

# Ernest E Bergmann

## List of Publications by Year in descending order

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16  
papers

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citations

1478505

6  
h-index

1125743

13  
g-index

16  
all docs

16  
docs citations

16  
times ranked

33  
citing authors

#	ARTICLE	IF	CITATIONS
1	Half Weight Block Codes for Optical Communications. At&T Technical Journal, 1986, 65, 85-93.	0.3	17
2	Nanosecond evolution of a low inductance air spark. Journal of Applied Physics, 1986, 59, 269-271.	2.5	2
3	Polarization independent beam splitter. Review of Scientific Instruments, 1983, 54, 579-581.	1.3	2
4	Fast nondamageable laser pulse detector using gaseous plasma. Applied Physics Letters, 1980, 37, 18-19.	3.3	5
5	High-efficiency pulsed 106- $\frac{1}{4}$ m phase-conjugate reflection via degenerate four-wave mixing. Optics Letters, 1978, 3, 82.	3.3	73
6	Coherent uv from a TEA N <sub>2</sub> laser system. Applied Physics Letters, 1977, 31, 661-663.	3.3	18
7	Measurement of nanosecond HV transients with the Kerr effect. Review of Scientific Instruments, 1977, 48, 1641-1644.	1.3	5
8	Compact TEA N <sub>2</sub> laser. Review of Scientific Instruments, 1977, 48, 545-546.	1.3	22
9	uv TEA laser with 760 Torr N <sub>2</sub> . Applied Physics Letters, 1976, 28, 84-85.	3.3	40
10	Comments on "Precise definition of group velocity". American Journal of Physics, 1976, 44, 890-891.	1.7	2
11	Collision induced transitions in neon. Journal of Applied Physics, 1976, 47, 2494-2496.	2.5	0
12	Comments on: Real-Time Holographic Motion Picture Camera Capable of Recording Front Surface Detail from a Random Velocity Vector. Applied Optics, 1974, 13, 1551.	2.1	0
13	Simple Phase Adjustment for "Difference" Holography. Review of Scientific Instruments, 1973, 44, 1134-1134.	1.3	0
14	Simple Kinematic Laser Mirror Mount. Review of Scientific Instruments, 1972, 43, 548-548.	1.3	2
15	Optical Resonators with Paraxial Modes. Applied Optics, 1972, 11, 113.	2.1	11
16	Tests for $ \hat{I}  \ll 1$ in Electromagnetic Interactions. Physical Review, 1968, 172, 1441-1445.	2.7	4