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1. Lijun Yang, D. Abramavicius, and S. Mukamel, "Signatures of Three-exciton Correlations in the Coherent and Incoherent Nonlinear Optical Response of Photosynthetic Complexes," New J. Phys. 12, 065046 (2010). https://iopscience.iop.org/article/10.1088/1367-2630/12/6/065046 (https://iopscience.iop.org/article/10.1088/1367-2630/12/6/065046)
2. Lijun Yang and Shaul Mukamel, Dissecting quantum pathways in two-dimensional correlation spectroscopy of semiconductors, J. Phys.: Condens. Matter, 20, 395202 (11 pages) (2008). https://mukamel.ps.uci.edu/publications/pdfs/615.pdf (https://mukamel.ps.uci.edu/publications/pdfs/615.pdf)
3. Lijun Yang and Shaul Mukamel, Revealing exciton-exciton couplings in semiconductors by multidimensional four wave mixing signals, Phys. Rev. B., 77, 075335 (11 pages) (2008). https://mukamel.ps.uci.edu/publications/pdfs/585.pdf (https://mukamel.ps.uci.edu/publications/pdfs/585.pdf)
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6. Lijun Yang and M. M. Dignam, Nonlinear Ultrafast Optical Absorption and Pump-Probe Spectroscopy in Biased Semiconductor Superlattices, Phys. Rev. B 73, 035334 (8 pages) (2006). https://journals.aps.org/prb/abstract/10.1103/PhysRevB.73.035334 (https://journals.aps.org/prb/abstract/10.1103/PhysRevB.73.035334)
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8. Lijun Yang, Ben Rosam, and Marc M. Dignam, Density-Dependent THz Emission in Biased Semiconductor Superlattices: from Bloch Oscillations to Plasma Oscillations, Phys. Rev. B 72, 115313 (12 pages) (2005). https://journals.aps.org/prb/abstract/10.1103/PhysRevB.72.115313 (https://journals.aps.org/prb/abstract/10.1103/PhysRevB.72.115313)
9. Ben Rosam, Karl Leo, Lijun Yang, and Marc M. Dignam, Terahertz Generation by Difference Frequency Mixing of Excitonic Wannier-Stark Ladder States in Biased Semiconductor Superlattices, Appl. Phys. Lett. 85, 4612 (3 pages) (2004). https://aip.scitation.org/doi/10.1063/1.1819508 (https://aip.scitation.org/doi/10.1063/1.1819508)
10. Lijun Yang, Ben Rosam, Jean-Marc Lachaine, Karl Leo, and Marc M. Dignam, Intraband Polarization and THz Emission in Biased Semiconductor Superlattices with Full Excitonic Basis, Phys. Rev. B 69, 165310 (12 pages) (2004). https://journals.aps.org/prb/abstract/10.1103/PhysRevB.69.165310

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