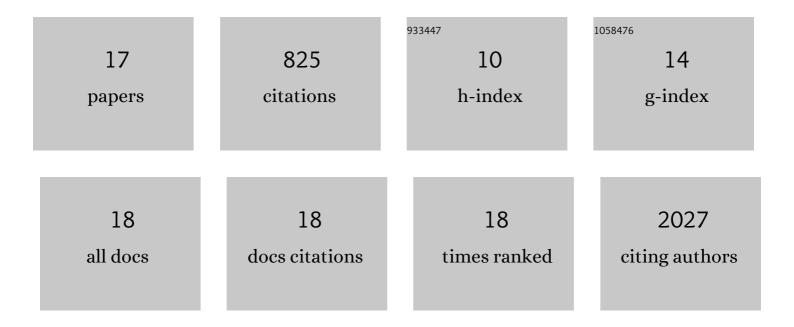
Omri Bar-Elli

List of Publications by Year in descending order

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OMDI RAD-FILL

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Polarity-dependent nonlinear optics of nanowires under electric field. Nature Communications, 2021, 12, 3286. | 12.8 | 11 |
| 2 | Remanent Polarization and Strong Photoluminescence Modulation by an External Electric Field in Epitaxial CsPbBr ₃ Nanowires. ACS Nano, 2021, 15, 16130-16138. | 14.6 | 5 |
| 3 | Chiral and SHG-Active Metal–Organic Frameworks Formed in Solution and on Surfaces: Uniformity, Morphology Control, Oriented Growth, and Postassembly Functionalization. Journal of the American Chemical Society, 2020, 142, 14210-14221. | 13.7 | 34 |
| 4 | Development of Lipid-Coated Semiconductor Nanosensors for Recording of Membrane Potential in Neurons. ACS Photonics, 2020, 7, 1141-1152. | 6.6 | 11 |
| 5 | A Nanoscopic View of Photoinduced Charge Transfer in Organic Nanocrystalline Heterojunctions. Journal of Physical Chemistry C, 2019, 123, 25031-25041. | 3.1 | 2 |
| 6 | Ratiometric widefield imaging with spectrally balanced detection. Biomedical Optics Express, 2019, 10, 5385. | 2.9 | 0 |
| 7 | Characterizing the Quantum-Confined Stark Effect in Semiconductor Quantum Dots and Nanorods for Single-Molecule Electrophysiology. ACS Photonics, 2018, 5, 4788-4800. | 6.6 | 30 |
| 8 | Rapid Voltage Sensing with Single Nanorods via the Quantum Confined Stark Effect. ACS Photonics, 2018, 5, 2860-2867. | 6.6 | 22 |
| 9 | The Dual Functional Reflecting Iris of the Zebrafish. Advanced Science, 2018, 5, 1800338. | 11.2 | 28 |
| 10 | Tetragonal CH ₃ NH ₃ PbI ₃ is ferroelectric. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5504-E5512. | 7.1 | 240 |
| 11 | Enhanced Third-Harmonic Generation from a Metal/Semiconductor Core/Shell Hybrid Nanostructure. ACS Nano, 2015, 9, 8064-8069. | 14.6 | 27 |
| 12 | Self-Assembled Organic Nanocrystals with Strong Nonlinear Optical Response. Nano Letters, 2015, 15, 7232-7237. | 9.1 | 59 |
| 13 | Dependence of the Absorption and Optical Surface Plasmon Scattering of MoS ₂ Nanoparticles on Aspect Ratio, Size, and Media. ACS Nano, 2014, 8, 3575-3583. | 14.6 | 63 |
| 14 | Amplification of Chiroptical Activity of Chiral Biomolecules by Surface Plasmons. Nano Letters, 2013, 13, 1203-1209. | 9.1 | 209 |
| 15 | Chiroptical Effects in Planar Achiral Plasmonic Oriented Nanohole Arrays. Nano Letters, 2012, 12, 2357-2361. | 9.1 | 84 |
| 16 | Detecting Short Voltage Pulses Using Single Quantum Dots Designed for Action Potential Sensing. , 0, , . | | 0 |
| 17 | Detecting Short Voltage Pulses Using Single Quantum Dots Designed for Action Potential Sensing. , 0, , . | | Ο |