

Karl D Stephan

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

222
citations

1478505

6
h-index

996975

15
g-index

28
all docs

28
docs citations

28
times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	We've Got to Talk: Emergency Communications and Engineering Ethics. IEEE Technology and Society Magazine, 2007, 26, 42-48.	0.8	60
2	Social Implications of Technology: The Past, the Present, and the Future. Proceedings of the IEEE, 2012, 100, 1752-1781.	21.3	47
3	Burning molten metallic spheres: One class of ball lightning?. Journal of Atmospheric and Solar-Terrestrial Physics, 2008, 70, 1589-1596.	1.6	25
4	Advances in ball lightning research. Journal of Atmospheric and Solar-Terrestrial Physics, 2019, 195, 105115.	1.6	22
5	Microwave generation of stable atmospheric-pressure fireballs in air. Physical Review E, 2006, 74, 055401.	2.1	11
6	Fluorescence caused by ionizing radiation from ball lightning: Observation and quantitative analysis. Journal of Atmospheric and Solar-Terrestrial Physics, 2016, 148, 32-38.	1.6	9
7	Microwave Radiometry for Continuous Non-Contact Temperature Measurements During Microwave Heating. Journal of Microwave Power and Electromagnetic Energy, 2005, 40, 49-61.	0.8	6
8	Transverse Stabilization of Atmospheric-Pressure DC Glow Plasma in Air With Resistive Barrier. IEEE Transactions on Plasma Science, 2011, 39, 1919-1926.	1.3	6
9	Quantitative intensity and location measurements of an intense long-duration luminous object near Marfa, Texas. Journal of Atmospheric and Solar-Terrestrial Physics, 2011, 73, 1953-1958.	1.6	6
10	Implications of the visual appearance of ball lightning for luminosity mechanisms. Journal of Atmospheric and Solar-Terrestrial Physics, 2012, 89, 120-131.	1.6	6
11	Artificial intelligence and its natural limits. AI and Society, 2021, 36, 9-18.	4.6	5
12	We've Got to Talk: Emergency Communications and Engineering Ethics. , 2006, , .		3
13	Spectroscopy applied to observations of terrestrial light sources of uncertain origin. American Journal of Physics, 2009, 77, 697-703.	0.7	3
14	Hazards to Aircraft Crews, Passengers, and Equipment from Thunderstorm-Generated X-rays and Gamma-Rays. Radiation, 2021, 1, 162-173.	1.4	3
15	Are There Experts in Engineering Ethics?. IEEE Potentials, 2012, 31, 17-27.	0.3	2
16	GM Ignition Switch Recall: Too Little Too Late? [Ethical Dilemmas]. IEEE Technology and Society Magazine, 2016, 35, 34-35.	0.8	2
17	Microwave Radiometry for Cement Kiln Temperature Measurements. Journal of Microwave Power and Electromagnetic Energy, 2005, 40, 140-144.	0.8	1
18	Effect of feed-gas humidity on nitrogen atmospheric-pressure plasma jet for biological applications. Technology and Health Care, 2016, 24, 943-948.	1.2	1

#	ARTICLE	IF	CITATIONS
19	Is Apple Losing Its Shine?: Concerns over worker safety in Chinese consumer electronics factories.. IEEE Consumer Electronics Magazine, 2017, 6, 101-102.	2.3	1
20	Apple Versus the Feds: How a smartphone stymied the FBI.. IEEE Consumer Electronics Magazine, 2017, 6, 103-104.	2.3	1
21	Exploding Galaxies: How to do recalls right. IEEE Consumer Electronics Magazine, 2017, 6, 99-100.	2.3	1
22	Dispersion and attenuation characteristics of steady-state microwave plasma waveguide. AIP Advances, 2020, 10, .	1.3	1
23	Reply to comments on "burning molten metallic spheres: one class of ball lightning?" Journal of Atmospheric and Solar-Terrestrial Physics, 2009, 71, 1003-1004.	1.6	0
24	Prolog to the Section on Social Implications of Technology. Proceedings of the IEEE, 2012, 100, 1750-1751.	21.3	0
25	Toyota: Not So Fast, Guys [Ethical Dilemmas]. IEEE Technology and Society Magazine, 2016, 35, 36-37.	0.8	0
26	The Cybernetics Movement [Book Reviews]. IEEE Technology and Society Magazine, 2016, 35, 20-22.	0.8	0
27	Self-excited electrostatic pendulum showing electrohydrodynamic-force-induced oscillation. Journal of Applied Physics, 2017, 122, 243302.	2.5	0
28	Secrets and Lies (review of "Bad Blood: Secrets and Lies in a Silicon Valley Startup") Book Reviews]. IEEE Technology and Society Magazine, 2019, 38, 10-12.	0.8	0