

Jason D Myers

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

560
citations

759233

12
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

1105
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Tunable mid-wavelength infrared (MWIR) polarizer by ORMOCALC composite with improved thermomechanical stability. , 2021, , . | | 1 |
| 2 | Enhanced mid-wavelength infrared refractive index of organically modified chalcogenide (ORMOCALC) polymer nanocomposites with thermomechanical stability. Optical Materials, 2020, 108, 110197. | 3.6 | 12 |
| 3 | Design of High Efficient Mid-Wavelength Infrared Polarizer on ORMOCALC Polymer. Macromolecular Materials and Engineering, 2020, 305, 2000033. | 3.6 | 8 |
| 4 | Thermal tuning of arsenic selenide glass thin films and devices. Optics Express, 2020, 28, 34744. | 3.4 | 2 |
| 5 | Optical Properties of a Sulfur-Rich Organically Modified Chalcogenide Polymer Synthesized via Inverse Vulcanization and Containing an Organometallic Comonomer. ACS Macro Letters, 2019, 8, 113-116. | 4.8 | 75 |
| 6 | Nonlinear Metasurface for Structured Light with Tunable Orbital Angular Momentum. Applied Sciences (Switzerland), 2019, 9, 958. | 2.5 | 9 |
| 7 | Arsenic selenide dielectric metasurfaces. , 2019, , . | | 1 |
| 8 | Fabrication of high refractive index, infrared transmitting Organically Modified Chalcogenide (ORMOCALC) polymers (Rising Researcher Presentation). , 2019, , . | | 0 |
| 9 | Reconfiguring structured light beams using nonlinear metasurfaces. Optics Express, 2018, 26, 30930. | 3.4 | 23 |
| 10 | Photovoltage Tomography in Polycrystalline Solar Cells. ACS Energy Letters, 2016, 1, 899-905. | 17.4 | 12 |
| 11 | Microstructured ZnO coatings combined with antireflective layers for light management in photovoltaic devices. Progress in Photovoltaics: Research and Applications, 2016, 24, 1427-1435. | 8.1 | 6 |
| 12 | Quaternary Sputtered Cu(In,Ga)Se ₂ Absorbers for Photovoltaics: A Review. IEEE Journal of Photovoltaics, 2016, 6, 1036-1050. | 2.5 | 18 |
| 13 | Nanoimaging of Open-Circuit Voltage in Photovoltaic Devices. Advanced Energy Materials, 2015, 5, 1501142. | 19.5 | 79 |
| 14 | Triplet Exciton Diffusion in Platinum Polyyne Films. Journal of Physical Chemistry C, 2014, 118, 24282-24289. | 3.1 | 29 |
| 15 | Enhanced open-circuit voltage in organic photovoltaic cells with partially chlorinated zinc phthalocyanine. Journal of Materials Science, 2013, 48, 7104-7114. | 3.7 | 14 |
| 16 | A universal optical approach to enhancing efficiency of organic-based photovoltaic devices. Energy and Environmental Science, 2012, 5, 6900. | 30.8 | 107 |
| 17 | Organic Semiconductors and their Applications in Photovoltaic Devices. Polymer Reviews, 2012, 52, 1-37. | 10.9 | 100 |
| 18 | Enhancing light harvesting in organic solar cells with pyramidal rear reflectors. Applied Physics Letters, 2011, 99, 023306. | 3.3 | 34 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Molecular heterojunction photovoltaic cells: Photocarrier behavior and nanostructures. , 2009, , . | | 0 |
| 20 | Computational and experimental studies of phase separation in pentacene:C[sub 60] mixtures. Journal of Vacuum Science & Technology B, 2009, 27, 169. | 1.3 | 20 |
| 21 | Photocarrier behavior in organic heterojunction photovoltaic cells. Organic Electronics, 2009, 10, 1182-1186. | 2.6 | 10 |