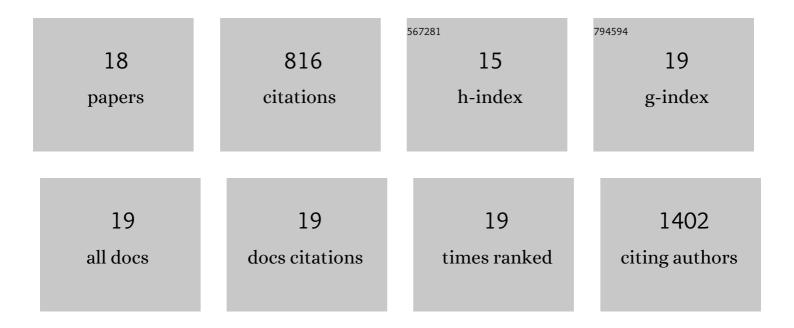
Bolei Xu

List of Publications by Year in descending order

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ROLEL XII

| # | Article | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Dynamics of the triplet-pair state reveals the likely coexistence of coherent and incoherent singlet fission in crystalline hexacene. Nature Chemistry, 2017, 9, 341-346. | 13.6 | 155 |
| 2 | Polarized Absorption in Crystalline Pentacene: Theory vs Experiment. Journal of Physical Chemistry C, 2015, 119, 22137-22147. | 3.1 | 98 |
| 3 | Activation of Thiols at a Silver Nanoparticle Surface. Angewandte Chemie - International Edition, 2011, 50, 6622-6625. | 13.8 | 90 |
| 4 | Indirect determination of sulfide ions in water samples at trace level by anodic stripping voltammetry using mercury film electrode. Analytical Methods, 2010, 2, 154-158. | 2.7 | 51 |
| 5 | Solid state transformation of the crystalline monohydrate (CH3NH3)PbI3(H2O) to the (CH3NH3)PbI3 perovskite. Chemical Communications, 2015, 51, 11290-11292. | 4.1 | 51 |
| 6 | Gram's Stain Does Not Cross the Bacterial Cytoplasmic Membrane. ACS Chemical Biology, 2015, 10, 1711-1717. | 3.4 | 51 |
| 7 | The Effect of Composition, Morphology, and Susceptibility on Nonlinear Light Scattering from Metallic and Dielectric Nanoparticles. Journal of Physical Chemistry Letters, 2012, 3, 2877-2881. | 4.6 | 40 |
| 8 | Real-time molecular uptake and membrane-specific transport in living cells by optical microscopy and nonlinear light scattering. Chemical Physics Letters, 2014, 605-606, 158-163. | 2.6 | 30 |
| 9 | Stabilized phase detection of heterodyne sum frequency generation for interfacial studies. Optics Letters, 2015, 40, 4472. | 3.3 | 28 |
| 10 | Adsorption of Anionic Thiols on Silver Nanoparticles. Journal of Physical Chemistry C, 2015, 119, 5454-5461. | 3.1 | 25 |
| 11 | Photoactivated Production of Secondary Organic Species from Isoprene in Aqueous Systems. Journal of Physical Chemistry A, 2016, 120, 9042-9048. | 2.5 | 23 |
| 12 | Observation of Organic Molecules at the Aerosol Surface. Journal of Physical Chemistry Letters, 2016, 7, 2294-2297. | 4.6 | 21 |
| 13 | Effects of Molecular Structure and Solvent Polarity on Adsorption of Carboxylic Anchoring Dyes onto TiO ₂ Particles in Aprotic Solvents. Langmuir, 2017, 33, 7036-7042. | 3.5 | 19 |
| 14 | Anisotropic Singlet Fission in Single Crystalline Hexacene. IScience, 2019, 19, 1079-1089. | 4.1 | 16 |
| 15 | Excitonic and Confinement Effects of 2D Layered (C ₁₀ H ₂₁ NH ₃) ₂ PbBr ₄ Single Crystals. ACS Applied Energy Materials, 2018, 1, 1476-1482. | 5.1 | 14 |
| 16 | Super Bright Luminescent Metallic Nanoparticles. Journal of Physical Chemistry Letters, 2018, 9, 4155-4159. | 4.6 | 13 |
| 17 | A sensitive electrochemical approach for monitoring the effects of nano-Al ₂ O ₃ on LDH activity by differential pulse voltammetry. Analyst, The, 2010, 135, 116-120. | 3.5 | 11 |
| 18 | External Stimuli Responsive 2D Charge Transfer Polymers. Advanced Materials Interfaces, 2017, 4, 1600769. | 3.7 | 7 |