43	Saed Bisher	Total Chemical Synthesis of RNF ₄ by Sequential Native Chemical Ligation: C-To-N Versus N-To-C Strategies	Prof. Ashraf Brik	M.Sc
P-44	Sandra Idelman	A Self-healing Formulation Based on Light-triggered Ring-opening Metathesis Polymerization	Prof. Charles E. Diesendruck	M.Sc
P-45	Sayan Shee	Nonclassical Carbocation-Mediated Access to Acyclic fragments via Stereoselective Rearrangements of Polysubstituted Cyclobutanes	Distinguished Prof. Ilan Marek	Postdoctoral Researcher
P-46	Sean Adler	CO ₂ Dependent Protein Labeling	Asst. Prof. Ori Green	Ph.D
P-47	Shuang Liu	In-Plane Optically Tunable Magnetic States in 2D Materials via Tailored Femtosecond Laser Driving	Asst. Prof. Ofer Neufeld	Ph.D

P-48	Sourav Kabari	Cyclopropylstannanes as Stable Equivalents of 1,1-Bismetallated Cyclopropyl Synthons	Distinguished Prof. Ilan Marek	Ph.D
P-49	Tamer Saiaede	An entry to new catalytic reactions- chemo- and regioselective C-O, C=O, and C=N bonds cleavage by organoactinide homogeneous catalysis	Prof. Moris S. Eisen	Ph.D
P-51	Tomer Ianovici	Biophotocatalysis for Efficient Biofuel Production	Asst. Prof. Dvir Harris	Ph.D
P-52	Uriah H. Sharon	High Sensitivity Online Sensor for BTEX in Ambient Air Based on Multiphoton Electron Extraction Spectroscopy	Prof. Israel Schechter	Ph.D
P-53	Yara Hijaze	Innovative urea synthesis via plasma catalysis	Asst. Prof. Charlotte Vogt	Ph.D
P-54	Yohay Halfon	Observation of Space-Charge Dominated Micromotion in Large Ion Clouds as Step for Parity Violation Experiments in Chiral Molecular Ions	Asst. Prof. Yuval Shagam	Ph.D
P-55	Yuval Grosskopf	Toward the Formulation of a Dynamical Model for Nonlinear Phenomena at the Electric Double Layer	Asst. Prof. Charlotte Vogt	M.Sc
P-56	Yuval Guetta	Fluorophilic Corroles as Smart Molecular Probes: From Molecular Recognition to Smartphone-Enabled PFOA Detection	Prof. Zeev Gross	Ph.D
P-57	Zhenyu Guo	Stereoselective Synthesis of Polysubstituted Cyclobutenes	Distinguished Prof. Ilan Marek	Visiting Research Student
P-58	Zhiyue Wang	Hidden in the Noise: Deterministic Surface Dynamics Beyond the Photon Statistical Baseline	Asst. Prof. Charlotte Vogt	Ph.D
P-59	Ziyu Yang	Proton-conducting membranes made from plant-based proteins as sustainable and biodegradable green alternatives for fuel cell applications	Prof. Nadav Amdursky	Ph.D
P-60	Zoe Yagil	Non- Linear Dynamics in Carbon Dioxide Catalytic System	Asst. Prof. Charlotte Vogt	Ph.D
P-61	Rawan Shahan	Selectivity and Reactivity in the Aza-Wittig Reaction with CO ₂	Asst. Prof. Ori Green	Ph.D
P-62	Kusha Sharma	Effects of Intrinsic Anisotropy of FePS3 on the magneto-optical landscape of Mn1-xFexPS3 Alloys.	Prof. Efrat Lifshitz	Postdoctoral Researcher
P-63	Sakthi Rajee	Redefining Metallaaromaticity of Cobalt Containing Macrocycles Through Dative Metal-Ligand Bonding	Prof. Graham de Ruiter	Postdoctoral Researcher
P-64	Chen Studnik	Synthesizing Ultra-thin Ferrosilicates: A New Type of Electrocatalysts	Prof. David Eisenberg	M.Sc
P-65	Ratan Debnath	Developing Pyrido Annulated Imbox (NCN) Pincer Complex for Acceptorless Alkane Dehydrogenation	Prof. Graham de Ruiter	Ph.D

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Akhanda Gorai

Developing Earth Abundant Metal Complex for Ammonia Oxidation

Prof. Graham de Ruiter

Ph.D