

Maya Kleiman

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

451
citations

1478505

6
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

795
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Mechanically controlled radical polymerization initiated by ultrasound. <i>Nature Chemistry</i> , 2017, 9, 135-139. | 13.6 | 267 |
| 2 | Dual function of Rpn5 in two PCI complexes, the 26S proteasome and COP9 signalosome. <i>Molecular Biology of the Cell</i> , 2011, 22, 911-920. | 2.1 | 40 |
| 3 | Effects of Growth Surface Topography on Bacterial Signaling in Coculture Biofilms. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 18531-18539. | 8.0 | 32 |
| 4 | Cytokinin drives assembly of the phyllosphere microbiome and promotes disease resistance through structural and chemical cues. <i>ISME Journal</i> , 2022, 16, 122-137. | 9.8 | 31 |
| 5 | Determination of Factors Influencing the Wet Etching of Polydimethylsiloxane Using Tetraethylammonium Fluoride. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 284-291. | 2.2 | 23 |
| 6 | Bio-Inspired Morphogenesis Using Microvascular Networks and Reaction-Diffusion. <i>Chemistry of Materials</i> , 2015, 27, 4871-4876. | 6.7 | 7 |
| 7 | The evolution of obligate sex: the roles of sexual selection and recombination. <i>Ecology and Evolution</i> , 2015, 5, 2572-2583. | 1.9 | 7 |
| 8 | A biomimetic platform for studying root-environment interaction. <i>Plant and Soil</i> , 2020, 447, 157-168. | 3.7 | 7 |
| 9 | Ecological adaptations influence the susceptibility of plants in the genus <i>Zantedeschia</i> to soft rot <i>Pectobacterium</i> spp.. <i>Horticulture Research</i> , 2021, 8, 13. | 6.3 | 7 |
| 10 | Investigation of Substituent Effect in Modified Nature-Sourced Polymers: Rational Side Chain Engineering to Control Yield, Design, and Properties. <i>ACS Omega</i> , 2018, 3, 12841-12850. | 3.5 | 6 |
| 11 | Diploidy and the selective advantage for sexual reproduction in unicellular organisms. <i>Theory in Biosciences</i> , 2009, 128, 249-285. | 1.4 | 5 |
| 12 | Three-Dimensional Conformal Coatings through the Entrapment of Polymer Membrane Precursors. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 2830-2835. | 8.0 | 5 |
| 13 | Self-Cleaning Biomimetic Surfaces—The Effect of Microstructure and Hydrophobicity on <i>Conidia</i> Repellence. <i>Materials</i> , 2022, 15, 2526. | 2.9 | 5 |
| 14 | Bio-inspired microvascular exchangers employing circular packing—synthetic rete mirabile. <i>Materials Horizons</i> , 2014, 1, 602-607. | 12.2 | 3 |
| 15 | Structural Remodeling of Polymeric Material via Diffusion Controlled Polymerization and Chain Scission. <i>Chemistry of Materials</i> , 2018, 30, 8126-8133. | 6.7 | 3 |
| 16 | Real-Time Visualization of Cellulase Activity by Microorganisms on Surface. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6593. | 4.1 | 2 |
| 17 | Biomimetic Replication of Root Surface Microstructure using Alteration of Soft Lithography. <i>Journal of Visualized Experiments</i> , 2020, , . | 0.3 | 0 |