

Bolei Xu

List of Publications by Year in descending order

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816
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567281

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times ranked

1402
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of the triplet-pair state reveals the likely coexistence of coherent and incoherent singlet fission in crystalline hexacene. <i>Nature Chemistry</i> , 2017, 9, 341-346.	13.6	155
2	Polarized Absorption in Crystalline Pentacene: Theory vs Experiment. <i>Journal of Physical Chemistry C</i> , 2015, 119, 22137-22147.	3.1	98
3	Activation of Thiols at a Silver Nanoparticle Surface. <i>Angewandte Chemie - International Edition</i> , 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. <i>Analytical Methods</i> , 2010, 2, 154-158.	2.7	51
5	Solid state transformation of the crystalline monohydrate (CH ₃ NH ₃)PbI ₃ (H ₂ O) to the (CH ₃ NH ₃)PbI ₃ perovskite. <i>Chemical Communications</i> , 2015, 51, 11290-11292.	4.1	51
6	Gram ⁺ Stain Does Not Cross the Bacterial Cytoplasmic Membrane. <i>ACS Chemical Biology</i> , 2015, 10, 1711-1717.	3.4	51
7	The Effect of Composition, Morphology, and Susceptibility on Nonlinear Light Scattering from Metallic and Dielectric Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 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. <i>Chemical Physics Letters</i> , 2014, 605-606, 158-163.	2.6	30
9	Stabilized phase detection of heterodyne sum frequency generation for interfacial studies. <i>Optics Letters</i> , 2015, 40, 4472.	3.3	28
10	Adsorption of Anionic Thiols on Silver Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2015, 119, 5454-5461.	3.1	25
11	Photoactivated Production of Secondary Organic Species from Isoprene in Aqueous Systems. <i>Journal of Physical Chemistry A</i> , 2016, 120, 9042-9048.	2.5	23
12	Observation of Organic Molecules at the Aerosol Surface. <i>Journal of Physical Chemistry Letters</i> , 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. <i>Langmuir</i> , 2017, 33, 7036-7042.	3.5	19
14	Anisotropic Singlet Fission in Single Crystalline Hexacene. <i>IScience</i> , 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. <i>ACS Applied Energy Materials</i> , 2018, 1, 1476-1482.	5.1	14
16	Super Bright Luminescent Metallic Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 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. <i>Analyst</i> , The, 2010, 135, 116-120.	3.5	11
18	External Stimuli Responsive 2D Charge Transfer Polymers. <i>Advanced Materials Interfaces</i> , 2017, 4, 1600769.	3.7	7