

Jino George

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

4,012
citations

218677

26
h-index

302126

39
g-index

54
all docs

54
docs citations

54
times ranked

2330
citing authors

#	ARTICLE	IF	CITATIONS
1	Tilting a ground-state reactivity landscape by vibrational strong coupling. <i>Science</i> , 2019, 363, 615-619.	12.6	495
2	Conductivity in organic semiconductors hybridized with the vacuum field. <i>Nature Materials</i> , 2015, 14, 1123-1129.	27.5	433
3	Ground-State Chemical Reactivity under Vibrational Coupling to the Vacuum Electromagnetic Field. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11462-11466.	13.8	342
4	Coherent coupling of molecular resonators with a microcavity mode. <i>Nature Communications</i> , 2015, 6, 5981.	12.8	340
5	Energy Transfer between Spatially Separated Entangled Molecules. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9034-9038.	13.8	274
6	Cavity Catalysis by Cooperative Vibrational Strong Coupling of Reactant and Solvent Molecules. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10635-10638.	13.8	189
7	Non-Radiative Energy Transfer Mediated by Hybrid Light-Matter States. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 6202-6206.	13.8	174
8	Surface Plasmon Coupled Circular Dichroism of Au Nanoparticles on Peptide Nanotubes. <i>Journal of the American Chemical Society</i> , 2010, 132, 2502-2503.	13.7	173
9	Multiple Rabi Splittings under Ultrastrong Vibrational Coupling. <i>Physical Review Letters</i> , 2016, 117, 153601.	7.8	168
10	Liquid-Phase Vibrational Strong Coupling. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 1027-1031.	4.6	143
11	Modification of Enzyme Activity by Vibrational Strong Coupling of Water. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15324-15328.	13.8	126
12	Enhanced Raman Scattering from Vibro-Polariton Hybrid States. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7971-7975.	13.8	108
13	Ultra-strong coupling of molecular materials: spectroscopy and dynamics. <i>Faraday Discussions</i> , 2015, 178, 281-294.	3.2	104
14	Quantum Yield of Polariton Emission from Hybrid Light-Matter States. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 1433-1439.	4.6	98
15	Ground-State Chemical Reactivity under Vibrational Coupling to the Vacuum Electromagnetic Field. <i>Angewandte Chemie</i> , 2016, 128, 11634-11638.	2.0	94
16	Quantum Strong Coupling with Protein Vibrational Modes. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4159-4164.	4.6	74
17	Thermodynamics of Molecules Strongly Coupled to the Vacuum Field. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10533-10536.	13.8	66
18	Conductivity and Photoconductivity of a p-Type Organic Semiconductor under Ultrastrong Coupling. <i>ACS Nano</i> , 2020, 14, 10219-10225.	14.6	56

#	ARTICLE	IF	CITATIONS
19	Improving Enzyme Catalytic Efficiency by Co-operative Vibrational Strong Coupling of Water. Journal of Physical Chemistry Letters, 2021, 12, 379-384.	4.6	53
20	Voltage-Controlled Switching of Strong Light-Matter Interactions using Liquid Crystals. Chemistry - A European Journal, 2017, 23, 18166-18170.	3.3	50
21	Non-Radiative Energy Transfer Mediated by Hybrid Light-Matter States. Angewandte Chemie, 2016, 128, 6310-6314.	2.0	35
22	Two-Dimensional Growth Rate Control of α -Phenylalanine Crystal by Laser Trapping in Unsaturated Aqueous Solution. Crystal Growth and Design, 2016, 16, 953-960.	3.0	34
23	Vibro-Polaritonic IR Emission in the Strong Coupling Regime. ACS Photonics, 2018, 5, 217-224.	6.6	34
24	Cavity Catalysis by Cooperative Vibrational Strong Coupling of Reactant and Solvent Molecules. Angewandte Chemie, 2019, 131, 10745-10748.	2.0	33
25	Chiral Plasmons: Au Nanoparticle Assemblies on Thermoresponsive Organic Templates. ACS Nano, 2019, 13, 4392-4401.	14.6	32
26	Coupling of Elementary Electronic Excitations: Drawing Parallels Between Excitons and Plasmons. Journal of Physical Chemistry Letters, 2018, 9, 919-932.	4.6	28
27	Electronic Light-Matter Strong Coupling in Nanofluidic Fabry-Pérot Cavities. ACS Photonics, 2018, 5, 225-232.	6.6	28
28	Cavity catalysis: modifying linear free-energy relationship under cooperative vibrational strong coupling. Chemical Science, 2021, 13, 195-202.	7.4	25
29	Enhanced Charge Transport in Two-Dimensional Materials through Light-Matter Strong Coupling. ACS Nano, 2021, 15, 13616-13622.	14.6	24
30	Energy Transfer between Spatially Separated Entangled Molecules. Angewandte Chemie, 2017, 129, 9162-9166.	2.0	23
31	Modification of Enzyme Activity by Vibrational Strong Coupling of Water. Angewandte Chemie, 2019, 131, 15468-15472.	2.0	21
32	Mueller Polarimetry of Chiral Supramolecular Assembly. Journal of Physical Chemistry C, 2018, 122, 14205-14212.	3.1	20
33	Enhanced Raman Scattering from Vibro-Polariton Hybrid States. Angewandte Chemie, 2015, 127, 8082-8086.	2.0	17
34	Functional Control on the 2D Self-Organization of Phenyleneethynyls. Journal of Physical Chemistry C, 2009, 113, 11836-11843.	3.1	14
35	Boosting Self-interaction of Molecular Vibrations under Ultrastrong Coupling Condition. Journal of Physical Chemistry Letters, 2021, 12, 4313-4318.	4.6	13
36	Electromagnetic Field Dependence of Strong Coupling in WS ₂ Monolayers. Physica Status Solidi - Rapid Research Letters, 2021, 15, 2000580.	2.4	8

#	ARTICLE	IF	CITATIONS
37	Metal-induced fluorescence lifetime enhancement of quinaldine chromophore on gold nanoparticle surface. <i>New Journal of Chemistry</i> , 2013, 37, 2426.	2.8	3
38	Surface plasmon enhanced spectroscopies and time and space resolved methods: general discussion. <i>Faraday Discussions</i> , 2015, 178, 253-279.	3.2	3
39	Correction to Vibro-Polaritonic IR Emission in the Strong Coupling Regime. <i>ACS Photonics</i> , 2019, 6, 1823-1825.	6.6	2
40	Non-Radiative Energy Transfer via Hybrid Light-Matter States. , 2016, , .		1