

Raymond Newell

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

284
citations

1307594

7
h-index

1588992

8
g-index

13
all docs

13
docs citations

13
times ranked

388
citing authors

#	ARTICLE	IF	CITATIONS
1	Perseverance's Scanning Habitable Environments with Raman and Luminescence for Organics and Chemicals (SHERLOC) Investigation. Space Science Reviews, 2021, 217, 1.	8.1	94
2	Planetary Geochemical Investigations Using Raman and Laser-Induced Breakdown Spectroscopy. Applied Spectroscopy, 2014, 68, 925-936.	2.2	56
3	Nondestructive spatial heterodyne imaging of cold atoms. Optics Letters, 2001, 26, 137.	3.3	42
4	Dense atom clouds in a holographic atom trap. Optics Letters, 2003, 28, 1266.	3.3	36
5	A magneto-optical trap loaded from a pyramidal funnel. Optics Express, 1998, 3, 111.	3.4	25
6	Loading dynamics of optical trap and parametric excitation resonances of trapped atoms. Journal of Applied Physics, 2006, 100, 054903.	2.5	11
7	Trusted Node QKD at an Electrical Utility. IEEE Access, 2021, 9, 105220-105229.	4.2	9
8	Demonstration of a Quantum Key Distribution Trusted Node on an Electric Utility Fiber Network. , 2019, , .		5
9	Optical calibration of the SuperCam instrument body unit spectrometers. Applied Optics, 2022, 61, 2967.	1.8	4
10	The Processing Electronics and Detector of the Mars 2020 SHERLOC Instrument. , 2020, , .		1
11	Optical design and performance of the SuperCam instrument for the Perseverance rover. , 2021, , .		0