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## Polariton Transitions in Femtosecond Transient Absorption Studies of Ultrastrong Light-Molecule Coupling

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44	Entropy Reorders Polariton States. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 6389-6395	6.4	23
43	Virtual Issue on Polaritons in Physical Chemistry. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 19875-19879	3.8	
42	Controllable Frequency Dependence of Resonance Energy Transfer Coupled with Localized Surface Plasmon Polaritons. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 6796-6804	6.4	7
41	Polaritons and excitons: Hamiltonian design for enhanced coherence. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , <b>2020</b> , 476, 20200278	2.4	15
40	Manipulating Two-Photon-Absorption of Cavity Polaritons by Entangled Light. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 8177-8182	6.4	14
39	Energy relaxation pathways between light-matter states revealed by coherent two-dimensional spectroscopy. <i>Communications Physics</i> , <b>2020</b> , 3,	5.4	12
38	Theory of molecular emission power spectra. I. Macroscopic quantum electrodynamics formalism. <i>Journal of Chemical Physics</i> , <b>2020</b> , 153, 184102	3.9	4
37	Quantum Information and Algorithms for Correlated Quantum Matter. <i>Chemical Reviews</i> , <b>2021</b> , 121, 3061-3120	68.1	22
36	Ultrafast thermal modification of strong coupling in an organic microcavity. <i>APL Photonics</i> , <b>2021</b> , 6, 016103	3.3	4
35	Manipulating Core Excitations in Molecules by X-Ray Cavities. <i>Physical Review Letters</i> , <b>2021</b> , 126, 053201	7.4	3
34	Multi-scale dynamics simulations of molecular polaritons: The effect of multiple cavity modes on polariton relaxation. <i>Journal of Chemical Physics</i> , <b>2021</b> , 154, 104112	3.9	14
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32	Generalization of the Tavis-Cummings model for multi-level anharmonic systems. <i>New Journal of Physics</i> , <b>2021</b> , 23, 063081	2.9	6
31	Enhanced optical nonlinearities under collective strong light-matter coupling. <i>Physical Review A</i> , <b>2021</b> , 103,	2.6	7
30	Local molecular probes of ultrafast relaxation channels in strongly coupled metalloporphyrin-cavity systems. <i>Journal of Chemical Physics</i> , <b>2021</b> , 155, 064702	3.9	1
29	Molecular vibrational polariton: Its dynamics and potentials in novel chemistry and quantum technology. <i>Journal of Chemical Physics</i> , <b>2021</b> , 155, 050901	3.9	15
28	Polariton Decay in Donor-Acceptor Cavity Systems. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 9774-9782	3.2	5

27	Manipulating valence and core electronic excitations of a transition-metal complex using UV/Vis and X-ray cavities. <i>Chemical Science</i> , <b>2021</b> , 12, 8088-8095	9.4	3
26	Untargeted effects in organic exciton-polariton transient spectroscopy: A cautionary tale. <i>Journal of Chemical Physics</i> , <b>2021</b> , 155, 154701	3.9	4
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24	Isolating Polaritonic 2D-IR Transmission Spectra. <i>Journal of Physical Chemistry Letters</i> , <b>2021</b> , 12, 11406-11414	4.4	5
23	Virtual Issue on Polaritons in Physical Chemistry. <i>Journal of Physical Chemistry Letters</i> , <b>2020</b> , 11, 7920-7924	4.4	0
22	Cavity catalysis: modifying linear free-energy relationship under cooperative vibrational strong coupling.. <i>Chemical Science</i> , <b>2021</b> , 13, 195-202	9.4	6
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- 3 Non-Hermitian Hamiltonians for linear and nonlinear optical response: A model for plexcitons. **2023**, 158, 104104 0
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