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摘要: An intense terahertz (THz) radiation generated by the beating of two Langmuir waves, which are excited by the forward Raman scattering, is analyzed theoretically. The radiation energy per shot can be as high as 0.1 J, with the duration of 10 ps. Appropriate plasma density and the laser characteristics are examined. (C) 2012 American Institute of Physics. [http://dx.doi.org/10.1063/1.4769105]
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