

Jerome A Cuenca

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Microwave plasma modelling in clamshell chemical vapour deposition diamond reactors. <i>Diamond and Related Materials</i> , 2022, 124, 108917.	1.8	10
2	Thermal stress modelling of diamond on GaN/III-Nitride membranes. <i>Carbon</i> , 2021, 174, 647-661.	5.4	19
3	Measurement Technique for Microwave Surface Resistance of Additive Manufactured Metals. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021, 69, 189-197.	2.9	11
4	Surface zeta potential and diamond growth on gallium oxide single crystal. <i>Carbon</i> , 2021, 181, 79-86.	5.4	18
5	Crystalline Interlayers for Reducing the Effective Thermal Boundary Resistance in GaN-on-Diamond. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 54138-54145.	4.0	38
6	Dielectric Spectroscopy of Hydrogen-Treated Hexagonal Boron Nitride Ceramics. <i>ACS Applied Electronic Materials</i> , 2020, 2, 1193-1202.	2.0	5
7	GaN-on-diamond technology platform: Bonding-free membrane manufacturing process. <i>AIP Advances</i> , 2020, 10, .	0.6	21
8	Evaluating the coefficient of thermal expansion of additive manufactured AlSi10Mg using microwave techniques. <i>Additive Manufacturing</i> , 2019, 30, 100841.	1.7	15
9	Thick, Adherent Diamond Films on AlN with Low Thermal Barrier Resistance. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 40826-40834.	4.0	45
10	Superconducting boron doped nanocrystalline diamond on boron nitride ceramics. <i>Nanoscale</i> , 2019, 11, 10266-10272.	2.8	11
11	Microwave cavity perturbation of nitrogen doped nano-crystalline diamond films. <i>Carbon</i> , 2019, 145, 740-750.	5.4	19
12	Microwave Permittivity of Trace sp^2 Carbon Impurities in Sub-Micron Diamond Powders. <i>ACS Omega</i> , 2018, 3, 2183-2192.	1.6	7
13	Microwave absorption properties of CoGd substituted ZnFe_2O_4 ferrites synthesized by co-precipitation technique. <i>Ceramics International</i> , 2018, 44, 5909-5914.	2.3	21
14	Temperature Correction for Cylindrical Cavity Perturbation Measurements. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017, 65, 2153-2161.	2.9	15
15	Corrections to "Temperature Correction for Cylindrical Cavity Perturbation Measurements" [Jun 17 2153-2161]. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017, 65, 5078-5078.	2.9	1
16	Investigating the Broadband Microwave Absorption of Nanodiamond Impurities. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2015, 63, 4110-4118.	2.9	22
17	Microwave determination of sp^2 carbon fraction in nanodiamond powders. <i>Carbon</i> , 2015, 81, 174-178.	5.4	32