# Harry A Atwater

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2124165/publications.pdf

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|---|---|---|---|
| 759 papers | 61,202 citations | 1370 108 h-index | 983 237 g-index |
| 769 all docs | 769 docs citations | 769 times ranked | 40965 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Nanoscale axial position and orientation measurement of hexagonal boron nitride quantum emitters using a tunable nanophotonic environment. Nanotechnology, 2022, 33, 015001. | 1.3 | 7 |
| 2 | Electrically Tunable and Dramatically Enhanced Valleyâ€Polarized Emission of Monolayer WS<sub>2</sub> at Room Temperature with Plasmonic Archimedes Spiral Nanostructures. Advanced Materials, 2022, 34, e2104863. | 11.1 | 24 |
| 3 | Probing the Catalytically Active Region in a Nanoporous Gold Gas Diffusion Electrode for Highly Selective Carbon Dioxide Reduction. ACS Energy Letters, 2022, 7, 871-879. | 8.8 | 20 |
| 4 | Role of Atomic Structure on Exciton Dynamics and Photoluminescence in NIR Emissive InAs/InP/ZnSe Quantum Dots. Journal of Physical Chemistry C, 2022, 126, 7576-7587. | 1.5 | 7 |
| 5 | Broadband, Angle- and Polarization-Invariant Antireflective and Absorbing Films by a Scalable Synthesis of Monodisperse Silicon Nanoparticles. ACS Applied Materials & Interfaces, 2022, 14, 23624-23636. | 4.0 | 5 |
| 6 | Nonreciprocal infrared absorption via resonant magneto-optical coupling to InAs. Science Advances, 2022, 8, eabm4308. | 4.7 | 58 |
| 7 | The 2022 solar fuels roadmap. Journal Physics D: Applied Physics, 2022, 55, 323003. | 1.3 | 58 |
| 8 | Optical Characterization of Silicon Nitride Metagrating-Based Lightsails for Self-Stabilization. ACS Photonics, 2022, 9, 1965-1972. | 3.2 | 3 |
| 9 | Amorphous silicon carbide high contrast gratings as highly efficient spectrally selective visible reflectors. Optics Express, 2022, 30, 26787. | 1.7 | 2 |
| 10 | Ultra-lightweight mirrors with high solar reflectivity and high infrared emissivity for sun-facing radiative thermal management in space. Optics Express, 2022, 30, 28268. | 1.7 | 1 |
| 11 | Impact of Semiconductor Band Tails and Band Filling on Photovoltaic Efficiency Limits. ACS Energy Letters, 2021, 6, 52-57. | 8.8 | 49 |
| 12 | Confronting Racism in Chemistry Journals. ACS ES&T Engineering, 2021, 1, 3-5. | 3.7 | 0 |
| 13 | Solar power windows: Connecting scientific advances to market signals. Energy, 2021, 219, 119567. | 4.5 | 19 |
| 14 | Confronting Racism in Chemistry Journals. ACS ES&T Water, 2021, 1, 3-5. | 2.3 | 0 |
| 15 | Temperature-dependent Spectral Emission of Hexagonal Boron Nitride Quantum Emitters on Conductive and Dielectric Substrates. Physical Review Applied, 2021, 15, . | 1.5 | 21 |
| 16 | Tunable intraband optical conductivity and polarization-dependent epsilon-near-zero behavior in black phosphorus. Science Advances, 2021, 7, . | 4.7 | 40 |
| 17 | Absolute and arbitrary orientation of single-molecule shapes. Science, 2021, 371, . | 6.0 | 54 |
| 18 | X-ray Photoelectron Spectroscopy and Resonant X-ray Spectroscopy Investigations of Interactions between Thin Metal Catalyst Films and Amorphous Titanium Dioxide Photoelectrode Protection Layers. Chemistry of Materials, 2021, 33, 1265-1275. | 3.2 | 15 |

| # | Article | IF | Citations |
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| 19 | Mark Stockman: Evangelist for Plasmonics. ACS Photonics, 2021, 8, 683-698. | 3.2 | 2 |
| 20 | Highly Strain-Tunable Interlayer Excitons in MoS<sub>2</sub>/WSe<sub>2</sub> Heterobilayers. Nano Letters, 2021, 21, 3956-3964. | 4.5 | 60 |
| 21 | AlSb as a material for high index contrast nanophotonics. Optical Materials Express, 2021, 11, 1334. | 1.6 | 2 |
| 22 | Mid-infrared radiative emission from bright hot plasmons in graphene. Nature Materials, 2021, 20, 805-811. | 13.3 | 28 |
| 23 | Unassisted Highly Selective Gas-Phase CO<sub>2</sub> Reduction with a Plasmonic Au/p-GaN Photocatalyst Using H<sub>2</sub>O as an Electron Donor. ACS Energy Letters, 2021, 6, 1849-1856. | 8.8 | 49 |
| 24 | All-day fresh water harvesting by microstructured hydrogel membranes. Nature Communications, 2021, 12, 2797. | 5.8 | 159 |
| 25 | Outdoor performance of a tandem InGaP/Si photovoltaic luminescent solar concentrator. Solar Energy Materials and Solar Cells, 2021, 223, 110945. | 3.0 | 13 |
| 26 | Evaluation of the Radiation Resistance of GaAs-based Solar Cells. , 2021, , . | | 2 |
| 27 | Fabrication techniques for high-performance Si heterojunction (SHJ) microcells. , 2021, , . | | 0 |
| 28 | Fundamental Photovoltaic Efficiency Limits Due to Semiconductor Band Tails. , 2021, , . | | 0 |
| 29 | Nearâ€Infrared Active Metasurface for Dynamic Polarization Conversion. Advanced Optical Materials, 2021, 9, 2100230. | 3.6 | 38 |
| 30 | Two-dimensional Transition Metal Dichalcogenide Heterobilayer Emitters for Luminescent Solar Concentrator Photovoltaics. , 2021, , . | | 0 |
| 31 | Trip the Light Fantastic. ACS Photonics, 2021, 8, 1506-1507. | 3.2 | 0 |
| 32 | Spatiotemporal Imaging of Thickness-Induced Band-Bending Junctions. Nano Letters, 2021, 21, 5745-5753. | 4.5 | 6 |
| 33 | Array-level inverse design for optimized beam directivity in active metasurfaces. , 2021, , . | | 0 |
| 34 | Hydrogen from Sunlight and Water: A Side-by-Side Comparison between Photoelectrochemical and Solar Thermochemical Water-Splitting. ACS Energy Letters, 2021, 6, 3096-3113. | 8.8 | 45 |
| 35 | Unlocking Higher Power Efficiencies in Luminescent Solar Concentrators through Anisotropic Luminophore Emission. ACS Applied Materials & Interfaces, 2021, 13, 40742-40753. | 4.0 | 8 |
| 36 | Refractive Index Modulation in Monolayer Molybdenum Diselenide. Nano Letters, 2021, 21, 7602-7608. | 4.5 | 16 |

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| 37 | Silicon Heterojunction Microcells. ACS Applied Materials & Interfaces, 2021, 13, 45600-45608. | 4.0 | 1 |
| 38 | Operando Local pH Measurement within Gas Diffusion Electrodes Performing Electrochemical Carbon Dioxide Reduction. Journal of Physical Chemistry C, 2021, 125, 20896-20904. | 1.5 | 25 |
| 39 | A 20-Year Race to the Bottom. ACS Photonics, 2021, 8, 1-2. | 3.2 | 1 |
| 40 | Hybrid metaphotonics for fast and efficient collection of photons from quantum emitters. , 2021, , . | | 0 |
| 41 | Metasurface Laser Lightsails. , 2021, , . | | 0 |
| 42 | Dispersion Mapping in 3-Dimensional Coreâ€"Shell Photonic Crystal Lattices Capable of Negative Refraction in the Mid-Infrared. Nano Letters, 2021, 21, 9102-9107. | 4.5 | 8 |
| 43 | Broadband electro-optic polarization conversion with atomically thin black phosphorus. Science, 2021, 374, 448-453. | 6.0 | 57 |
| 44 | A hybrid coupler for directing quantum light emission with high radiative Purcell enhancement to a dielectric metasurface lens. Journal of Applied Physics, 2021, 130, . | 1.1 | 4 |
| 45 | Upconversion Plasmonic Lasing from an Organolead Trihalide Perovskite Nanocrystal with Low Threshold. ACS Photonics, 2021, 8, 335-342. | 3.2 | 26 |
| 46 | Coupling electrochemical CO2 conversion with CO2 capture. Nature Catalysis, 2021, 4, 952-958. | 16.1 | 272 |
| 47 | Power Handling Requirements for Beam Steering Metasurfaces in Ranging and Communications. , 2021, , . | | 0 |
| 48 | Nearly 90% Circularly Polarized Emission in Monolayer WS<sub>2</sub> Single Crystals by Chemical Vapor Deposition. ACS Nano, 2020, 14, 1350-1359. | 7.3 | 39 |
| 49 | Development of Lattice-Mismatched GaInAsP for Radiation Hardness. IEEE Journal of Photovoltaics, 2020, 10, 103-108. | 1.5 | 2 |
| 50 | CO<sub>2</sub> Reduction to CO with 19% Efficiency in a Solar-Driven Gas Diffusion Electrode Flow Cell under Outdoor Solar Illumination. ACS Energy Letters, 2020, 5, 470-476. | 8.8 | 117 |
| 51 | High Broadband Light Transmission for Solar Fuels Production Using Dielectric Optical Waveguides in TiO<sub>2</sub> Nanocone Arrays. Nano Letters, 2020, 20, 502-508. | 4.5 | 14 |
| 52 | Photovoltaic operation in the lower atmosphere and at the surface of Venus. Progress in Photovoltaics: Research and Applications, 2020, 28, 545-553. | 4.4 | 3 |
| 53 | Band Edge Tailoring in Few-Layer Two-Dimensional Molybdenum Sulfide/Selenide Alloys. Journal of Physical Chemistry C, 2020, 124, 22893-22902. | 1.5 | 9 |
| 54 | Confronting Racism in Chemistry Journals. ACS Pharmacology and Translational Science, 2020, 3, 559-561. | 2.5 | 0 |

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| 55 | Confronting Racism in Chemistry Journals. Biochemistry, 2020, 59, 2313-2315. | 1.2 | 0 |
| 56 | Autonomous Light Management in Flexible Photoelectrochromic Films Integrating High Performance Silicon Solar Microcells. ACS Applied Energy Materials, 2020, 3, 1540-1551. | 2.5 | 13 |
| 57 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Biomaterials Science and Engineering, 2020, 6, 2707-2708. | 2.6 | 0 |
| 58 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Central Science, 2020, 6, 589-590. | 5.3 | 0 |
| 59 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Chemical Biology, 2020, 15, 1282-1283. | 1.6 | 0 |
| 60 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Chemical Neuroscience, 2020, 11, 1196-1197. | 1.7 | 0 |
| 61 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Earth and Space Chemistry, 2020, 4, 672-673. | 1.2 | 0 |
| 62 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Energy Letters, 2020, 5, 1610-1611. | 8.8 | 1 |
| 63 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Macro Letters, 2020, 9, 666-667. | 2.3 | 0 |
| 64 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. , 2020, 2, 563-564. | | 0 |
| 65 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Nano, 2020, 14, 5151-5152. | 7.3 | 2 |
| 66 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Photonics, 2020, 7, 1080-1081. | 3.2 | 0 |
| 67 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Pharmacology and Translational Science, 2020, 3, 455-456. | 2.5 | 0 |
| 68 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Sustainable Chemistry and Engineering, 2020, 8, 6574-6575. | 3.2 | 0 |
| 69 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Analytical Chemistry, 2020, 92, 6187-6188. | 3.2 | 0 |
| 70 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemistry of Materials, 2020, 32, 3678-3679. | 3.2 | 0 |
| 71 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Environmental Science and Technology Letters, 2020, 7, 280-281. | 3.9 | 1 |
| 72 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Education, 2020, 97, 1217-1218. | 1.1 | 1 |

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| 73 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Proteome Research, 2020, 19, 1883-1884. | 1.8 | 0 |
| 74 | Confronting Racism in Chemistry Journals. Langmuir, 2020, 36, 7155-7157. | 1.6 | 0 |
| 75 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Polymer Materials, 2020, 2, 1739-1740. | 2.0 | 0 |
| 76 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Combinatorial Science, 2020, 22, 223-224. | 3.8 | 0 |
| 77 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Medicinal Chemistry Letters, 2020, 11, 1060-1061. | 1.3 | 0 |
| 78 | Editorial Confronting Racism in Chemistry Journals. , 2020, 2, 829-831. | | 0 |
| 79 | Confronting Racism in Chemistry Journals. Journal of Physical Chemistry Letters, 2020, 11, 5279-5281. | 2.1 | 1 |
| 80 | Confronting Racism in Chemistry Journals. ACS Applied Energy Materials, 2020, 3, 6016-6018. | 2.5 | 0 |
| 81 | Confronting Racism in Chemistry Journals. ACS Central Science, 2020, 6, 1012-1014. | 5.3 | 1 |
| 82 | Confronting Racism in Chemistry Journals. Industrial & Engineering Chemistry Research, 2020, 59, 11915-11917. | 1.8 | 0 |
| 83 | Ultrafast hot-hole injection modifies hot-electron dynamics in Au/p-GaN heterostructures. Nature Materials, 2020, 19, 1312-1318. | 13.3 | 138 |
| 84 | Perimeter-Control Architecture for Optical Phased Arrays and Metasurfaces. Physical Review Applied, 2020, 14, . | 1.5 | 9 |
| 85 | Confronting Racism in Chemistry Journals. Journal of Natural Products, 2020, 83, 2057-2059. | 1.5 | 0 |
| 86 | Array-Level Inverse Design of Beam Steering Active Metasurfaces. ACS Nano, 2020, 14, 15042-15055. | 7.3 | 50 |
| 87 | Confronting Racism in Chemistry Journals. ACS Medicinal Chemistry Letters, 2020, 11, 1354-1356. | 1.3 | 0 |
| 88 | Confronting Racism in Chemistry Journals. Journal of the American Society for Mass Spectrometry, 2020, 31, 1321-1323. | 1.2 | 1 |
| 89 | A direct coupled electrochemical system for capture and conversion of CO2 from oceanwater. Nature Communications, 2020, 11, 4412. | 5.8 | 91 |
| 90 | Aluminum Oxide Nanoparticle Films Deposited from a Nonthermal Plasma: Synthesis, Characterization, and Crystallization. ACS Omega, 2020, 5, 24754-24761. | 1.6 | 23 |

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| 91 | A Computationally Efficient Multidiode Model for Optimizing the Front Grid of Multijunction Solar Cells under Concentration. Journal of Renewable Energy, 2020, 2020, 1-10. | 2.1 | 1 |
| 92 | Confronting Racism in Chemistry Journals. Energy & Fuels, 2020, 34, 7771-7773. | 2.5 | 0 |
| 93 | Confronting Racism in Chemistry Journals. ACS Sensors, 2020, 5, 1858-1860. | 4.0 | 0 |
| 94 | Confronting Racism in Chemistry Journals. ACS Nano, 2020, 14, 7675-7677. | 7.3 | 2 |
| 95 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Biochemistry, 2020, 59, 1641-1642. | 1.2 | 0 |
| 96 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical & Engineering Data, 2020, 65, 2253-2254. | 1.0 | 0 |
| 97 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organic Process Research and Development, 2020, 24, 872-873. | 1.3 | 0 |
| 98 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Omega, 2020, 5, 9624-9625. | 1.6 | 0 |
| 99 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Electronic Materials, 2020, 2, 1184-1185. | 2.0 | 0 |
| 100 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Materials & Interfaces, 2020, 12, 20147-20148. | 4.0 | 5 |
| 101 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry C, 2020, 124, 9629-9630. | 1.5 | 0 |
| 102 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry Letters, 2020, 11, 3571-3572. | 2.1 | 0 |
| 103 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Synthetic Biology, 2020, 9, 979-980. | 1.9 | 0 |
| 104 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Energy Materials, 2020, 3, 4091-4092. | 2.5 | 0 |
| 105 | Confronting Racism in Chemistry Journals. Journal of Chemical Theory and Computation, 2020, 16, 4003-4005. | 2.3 | 0 |
| 106 | Confronting Racism in Chemistry Journals. Journal of Organic Chemistry, 2020, 85, 8297-8299. | 1.7 | 0 |
| 107 | Confronting Racism in Chemistry Journals. Analytical Chemistry, 2020, 92, 8625-8627. | 3.2 | 0 |
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| 109 | Confronting Racism in Chemistry Journals. Organic Process Research and Development, 2020, 24, 1215-1217. | 1.3 | 0 |
| 110 | Lightâ€"Matter Interactions in Films of Randomly Distributed Unidirectionally Scattering Dielectric Nanoparticles. ACS Photonics, 2020, 7, 2105-2114. | 3.2 | 7 |
| 111 | Confronting Racism in Chemistry Journals. ACS Sustainable Chemistry and Engineering, 2020, 8, . | 3.2 | 0 |
| 112 | Optically tunable mesoscale CdSe morphologies via inorganic phototropic growth. Journal of Materials Chemistry C, 2020, 8, 12412-12417. | 2.7 | 8 |
| 113 | Confronting Racism in Chemistry Journals. Chemistry of Materials, 2020, 32, 5369-5371. | 3.2 | 0 |
| 114 | Confronting Racism in Chemistry Journals. Chemical Research in Toxicology, 2020, 33, 1511-1513. | 1.7 | 0 |
| 115 | Confronting Racism in Chemistry Journals. Inorganic Chemistry, 2020, 59, 8639-8641. | 1.9 | 0 |
| 116 | Confronting Racism in Chemistry Journals. ACS Applied Nano Materials, 2020, 3, 6131-6133. | 2.4 | 0 |
| 117 | Confronting Racism in Chemistry Journals. ACS Applied Polymer Materials, 2020, 2, 2496-2498. | 2.0 | 0 |
| 118 | Confronting Racism in Chemistry Journals. ACS Chemical Biology, 2020, 15, 1719-1721. | 1.6 | 0 |
| 119 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Theory and Computation, 2020, 16, 2881-2882. | 2.3 | 0 |
| 120 | Confronting Racism in Chemistry Journals. Organic Letters, 2020, 22, 4919-4921. | 2.4 | 4 |
| 121 | Confronting Racism in Chemistry Journals. ACS Applied Materials & Interfaces, 2020, 12, 28925-28927. | 4.0 | 13 |
| 122 | Photonic Crystal Waveguides for >90% Light Trapping Efficiency in Luminescent Solar Concentrators. ACS Photonics, 2020, 7, 2122-2131. | 3.2 | 26 |
| 123 | Confronting Racism in Chemistry Journals. Crystal Growth and Design, 2020, 20, 4201-4203. | 1.4 | 1 |
| 124 | Confronting Racism in Chemistry Journals. Chemical Reviews, 2020, 120, 5795-5797. | 23.0 | 2 |
| 125 | Confronting Racism in Chemistry Journals. ACS Catalysis, 2020, 10, 7307-7309. | 5.5 | 1 |
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| 127 | Confronting Racism in Chemistry Journals. Journal of Medicinal Chemistry, 2020, 63, 6575-6577. | 2.9 | 0 |
| 128 | Confronting Racism in Chemistry Journals. Macromolecules, 2020, 53, 5015-5017. | 2.2 | 0 |
| 129 | Confronting Racism in Chemistry Journals. Nano Letters, 2020, 20, 4715-4717. | 4.5 | 5 |
| 130 | Confronting Racism in Chemistry Journals. Organometallics, 2020, 39, 2331-2333. | 1.1 | 0 |
| 131 | Confronting Racism in Chemistry Journals. Journal of the American Chemical Society, 2020, 142, 11319-11321. | 6.6 | 1 |
| 132 | Optical Excitation of a Nanoparticle Cu/p-NiO Photocathode Improves Reaction Selectivity for CO<sub>2</sub> Reduction in Aqueous Electrolytes. Nano Letters, 2020, 20, 2348-2358. | 4.5 | 82 |
| 133 | Bicarbonate or Carbonate Processes for Coupling Carbon Dioxide Capture and Electrochemical Conversion. ACS Energy Letters, 2020, 5, 940-945. | 8.8 | 68 |
| 134 | Confronting Racism in Chemistry Journals. Accounts of Chemical Research, 2020, 53, 1257-1259. | 7.6 | 0 |
| 135 | Confronting Racism in Chemistry Journals. Journal of Physical Chemistry A, 2020, 124, 5271-5273. | 1.1 | 0 |
| 136 | Confronting Racism in Chemistry Journals. ACS Energy Letters, 2020, 5, 2291-2293. | 8.8 | 0 |
| 137 | Confronting Racism in Chemistry Journals. Journal of Chemical Information and Modeling, 2020, 60, 3325-3327. | 2.5 | 0 |
| 138 | Confronting Racism in Chemistry Journals. Journal of Proteome Research, 2020, 19, 2911-2913. | 1.8 | 0 |
| 139 | Confronting Racism in Chemistry Journals. Journal of Physical Chemistry B, 2020, 124, 5335-5337. | 1.2 | 1 |
| 140 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Agricultural and Food Chemistry, 2020, 68, 5019-5020. | 2.4 | 0 |
| 141 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry B, 2020, 124, 3603-3604. | 1.2 | 0 |
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| 143 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Nano Materials, 2020, 3, 3960-3961. | 2.4 | 0 |
| 144 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Natural Products, 2020, 83, 1357-1358. | 1.5 | 0 |

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| 145 | Confronting Racism in Chemistry Journals. ACS Synthetic Biology, 2020, 9, 1487-1489. | 1.9 | 0 |
| 146 | Confronting Racism in Chemistry Journals. Journal of Chemical & Engineering Data, 2020, 65, 3403-3405. | 1.0 | 0 |
| 147 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Bioconjugate Chemistry, 2020, 31, 1211-1212. | 1.8 | 0 |
| 148 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Health and Safety, 2020, 27, 133-134. | 1.1 | 0 |
| 149 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemical Research in Toxicology, 2020, 33, 1509-1510. | 1.7 | 0 |
| 150 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Energy & Fuels, 2020, 34, 5107-5108. | 2.5 | 0 |
| 151 | An ultralight concentrator photovoltaic system for space solar power harvesting. Acta Astronautica, 2020, 170, 443-451. | 1.7 | 16 |
| 152 | Nanowire Solar Cells: A New Radiation Hard PV Technology for Space Applications. IEEE Journal of Photovoltaics, 2020, 10, 502-507. | 1.5 | 15 |
| 153 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Applied Bio Materials, 2020, 3, 2873-2874. | 2.3 | 0 |
| 154 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Organic Chemistry, 2020, 85, 5751-5752. | 1.7 | 0 |
| 155 | Electro-optically Tunable Multifunctional Metasurfaces. ACS Nano, 2020, 14, 6912-6920. | 7.3 | 198 |
| 156 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of the American Society for Mass Spectrometry, 2020, 31, 1006-1007. | 1.2 | 0 |
| 157 | Conformal SnO<sub>x</sub> heterojunction coatings for stabilized photoelectrochemical water oxidation using arrays of silicon microcones. Journal of Materials Chemistry A, 2020, 8, 9292-9301. | 5.2 | 12 |
| 158 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Accounts of Chemical Research, 2020, 53, 1001-1002. | 7.6 | 0 |
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| 160 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Chemical Reviews, 2020, 120, 3939-3940. | 23.0 | 0 |
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| 162 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Langmuir, 2020, 36, 4565-4566. | 1.6 | 0 |

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| 163 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Molecular Pharmaceutics, 2020, 17, 1445-1446. | 2.3 | 0 |
| 164 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Infectious Diseases, 2020, 6, 891-892. | 1.8 | 0 |
| 165 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Crystal Growth and Design, 2020, 20, 2817-2818. | 1.4 | 1 |
| 166 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Medicinal Chemistry, 2020, 63, 4409-4410. | 2.9 | 0 |
| 167 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Physical Chemistry A, 2020, 124, 3501-3502. | 1.1 | 0 |
| 168 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Nano Letters, 2020, 20, 2935-2936. | 4.5 | 0 |
| 169 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. ACS Sensors, 2020, 5, 1251-1252. | 4.0 | 0 |
| 170 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of Chemical Information and Modeling, 2020, 60, 2651-2652. | 2.5 | 0 |
| 171 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Industrial & Engineering Chemistry Research, 2020, 59, 8509-8510. | 1.8 | 0 |
| 172 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Journal of the American Chemical Society, 2020, 142, 8059-8060. | 6.6 | 3 |
| 173 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Inorganic Chemistry, 2020, 59, 5796-5797. | 1.9 | 0 |
| 174 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organometallics, 2020, 39, 1665-1666. | 1.1 | 0 |
| 175 | Update to Our Reader, Reviewer, and Author Communitiesâ€"April 2020. Organic Letters, 2020, 22, 3307-3308. | 2.4 | 0 |
| 176 | Hot-Hole versus Hot-Electron Transport at Cu/GaN Heterojunction Interfaces. ACS Nano, 2020, 14, 5788-5797. | 7.3 | 53 |
| 177 | Confronting Racism in Chemistry Journals. ACS Biomaterials Science and Engineering, 2020, 6, 3690-3692. | 2.6 | 1 |
| 178 | Confronting Racism in Chemistry Journals. ACS Omega, 2020, 5, 14857-14859. | 1.6 | 1 |
| 179 | Design of efficient radiative emission and daytime cooling structures with Si<sub>3</sub>N<sub>4</sub> and SiO<sub>2</sub> nanoparticle laminate films. Optics Express, 2020, 28, 35784. | 1.7 | 6 |
| 180 | Controlling the dopant profile for SRH suppression at low current densities in Î»â€‰â‰ˆâ€‰1330â€‰nm GaInAsP light-emitting diodes. Applied Physics Letters, 2020, 116, 203503. | 1.5 | 1 |

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