

# David M Pepper

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

1,802  
citations

840776

11  
h-index

1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

627  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Retromodulation/conjugation using a self-pumped atomic sodium phase-conjugate mirror. Optics Letters, 1991, 16, 802.   | 3.3 | 5         |
| 2  | Observation of diminished specular reflectivity from phase-conjugate mirrors. Physical Review Letters, 1989, 62, 2945-2948.  | 7.8 | 26        |
| 3  | Hybrid phase conjugator/modulators using self-pumped $0^{\circ}$ and $45^{\circ}$ BaTiO <sub>3</sub> crystals. Applied Physics Letters, 1986, 49, 1001-1003.                             | 3.3 | 26        |
| 4  | Nonlinear Optical Phase Conjugation. , 1985, , 333-485.  |     | 23        |
| 5  | Optical Phase Conjugation Using Three-Wave and Four-Wave Mixing via Elastic Photon Scattering in Transparent Media. , 1983, , 23-78.   |     | 6         |
| 6  | Applications of Nonlinear Optical Phase Conjugation. , 1983, , 537-595.  |     | 5         |
| 7  | Nonlinear Optical Phase Conjugation. Optical Engineering, 1982, 21, 156.   | 1.0 | 208       |
| 8  | Compensation for phase distortions in nonlinear media by phase conjugation. Optics Letters, 1980, 5, 59.   | 3.3 | 114       |
| 9  | Continuous backward-wave generation by degenerate four-wave mixing in optical fibers. Optics Letters, 1979, 4, 42.   | 3.3 | 31        |
| 10 | Compensation for channel dispersion by nonlinear optical phase conjugation. Optics Letters, 1979, 4, 52.   | 3.3 | 384       |
| 11 | Spatial convolution and correlation of optical fields via degenerate four-wave mixing. Optics Letters, 1978, 3, 7.   | 3.3 | 132       |
| 12 | Narrow optical bandpass filter via nearly degenerate four-wave mixing. Optics Letters, 1978, 3, 212.   | 3.3 | 95        |
| 13 | Observation of amplified phase-conjugate reflection and optical parametric oscillation by degenerate four-wave mixing in a transparent medium. Applied Physics Letters, 1978, 33, 41-44. | 3.3 | 99        |
| 14 | Image phase compensation and real-time holography by four-wave mixing in optical fibers. Applied Physics Letters, 1978, 32, 635-637.   | 3.3 | 60        |
| 15 | Amplified reflection, phase conjugation, and oscillation in degenerate four-wave mixing. Optics Letters, 1977, 1, 16.  | 3.3 | 588       |