

# James R Suckling

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6574899/publications.pdf>

Version: 2024-02-01

18  
papers

850  
citations

933447

10  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1163  
citing authors

#	ARTICLE	IF	CITATIONS
1	Slow waves caused by cuts perpendicular to a single subwavelength slit in metal. <i>New Journal of Physics</i> , 2007, 9, 1-1.	2.9	279
2	Finite Conductance Governs the Resonance Transmission of Thin Metal Slits at Microwave Frequencies. <i>Physical Review Letters</i> , 2004, 92, 147401.	7.8	111
3	Overlayers on Silver Nanotriangles: Field Confinement and Spectral Position of Localized Surface Plasmon Resonances. <i>Nano Letters</i> , 2006, 6, 1772-1777.	9.1	109
4	The hibernating mobile phone: Dead storage as a barrier to efficient electronic waste recovery. <i>Waste Management</i> , 2017, 60, 521-533.	7.4	92
5	Redefining scope: the true environmental impact of smartphones?. <i>International Journal of Life Cycle Assessment</i> , 2015, 20, 1181-1196.	4.7	91
6	Engaging stakeholders in research to address water-energy-food (WEF) nexus challenges. <i>Sustainability Science</i> , 2018, 13, 1415-1426.	4.9	78
7	Remarkable Zeroth-Order Resonant Transmission of Microwaves through a Single Subwavelength Metal Slit. <i>Physical Review Letters</i> , 2005, 95, 187407.	7.8	14
8	Anaerobic digestion: a prime solution for water, energy and food nexus challenges. <i>Energy Procedia</i> , 2017, 123, 22-29.	1.8	14
9	Stepping up innovations in the water-energy-food nexus: A case study of anaerobic digestion in the UK. <i>Geographical Journal</i> , 2019, 185, 391-405.	3.1	14
10	Integrating Environmental and Social Life Cycle Assessment: Asking the Right Question. <i>Journal of Industrial Ecology</i> , 2017, 21, 1454-1463.	5.5	11
11	Enhanced microwave transmission through a patterned metal film. <i>Applied Physics Letters</i> , 2007, 90, 223506.	3.3	8
12	Supply chain optimization and analysis of <i>Hermetia illucens</i> (black soldier fly) bioconversion of surplus foodstuffs. <i>Journal of Cleaner Production</i> , 2021, 321, 128711.	9.3	8
13	Resonant transmission of microwaves through a finite length subwavelength metallic slit. <i>New Journal of Physics</i> , 2005, 7, 250-250.	2.9	7
14	Resonant transmission of microwaves through a hexagonal array of holes in a thin metal layer. <i>New Journal of Physics</i> , 2007, 9, 101-101.	2.9	3
15	Unintended Consequences: Unknowable and Unavoidable, or Knowable and Unforgivable?. <i>Frontiers in Climate</i> , 2021, 3, .	2.8	3
16	Resonant microwave transmission through individual subwavelength slits. , 2004, , .		1
17	Microwaves: thin metal slits and liquid crystals. , 2004, , .		1
18	What Is Value™ and How Can We Capture It from the Product Value Chain?. <i>Ecoproduction</i> , 2017, , 297-313.	0.8	1