# Mindy Levine

## List of Publications by Year in descending order



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|---|---|---|---|
| 76 papers | 2,000 citations | 361413 20 h-index | 265206 42 g-index |
| 84 all docs | 84 docs citations | 84 times ranked | 2492 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Supramolecular Luminescent Sensors. Chemical Reviews, 2019, 119, 322-477. | 47.7 | 520 |
| 2 | Biomimetic Catalysis. ACS Catalysis, 2011, 1, 1090-1118. | 11.2 | 217 |
| 3 | Amplification of enantiomeric concentrations under credible prebiotic conditions. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 12979-12980. | 7.1 | 130 |
| 4 | Age and Family History at Presentation of Pediatric Inflammatory Bowel Disease. Journal of Pediatric Gastroenterology and Nutrition, 2003, 37, 609-613. | 1.8 | 60 |
| 5 | Addressing the STEM Gender Gap by Designing and Implementing an Educational Outreach Chemistry Camp for Middle School Girls. Journal of Chemical Education, 2015, 92, 1639-1644. | 2.3 | 55 |
| 6 | Enantioselective Synthesis and Enantiomeric Amplification of Amino Acids under Prebiotic Conditions. Organic Letters, 2008, 10, 2433-2436. | 4.6 | 53 |
| 7 | Array-based detection of persistent organic pollutants via cyclodextrin promoted energy transfer. Chemical Communications, 2015, 51, 11615-11618. | 4.1 | 43 |
| 8 | Ultrasensitive Detection of Nitrite through Implementation ofN-(1-Naphthyl)ethylenediamine-Grafted Cellulose into a Paper-Based Device. ACS Sensors, 2020, 5, 1207-1215. | 7.8 | 39 |
| 9 | Efficient detection of polycyclic aromatic hydrocarbons and polychlorinated biphenyls via three-component energy transfer. Chemical Communications, 2013, 49, 4821. | 4.1 | 37 |
| 10 | Fluorescence-Based Sensing of Pesticides Using Supramolecular Chemistry. Frontiers in Chemistry, 2021, 9, 616815. | 3.6 | 36 |
| 11 | Sensitive and selective detection of cesium via fluorescence quenching. Dalton Transactions, 2013, 42, 16276. | 3.3 | 34 |
| 12 | Water Exclusion and Enantioselectivity in Catalysis. ChemBioChem, 2006, 7, 1491-1496. | 2.6 | 32 |
| 13 | Imitating Prebiotic Homochirality on Earth. Origins of Life and Evolution of Biospheres, 2010, 40, 11-26. | 1.9 | 30 |
| 14 | Cyclodextrin-Enhanced Extraction and Energy Transfer of Carcinogens in Complex Oil Environments. ACS Applied Materials & Interfaces, 2013, 5, 11951-11957. | 8.0 | 26 |
| 15 | Selective detection of non-aromatic pesticides via cyclodextrin-promoted fluorescence modulation. New Journal of Chemistry, 2016, 40, 789-793. | 2.8 | 24 |
| 16 | Fluorescent detection of polycyclic aromatic hydrocarbons in ternary cyclodextrin complexes. Supramolecular Chemistry, 2012, 24, 743-747. | 1.2 | 23 |
| 17 | Highly efficient quenching of nanoparticles for the detection of electron-deficient nitroaromatics. Journal of Polymer Science Part A, 2013, 51, 4150-4155. | 2.3 | 22 |
| 18 | Detection of Organochlorine Pesticides in Contaminated Marine Environments via Cyclodextrin-Promoted Fluorescence Modulation. ACS Omega, 2017, 2, 8591-8599. | 3.5 | 22 |

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|---|---|---|---|
| 19 | Photoluminescent energy transfer from poly(phenyleneethynylene)s to nearâ€infrared emitting fluorophores. Journal of Polymer Science Part A, 2010, 48, 3382-3391. | 2.3 | 21 |
| 20 | Cyclodextrin-promoted energy transfer for broadly applicable small-molecule detection. Supramolecular Chemistry, 2014, 26, 714-721. | 1.2 | 21 |
| 21 | Highly efficient detection of hydrogen peroxide in solution and in the vapor phase via fluorescence quenching. Chemical Communications, 2015, 51, 7061-7064. | 4.1 | 21 |
| 22 | Sweet, Sweet Science: Addressing the Gender Gap in STEM Disciplines through a One-Day High School Program in Sugar Chemistry. Journal of Chemical Education, 2018, 95, 1316-1322. | 2.3 | 21 |
| 23 | Efficient extraction and detection of aromatic toxicants from crude oil and tar balls using multiple cyclodextrin derivatives. Marine Pollution Bulletin, 2015, 95, 242-247. | 5.0 | 19 |
| 24 | Detection of Medium-Sized Polycyclic Aromatic Hydrocarbons via Fluorescence Energy Transfer. Polycyclic Aromatic Compounds, 2014, 34, 561-572. | 2.6 | 18 |
| 25 | Environmental Application of Cyclodextrin Metalâ€“Organic Frameworks in an Undergraduate Teaching Laboratory. Journal of Chemical Education, 2018, 95, 1636-1641. | 2.3 | 18 |
| 26 | Rapid and efficient pesticide detection via cyclodextrin-promoted energy transfer. Analyst, The, 2015, 140, 7503-7507. | 3.5 | 17 |
| 27 | Fabrication of poly (4,4â€²-oxybisbenzenamine) and its conjugated copolymers initiated by easily accessible carbon dots. European Polymer Journal, 2018, 109, 153-161. | 5.4 | 17 |
| 28 | Detection of bisphenol A and derivatives in human urineviacyclodextrin-promoted fluorescence modulation. Analytical Methods, 2018, 10, 3783-3790. | 2.7 | 17 |
| 29 | Paper-based manganese and Î²-cyclodextrin sensors for colorimetric sulfur dioxide detection. Analytica Chimica Acta, 2022, 1200, 339629. | 5.4 | 17 |
| 30 | Synthesis and catalytic properties of diverse chiral polyamines. Tetrahedron Letters, 2008, 49, 5746-5750. | 1.4 | 16 |
| 31 | Sensitive and selective detection of alcohols via fluorescence modulation. Supramolecular Chemistry, 2016, 28, 881-891. | 1.2 | 16 |
| 32 | Highly sensitive detection of cobalt through fluorescence changes in Î²-cyclodextrin-bimane complexes. Chemical Communications, 2020, 56, 12126-12129. | 4.1 | 16 |
| 33 | Partial transfer of enantioselective chiralities from Î±-methylated amino acids, known to be of meteoritic origin, into normal amino acids. Tetrahedron Letters, 2006, 47, 1809-1812. | 1.4 | 15 |
| 34 | Synthesis of a Near-Infrared Emitting Squaraine Dye in an Undergraduate Organic Laboratory. Journal of Chemical Education, 2012, 89, 1186-1189. | 2.3 | 15 |
| 35 | Highly efficient non-covalent energy transfer in all-organic macrocycles. Chemical Communications, 2013, 49, 8259. | 4.1 | 15 |
| 36 | Turn-on detection of pesticides via reversible fluorescence enhancement of conjugated polymer nanoparticles and thin films. New Journal of Chemistry, 2016, 40, 7273-7277. | 2.8 | 15 |

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|---|---|---|---|
| 37 | A highly versatile fluorenone-based macrocycle for the sensitive detection of polycyclic aromatic hydrocarbons and fluoride anions. RSC Advances, 2017, 7, 28489-28493. | 3.6 | 15 |
| 38 | Synthetic Î²â€Cyclodextrin Dimers for Squaraine Binding: Effect of Host Architecture on Photophysical Properties, Aggregate Formation and Chemical Reactivity. European Journal of Organic Chemistry, 2018, 2018, 1964-1974. | 2.4 | 15 |
| 39 | Investigation of the Adulteration of Essential Oils by GC-MS. Current Analytical Chemistry, 2020, 16, 965-969. | 1.2 | 15 |
| 40 | Thermogravimetric analysis of aromatic boronic acids for potential flame retardant applications. Thermochimica Acta, 2020, 683, 178476. | 2.7 | 13 |
| 41 | Efficient fluorescence detection of aromatic toxicants and toxicant metabolites in human breast milk. Supramolecular Chemistry, 2018, 30, 267-277. | 1.2 | 12 |
| 42 | 2-Hydroxypropyl beta-cyclodextrin for the enhanced performance of dual function extraction and detection systems in complex oil environments. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2015, 81, 341-346. | 1.6 | 11 |
| 43 | Detection of Benzene and Alkylated Benzene Derivatives in Fuel Contaminated Environments. Clean - Soil, Air, Water, 2016, 44, 1621-1627. | 1.1 | 11 |
| 44 | A green bromination method for the synthesis of benzylic dibromides. Tetrahedron Letters, 2014, 55, 4905-4908. | 1.4 | 10 |
| 45 | Cyclodextrin-promoted Diels Alder reactions of a polycyclic aromatic hydrocarbon under mild reaction conditions. Tetrahedron Letters, 2015, 56, 1619-1623. | 1.4 | 10 |
| 46 | Cyclodextrin-Promoted Detection of Aromatic Toxicants and Toxicant Metabolites in Urine. Analytical Chemistry Letters, 2016, 6, 345-353. | 1.0 | 10 |
| 47 | Environmentally friendly procedure for the aqueous oxidation of benzyl alcohols to aldehydes with dibromodimethylhydantoin (DBDMH) and cyclodextrin: Scope and mechanistic insights. Synthetic Communications, 2016, 46, 636-644. | 2.1 | 10 |
| 48 | Colorimetric Detection of Aliphatic Alcohols in Î²-Cyclodextrin Solutions. ACS Omega, 2019, 4, 18361-18369. | 3.5 | 10 |
| 49 | Synthesis of a Fluorescent Conjugated Polymer in the Undergraduate Organic Teaching Laboratory. Journal of Chemical Education, 2013, 90, 1376-1379. | 2.3 | 9 |
| 50 | Enhanced Characterization of Pyrene Binding in Mixed Cyclodextrin Systems via Fluorescence Spectroscopy. Journal of Fluorescence, 2020, 30, 1015-1023. | 2.5 | 9 |
| 51 | Array-based detection of isomeric and analogous analytes employing synthetically modified fluorophore attached Î²-cyclodextrin derivatives. New Journal of Chemistry, 2017, 41, 14431-14437. | 2.8 | 8 |
| 52 | Towards Rational Chemosensor Design through Improved Understanding of Experimental Parameter Variation and Tolerance in Cyclodextrin-Promoted Fluorescence Detection. Chemosensors, 2017, 5, 34. | 3.6 | 8 |
| 53 | Facile Iodine Detection via Fluorescence Quenching of Î²â€Cyclodextrin:Bimaneâ€Ditriazole Inclusion Complexes. Israel Journal of Chemistry, 2021, 61, 253-260. | 2.3 | 8 |
| 54 | Rationally Designed Supramolecular Organic Hosts for Benzo[a]pyrene Binding and Detection. European Journal of Organic Chemistry, 2015, 2015, 6194-6204. | 2.4 | 7 |

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| 55 | Solvent effects in the extraction and detection of polycyclic aromatic hydrocarbons from complex oils in complex environments. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2016, 84, 61-70. | 1.6 | 7 |
| 56 | Design, Implementation, and Evaluation of Paper-Based Devices for the Detection of Acetaminophen and Phenacetin in an Advanced Undergraduate Laboratory. Journal of Chemical Education, 2019, 96, 1719-1726. | 2.3 | 7 |
| 57 | Colorimetric detection of polycyclic aromatic hydrocarbons using supramolecular cyclodextrin dimer-squaraine constructs. Supramolecular Chemistry, 2019, 31, 211-219. | 1.2 | 7 |
| 58 | A dipodal bimaneâ€“ditriazoleâ€“diCu(<scp>ii</scp>) complex serves as an ultrasensitive water sensor. Chemical Communications, 2022, 58, 2690-2693. | 4.1 | 7 |
| 59 | Cyclodextrin-Promoted Fluorescence Detection of Aromatic Toxicants and Toxicant Metabolites in Commercial Milk Products. Food Analytical Methods, 2018, 11, 2419-2430. | 2.6 | 6 |
| 60 | Efficient Detection of Phthalate Esters in Human Saliva via Fluorescence Spectroscopy. Analytical Letters, 2019, 52, 479-495. | 1.8 | 6 |
| 61 | Identification of 15 Phthalate Esters in Commercial Cheese Powder via Cyclodextrin-Promoted Fluorescence Detection. ACS Omega, 2019, 4, 17009-17015. | 3.5 | 6 |
| 62 | A polycationic pillar[5]arene for the binding and removal of organic toxicants from aqueous media. Supramolecular Chemistry, 2019, 31, 545-557. | 1.2 | 6 |
| 63 | Efficient Detection and Removal of Polycyclic Aromatic Hydrocarbons Using Cyclodextrinâ€Modified Cellulose. ChemPlusChem, 2020, 85, 1730-1736. | 2.8 | 4 |
| 64 | Detection of anabolic steroidsviacyclodextrin-promoted fluorescence modulation. RSC Advances, 2020, 10, 25108-25115. | 3.6 | 4 |
| 65 | Highly Sensitive Water Detection Through Reversible Fluorescence Changes in a syn-Bimane Based Boronic Acid Derivative. Frontiers in Chemistry, 2021, 9, 782481. | 3.6 | 4 |
| 66 | Two polymorphs of 1,8-dichloroanthracene. Acta Crystallographica Section C: Crystal Structure Communications, 2013, 69, 199-203. | 0.4 | 3 |
| 67 | Novel Fluorescent Fluorene-Containing Conjugated Polymers: Synthesis, Photophysical Properties, and Application for the Detection of Common Bisphenols. Synlett, 2018, 29, 2515-2522. | 1.8 | 3 |
| 68 | Fluorescence-Based Detection of Benzene, Toluene, Ethylbenzene, Xylene, and Cumene (BTEXC) Compounds in Fuel-Contaminated Snow Environments. Chemosensors, 2019, 7, 5. | 3.6 | 3 |
| 69 | Use of Î±-cyclodextrin to Promote Clean and Environmentally Friendly Disinfection of Phenolic Substrates via Chlorine Dioxide Treatment. Frontiers in Chemistry, 2020, 8, 641. | 3.6 | 3 |
| 70 | Sonication-Induced, Solvent-Selective Gelation of a 1,8-Napthalimide-Conjugated Amide: Structural Insights and Pollutant Removal Applications. ACS Omega, 2021, 6, 32722-32729. | 3.5 | 3 |
| 71 | Chiral cationic polyamines for chiral microcapsules and siRNA delivery. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 5919-5922. | 2.2 | 2 |
| 72 | Detection of Potentially Toxic Additives in Electronic Cigarettes and Cigarette Flavourings. Analytical Letters, 2020, 53, 1407-1415. | 1.8 | 2 |

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|---|---|---|---|
| 73 | Detection of Human Growth Hormone (hGH) via Cyclodextrin-Promoted Fluorescence Modulation. Analytical Letters, 2021, 54, 1871-1880. | 1.8 | 2 |
| 74 | Effects of Structural Variation in Conjugated Side Chains on the Photophysics of Conjugated Polymers in Nanoparticles. Journal of Physical Chemistry B, 2019, 123, 4604-4610. | 2.6 | 1 |
| 75 | Ronald C.D. Breslow (1931â€“2017): A career in review. Bioorganic Chemistry, 2021, 115, 104868. | 4.1 | 1 |
| 76 | Fluorophores, Fluorescent Polymers, and Energy Transfer in an Undergraduate Laboratory Setting. ACS Symposium Series, 2012, , 27-49. | 0.5 | 0 |