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所有發表期刊論文

1. J.-W. Liaw*, W.-J. Lo, and M.-K. Kuo*, "Theoretical study of optical torques for alignments of Ag nanorod and nanowire", *J. Quant. Spectrosc. Radiat. Transfer* 2014 (submitted).
2. J.-C. Cheng, J.-W. Liaw*, C. Ma, R. Zhang, "Dispersion relation of a plasmonic waveguide on substrate", *Vacuum* 2014 (in press).
3. J.-W. Liaw*, Y.-S. Chen, and M.-K. Kuo*, "Rotating Au nanorod & nanowire driven by circularly polarized light", *Opt. Express* 22(21), 26005-26015, 2014.
4. J.-W. Liaw*, H.-C. Chen, M.-K. Kuo*, "Comparison of Au and Ag nanoshells' metal-enhanced fluorescence", *J. Quant. Spectrosc. Radiat. Transfer* 146, 321–330, 2014.
5. J.-W. Liaw, W.-J. Lo, and M.-K. Kuo*, "Wavelength-dependent longitudinal polarizability of gold nanorod on optical torque", *Opt. Express* 22(9), 10858-67, 2014.
6. J.-W. Liaw*, H.-C. Chen, B.-R. Chen, M.-K. Kuo*, "Metal enhanced fluorescence of Ag-nanoshell dimer", *Appl. Phys. A* 115, 45–52, 2014.
7. C. Ma, R. Zhang, J.-W. Liaw*, J.-C. Cheng, "Plasmonic modes of nanobox, nanocage, and nanoframe", *Appl. Phys. A* 115, 31-37, 2014.
8. J.-W. Liaw, H.-C. Chen, M.-K. Kuo*, "Plasmonic Fano Resonance and Dip of Au-SiO₂-Au Nanomtryoshka", *Nanoscale Res Lett*. 8:468, 2013.
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12. Y. Gao, R. Zhang, J.-C. Cheng, J.-W. Liaw*, and C. Ma, "Optical properties of plasmonic dimer, trimer, tetramer and pentamer assembles of gold nanoboxes", *J. Quant. Spectrosc. Radiat. Transfer* 125, 23-32, 2013.
13. J.-W. Liaw, C.-H. Huang, and M.-K. Kuo*, "Longitudinal plasmon modes of Ag nanorod coupled with a pair of quantum dots", *J. Nanosci. Nanotechnol.* 13, 6627–6634, 2013.
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