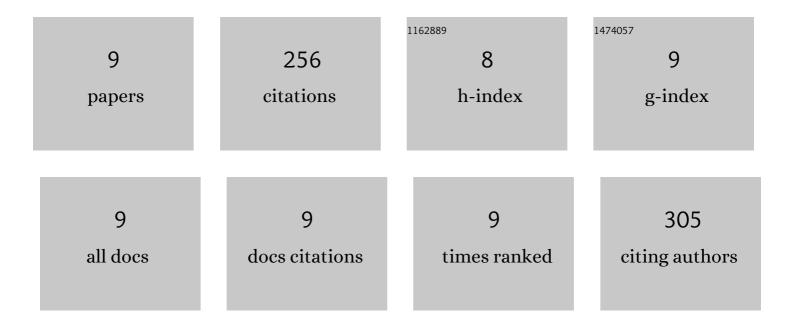
Michal Langer

List of Publications by Year in descending order

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MICHAI LANCER

| # | Article | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Progress and challenges in understanding of photoluminescence properties of carbon dots based on theoretical computations. Applied Materials Today, 2021, 22, 100924. | 2.3 | 57 |
| 2 | Carbon Dots Detect Water-to-Ice Phase Transition and Act as Alcohol Sensors <i>via</i> Fluorescence Turn-Off/On Mechanism. ACS Nano, 2021, 15, 6582-6593. | 7.3 | 34 |
| 3 | Contribution of the Molecular Fluorophore IPCA to Excitation-Independent Photoluminescence of Carbon Dots. Journal of Physical Chemistry C, 2021, 125, 12140-12148. | 1.5 | 22 |
| 4 | Transparent and Low-Loss Luminescent Solar Concentrators Based on Self-Trapped Exciton Emission in Lead-Free Double Perovskite Nanocrystals. ACS Applied Energy Materials, 2021, 4, 6445-6453. | 2.5 | 27 |
| 5 | Molecular Fluorophores Self-Organize into C-Dot Seeds and Incorporate into C-Dot Structures. Journal of Physical Chemistry Letters, 2020, 11, 8252-8258. | 2.1 | 24 |
| 6 | Stretchâ€Healable Molecular Nanofibers. Advanced Theory and Simulations, 2020, 3, 2000094. | 1.3 | 1 |
| 7 | Conformational Behavior and Optical Properties of a Fluorophore Dimer as a Model of Luminescent Centers in Carbon Dots. Journal of Physical Chemistry C, 2020, 124, 14327-14337. | 1.5 | 25 |
| 8 | Ion Interactions across Graphene in Electrolyte Aqueous Solutions. Journal of Physical Chemistry C, 2019, 123, 9799-9806. | 1.5 | 25 |
| 9 | Structural Dynamics of Carbon Dots in Water and <i>N</i> , <i>N</i> -Dimethylformamide Probed by All-Atom Molecular Dynamics Simulations. Journal of Chemical Theory and Computation, 2018, 14, 2076-2083 | 2.3 | 41 |