

Francisco Mesa

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1889688/francisco-mesa-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

242
papers

4,518
citations

34
h-index

58
g-index

319
ext. papers

5,556
ext. citations

3.3
avg, IF

5.58
L-index

#	Paper	IF	Citations
242	Comparative analysis of edge- and broadside- coupled split ring resonators for metamaterial design - theory and experiments. <i>IEEE Transactions on Antennas and Propagation</i> , 2003 , 51, 2572-2581	4.9	549
241	Left-handed-media simulation and transmission of EM waves in subwavelength split-ring-resonator-loaded metallic waveguides. <i>Physical Review Letters</i> , 2002 , 89, 183901	7.4	348
240	Extraordinary Transmission Through Arrays of Electrically Small Holes From a Circuit Theory Perspective. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2008 , 56, 3108-3120	4.1	127
239	Common-Mode Suppression in Microstrip Differential Lines by Means of Complementary Split Ring Resonators: Theory and Applications. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2012 , 60, 3023-3034	4.1	118
238	Enhanced transmission with a graphene-dielectric microstructure at low-terahertz frequencies. <i>Physical Review B</i> , 2012 , 85,	3.3	99
237	Dual capacitive-inductive nature of periodic graphene patches: Transmission characteristics at low-terahertz frequencies. <i>Physical Review B</i> , 2013 , 87,	3.3	82
236	Extraordinary Transmission Through Arrays of Slits: A Circuit Theory Model. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2010 , 58, 105-115	4.1	73
235	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1991 , 39, 1640-1649	4.1	72
234	Clinical and histologic comparison of two different composite grafts for sinus augmentation: a pilot clinical trial. <i>Clinical Oral Implants Research</i> , 2008 , 19, 755-9	4.8	71
233	Roadmap on metasurfaces. <i>Journal of Optics (United Kingdom)</i> , 2019 , 21, 073002	1.7	69
232	A new 2D isotropic left-handed metamaterial design: Theory and experiment. <i>Microwave and Optical Technology Letters</i> , 2002 , 35, 405-408	1.2	66
231	Multivariate study of factors influencing primary dental implant stability. <i>Clinical Oral Implants Research</i> , 2008 , 19, 196-200	4.8	59
230	Histomorphometric comparison of maxillary pristine bone and composite bone graft biopsies obtained after sinus augmentation. <i>Clinical Oral Implants Research</i> , 2010 , 21, 122-8	4.8	57
229	Three-dimensional superresolution in metamaterial slab lenses: Experiment and theory. <i>Physical Review B</i> , 2005 , 72,	3.3	57
228	Early implant failure. Prognostic capacity of Periotest: retrospective study of a large sample. <i>Clinical Oral Implants Research</i> , 2006 , 17, 459-64	4.8	55
227	The theory of surface-wave and space-wave leaky-mode excitation on microstrip lines. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1999 , 47, 207-215	4.1	54
226	Excitation of leaky modes on multilayer stripline structures. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1998 , 46, 1062-1071	4.1	52

225	Clinical Application of Mesenchymal Stem Cells and Novel Supportive Therapies for Oral Bone Regeneration. <i>BioMed Research International</i> , 2015 , 2015, 341327	3	51
224	APPLICATION OF STUB LOADED FOLDED STEPPED IMPEDANCE RESONATORS TO DUAL BAND FILTERS. <i>Progress in Electromagnetics Research</i> , 2010 , 102, 107-124	3.8	50
223	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1990 , 38, 1059-1068	4.1	49
222	New Absorbing Boundary Conditions and Analytical Model for Multilayered Mushroom-Type Metamaterials: Applications to Wideband Absorbers. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 5727-5742	4.9	48
221	Simple and Compact Balanced Bandpass Filters Based on Magnetically Coupled Resonators. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2015 , 63, 1843-1853	4.1	47
220	Circuit modeling of the transmissivity of stacked two-dimensional metallic meshes. <i>Optics Express</i> , 2010 , 18, 13309-20	3.3	47
219	Analytical Wideband Model for Strip/Slit Gratings Loaded With Dielectric Slabs. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2012 , 60, 3908-3918	4.1	45
218	Slow resorption of anorganic bovine bone by osteoclasts in maxillary sinus augmentation. <i>Clinical Implant Dentistry and Related Research</i> , 2013 , 15, 858-66	3.9	43
217	Analytical Multimodal Network Approach for 2-D Arrays of Planar Patches/Apertures Embedded in a Layered Medium. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 1969-1984	4.9	42
216	. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 1022-1031	4.9	41
215	An excitation theory for bound modes, leaky modes, and residual-wave currents on stripline structures. <i>Radio Science</i> , 2000 , 35, 495-510	1.4	40
214	Circuit modeling of multiband high-impedance surface absorbers in the microwave regime. <i>Physical Review B</i> , 2011 , 84,	3.3	39
213	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1992 , 40, 524-531	4.1	39
212	Closed-Form Expressions of Multilayered Planar Green's Functions That Account for the Continuous Spectrum in the Far Field. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2008 , 56, 1601-1614	4.1	38
211	Application of Total Least Squares to the Derivation of Closed-Form Green's Functions for Planar Layered Media. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2007 , 55, 268-280	4.1	38
210	Heat-shock protein 60 kDa and atherogenic dyslipidemia in patients with untreated mild periodontitis: a pilot study. <i>Cell Stress and Chaperones</i> , 2012 , 17, 399-407	4	36
209	DUAL-BAND DIFFERENTIAL FILTER USING BROADBAND COMMON-MODE REJECTION ARTIFICIAL TRANSMISSION LINE. <i>Progress in Electromagnetics Research</i> , 2013 , 139, 779-797	3.8	35
208	Analytical theory of wave propagation through stacked fishnet metamaterials. <i>Optics Express</i> , 2009 , 17, 11582-93	3.3	33

207	Association of periodontitis with preterm birth and low birth weight: a comprehensive review. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018 , 31, 597-602	2	32
206	Characterization of complex plasmonic modes in two-dimensional periodic arrays of metal nanospheres. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2011 , 28, 1446	1.7	32
205	Enhanced Modelling of Split-Ring Resonators Couplings in Printed Circuits. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2014 , 62, 1605-1615	4.1	31
204	Quasi-Analytical Modeling of Transmission/Reflection in Strip/Slit Gratings Loaded With Dielectric Slabs. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2012 , 60, 405-418	4.1	31
203	Periodic arrangements of chiral scatterers providing negative refractive index bi-isotropic media. <i>Physical Review B</i> , 2008 , 77,	3.3	31
202	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1995 , 43, 233-235	4.1	29
201	Experimental verification of extraordinary transmission without surface plasmons. <i>Applied Physics Letters</i> , 2009 , 95, 071102	3.4	28
200	Optimal microvessel density from composite graft of autogenous maxillary cortical bone and anorganic bovine bone in sinus augmentation: influence of clinical variables. <i>Clinical Oral Implants Research</i> , 2010 , 21, 221-7	4.8	27
199	Closed-Form Uniform Asymptotic Expansions of Green's Functions in Layered Media. <i>IEEE Transactions on Antennas and Propagation</i> , 2010 , 58, 2934-2945	4.9	25
198	On the Computation of the Dispersion Diagram of Symmetric One-Dimensionally Periodic Structures. <i>Symmetry</i> , 2018 , 10, 307	2.7	24
197	Transmission through stacked 2D periodic distributions of square conducting patches. <i>Journal of Applied Physics</i> , 2012 , 112, 033101	2.5	24
196	Analytical theory of extraordinary transmission through metallic diffraction screens perforated by small holes. <i>Optics Express</i> , 2009 , 17, 5571-9	3.3	24
195	Evolution of leaky modes on printed-circuit lines. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2002 , 50, 94-104	4.1	24
194	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1993 , 41, 1409-1418	4.1	24
193	Simplified Modal Expansion to Analyze Frequency-Selective Surfaces: An Equivalent Circuit Approach. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 1106-1111	4.9	23
192	Compact Balanced FSIR Bandpass Filter Modified for Enhancing Common-Mode Suppression. <i>IEEE Microwave and Wireless Components Letters</i> , 2015 , 25, 154-156	2.6	23
191	. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 4637-4649	4.9	23
190	Negative refraction from balanced quasi-planar chiral inclusions. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 2606-2609	1.2	23

189	Systematic and efficient root finder for computing the modal spectrum of planar layered waveguides. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2004 , 14, 73-83	1.5	23
188	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1992 , 40, 1630-1641	4.1	23
187	Unlocking Complexity Using the ECA: The Equivalent Circuit Model as An Efficient and Physically Insightful Tool for Microwave Engineering. <i>IEEE Microwave Magazine</i> , 2018 , 19, 44-65	1.2	21
186	Circuit-Model Analysis of Frequency Selective Surfaces With Scatterers of Arbitrary Geometry. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 135-138	3.8	20
185	Morphological evidences of Bio-Oss \square colonization by CD44-positive cells. <i>Clinical Oral Implants Research</i> , 2014 , 25, 366-371	4.8	20
184	High-frequency leaky-mode excitation on a microstrip line. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2001 , 49, 2206-2215	4.1	20
183	Dynamical Equivalent Circuit for 1-D Periodic Compound Gratings. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2016 , 64, 1195-1208	4.1	19
182	Analysis of periodic shielded microstrip lines excited by nonperiodic sources through the array scanning method. <i>Radio Science</i> , 2008 , 43, n/a-n/a	1.4	19
181	Appropriate formulation of the Characteristic equation for open nonreciprocal Layered waveguides with different upper and lower half-spaces. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2005 , 53, 1613-1623	4.1	19
180	The influence of a top cover on the leakage from microstrip line. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2000 , 48, 2240-2248	4.1	19
179	Preterm birth and/or low birth weight are associated with periodontal disease and the increased placental immunohistochemical expression of inflammatory markers. <i>Histology and Histopathology</i> , 2016 , 31, 231-7	1.4	19
178	Multimode Propagation and Complex Waves in CSRR-Based Transmission-Line Metamaterials. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012 , 11, 1024-1027	3.8	18
177	Circuit model for a periodic array of slits sandwiched between two dielectric slabs. <i>Applied Physics Letters</i> , 2010 , 96, 161104	3.4	18
176	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1995 , 43, 828-837	4.1	18
175	Accurate Circuit Modeling of Fishnet Structures for Negative-Index-Medium Applications. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2016 , 64, 15-26	4.1	17
174	Predictive factors for maxillary sinus augmentation outcomes: a case series analysis. <i>Implant Dentistry</i> , 2012 , 21, 433-40	2.4	17
173	Differential Lines for Common-Mode Suppression Based in Hybrid Microstrip/CPW Technology. <i>IEEE Microwave and Wireless Components Letters</i> , 2017 , 27, 13-15	2.6	16
172	Neutrophil Extracellular Traps in Periodontitis. <i>Cells</i> , 2020 , 9,	7.9	16

171	On the Increment of the Bandwidth of Mushroom-Type EBG Structures With Glide Symmetry. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 1365-1375	4.1	16
170	Tooth loss and alveolar bone crest loss during supportive periodontal therapy in patients with generalized aggressive periodontitis: retrospective study with follow-up of 8 to 15 years. <i>Journal of Clinical Periodontology</i> , 2016 , 43, 1109-1115	7.7	16
169	Complementary clinical effects of red complex bacteria on generalized periodontitis in a caucasian population. <i>Oral Diseases</i> , 2016 , 22, 430-7	3.5	16
168	Catecholamine metabolites in urine, as chronic stress biomarkers, are associated with higher risk of chronic periodontitis in adults. <i>Journal of Periodontology</i> , 2014 , 85, 1755-62	4.6	16
167	Are periodontal bacterial profiles and placental inflammatory infiltrate in pregnancy related to birth outcomes?. <i>Journal of Periodontology</i> , 2013 , 84, 1327-36	4.6	16
166	Analytical Circuit Model for 1-D Periodic T-Shaped Corrugated Surfaces. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 794-803	4.9	16
165	Gap Discontinuity in Microstrip Lines: An Accurate Semianalytical Formulation. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2011 , 59, 1441-1453	4.1	16
164	DESIGN OF BAND-PASS FILTERS USING STEPPED IMPEDANCE RESONATORS WITH FLOATING CONDUCTORS. <i>Progress in Electromagnetics Research</i> , 2010 , 105, 31-48	3.8	16
163	An Efficient Approach for the Computation of 2-D Green's Functions With 1-D and 2-D Periodicities in Homogeneous Media. <i>IEEE Transactions on Antennas and Propagation</i> , 2008 , 56, 3733-3742	4.9	16
162	The danger of high-frequency spurious effects on wide microstrip line. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2002 , 50, 2679-2689	4.1	16
161	Simulation-Assisted Efficient Computation of the Dispersion Diagram of Periodic Structures: A comprehensive overview with applications to filters, leaky-wave antennas and metasurfaces. <i>IEEE Antennas and Propagation Magazine</i> , 2020 , 0-0	1.7	16
160	Common-mode suppression for balanced bandpass filters in multilayer liquid crystal polymer technology. <i>IET Microwaves, Antennas and Propagation</i> , 2015 , 9, 1249-1253	1.6	15
159	Accelerated Macro Basis Functions Analysis of Finite Printed Antenna Arrays Through 2D and 3D Multipole Expansions. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 707-717	4.9	15
158	Periodontitis and mechanisms of cardiometabolic risk: Novel insights and future perspectives. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019 , 1865, 476-484	6.9	15
157	Cellular, Vascular, and Histomorphometric Outcomes of Solvent-Dehydrated vs Freeze-Dried Allogeneic Graft for Maxillary Sinus Augmentation: A Randomized Case Series. <i>International Journal of Oral and Maxillofacial Implants</i> , 2017 , 32, 121-127	2.8	14
156	Study of Extraordinary Transmission in a Circular Waveguide System. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2010 , 58, 1532-1542	4.1	14
155	Accurate Characterization and Design Guidelines of Glide-Symmetric Holey EBG. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 4984-4994	4.1	14
154	. <i>IEEE Journal of Microwaves</i> , 2021 , 1, 457-469		14

153	Efficient Leaky-Lens Antenna at 60 GHz Based on a Substrate-Integrated-Holey Metasurface. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 7777-7784	4.9	13
152	Wideband analytical equivalent circuit for one-dimensional periodic stacked arrays. <i>Physical Review E</i> , 2016 , 93, 013306	2.4	13
151	Annular Apertures in Metallic Screens as Extraordinary Transmission and Frequency Selective Surface Structures. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2017 , 65, 4933-4946	4.1	13
150	Excitation of a Periodic Microstrip Line by an Aperiodic Delta-Gap Source. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2009 , 8, 641-644	3.8	13
149	Spurious transmission effects due to the excitation of the bound mode and the continuous spectrum on stripline with an air gap. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1999 , 47, 2493-2502	4.1	13
148	Characterization and comparison of neutrophil extracellular traps in gingival samples of periodontitis and gingivitis: A pilot study. <i>Journal of Periodontal Research</i> , 2019 , 54, 218-224	4.3	13
147	Magnetoinductive Waves and Complex Modes in Two-Dimensional Periodic Arrays of Split Ring Resonators. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 3554-3563	4.9	12
146	Analysis of Multipactor Effect in a Partially Dielectric-Loaded Rectangular Waveguide. <i>IEEE Transactions on Plasma Science</i> , 2019 , 47, 259-265	1.3	12
145	Relationship Between Long-Term Marginal Bone Loss and Bone Quality, Implant Width, and Surface. <i>International Journal of Oral and Maxillofacial Implants</i> , 2016 , 31, 398-405	2.8	11
144	Effects of inter-resonator coupling in split ring resonator loaded metamaterial transmission lines. <i>Journal of Applied Physics</i> , 2014 , 115, 194903	2.5	11
143	Excitation of complex and backward mode on shielded lossless printed lines. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1999 , 47, 1098-1105	4.1	11
142	Association between COX-2 rs 6681231 genotype and interleukin-6 in periodontal connective tissue. A pilot study. <i>PLoS ONE</i> , 2014 , 9, e87023	3.7	11
141	Wave Propagation in Periodic Metallic Structures with Equilateral Triangular Holes. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 1600	2.6	10
140	Polymorphism IL-1RN rs419598 reduces the susceptibility to generalized periodontitis in a population of European descent. <i>PLoS ONE</i> , 2017 , 12, e0186366	3.7	10
139	Effect of preparation conditions on the properties of Cu ₃ BiS ₃ thin films grown by a two step process. <i>Journal of Physics: Conference Series</i> , 2009 , 167, 012019	0.3	10
138	2-D analysis of leakage in printed-circuit lines using discrete complex-images technique. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2002 , 50, 1895-1900	4.1	10
137	Crosstalk between two microstrip lines excited by a gap voltage source. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2004 , 52, 1770-1780	4.1	10
136	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1995 , 43, 1623-1626	4.1	10

135	Electrothermal MEMS parallel plate rotation for single-imager stereoscopic endoscopes. <i>Optics Express</i> , 2016 , 24, 9667-72	3.3	10
134	Chronic periodontitis is associated with erectile dysfunction. A case-control study in european population. <i>Journal of Clinical Periodontology</i> , 2018 , 45, 791-798	7.7	9
133	Cyclooxygenase-2 expression in gingival biopsies from periodontal patients is correlated with connective tissue loss. <i>Journal of Periodontology</i> , 2012 , 83, 1538-45	4.6	9
132	On the computation of the complete spectral Green's dyadic for layered bianisotropic structures. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1998 , 46, 1158-1164	4.1	9
131	Enhanced implementation of the complex images method to study bound and leaky regimes in layered planar printed lines. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2004 , 52, 709-720	4.1	9
130	Spurious radiation from a practical source on a covered microstrip line. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2001 , 49, 2216-2226	4.1	9
129	Immediate Implants Placed in Fresh Sockets Associated with Periapical Pathology: A Split-Mouth Design and Survival Evaluation after 1-Year Follow-Up. <i>Clinical Implant Dentistry and Related Research</i> , 2016 , 18, 1075-1083	3.9	9
128	Relationship between periodontal parameters and plasma cytokine profiles in pregnant woman with preterm birth or low birth weight. <i>Clinical Oral Investigations</i> , 2016 , 20, 669-74	4.2	8
127	Wideband analytical equivalent circuit for coupled asymmetrical nonaligned slit arrays. <i>Physical Review E</i> , 2017 , 95, 023303	2.4	8
126	Resonant Modes of a Waveguide Iris Discontinuity: Interpretation in Terms of Canonical Circuits. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2018 , 66, 2059-2069	4.1	8
125	Equivalent Circuit Approach for Practical Applications of Meander-Line Gratings. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 3088-3091	3.8	8
124	Osteoarticular Expression of Musashi-1 in an Experimental Model of Arthritis. <i>BioMed Research International</i> , 2015 , 2015, 681456	3	8
123	Computation of propagation characteristics of chiral layered waveguides. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1997 , 45, 519-526	4.1	8
122	Investigation of integration paths in the spectral-domain analysis of leaky modes on printed circuit lines. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2002 , 50, 2267-2275	4.1	8
121	Application of the spectral domain method for the study of surface slow waves in nonreciprocal planar structures with a multilayered gyroelectric substrate. <i>IEE Proceedings H: Microwaves, Antennas and Propagation</i> , 1993 , 140, 193		8
120	Planar Resonant Blazed Gratings From a Circuit Model Standpoint. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 2765-2778	4.9	7
119	Simvastatin exerts antiproliferative and differentiating effects on MG63 osteoblast-like cells: Morphological and immunocytochemical study. <i>Journal of Periodontal Research</i> , 2018 , 53, 91-97	4.3	7
118	Analytical circuit model for dipole frequency-selective surfaces 2013 ,		7

117	Application of Kummer's Transformation to the Efficient Computation of the 3-D Green's Function With 1-D Periodicity. <i>IEEE Transactions on Antennas and Propagation</i> , 2010 , 58, 95-106	4.9	7
116	Efficient Computation of the Off-Diagonal Elements of the Vector-Potential Multilayered Periodic Dyadic Green's Function. <i>IEEE Transactions on Antennas and Propagation</i> , 2011 , 59, 2557-2564	4.9	7
115	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1995 , 43, 866-872	4.1	7
114	Low frequency leaky regime in covered multilayered striplines. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1996 , 44, 1521-1525	4.1	7
113	Short-term effects of hyaluronic acid on the subgingival microbiome in peri-implantitis: A randomized controlled clinical trial. <i>Journal of Periodontology</i> , 2020 , 91, 734-745	4.6	7
112	Anisotropic glide-symmetric substrate-integrated-hole metasurface for a compressed ultrawideband Luneburg lens. <i>Applied Physics Letters</i> , 2021 , 118, 084102	3.4	7
111	Two cases of an atypical presentation of necrotizing stomatitis. <i>Journal of Periodontal and Implant Science</i> , 2015 , 45, 252-6	2	6
110	An ex vivo model in human femoral heads for histopathological study and resonance frequency analysis of dental implant primary stability. <i>BioMed Research International</i> , 2014 , 2014, 535929	3	6
109	High-Frequency Pulse Distortion on a Lossy Microstrip Line With a Top Cover. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2010 , 58, 1774-1785	4.1	6
108	Study of the dispersion characteristics of planar chiral lines. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1998 , 46, 1150-1157	4.1	6
107	Equivalent circuit model to explain extraordinary transmission 2008 ,		6
106	A novel approach for calculating the Characteristic impedance of printed-circuit lines. <i>IEEE Microwave and Wireless Components Letters</i> , 2005 , 15, 283-285	2.6	6
105	Near-field enhanced imaging by a magnetized ferrite slab. <i>Applied Physics Letters</i> , 2005 , 86, 023505	3.4	6
104	Generalized quasi-TEM approximation and telegrapher equations for nonreciprocal ferrite-loaded transmission lines 2000 , 10, 225-227		6
103	Correction to "Generalized quasi-tem approximation and telegrapher equations for nonreciprocal ferrite-loaded transmission lines". <i>IEEE Microwave and Wireless Components Letters</i> , 2001 , 11, 467-467	2.6	6
102	Quasi-tem and full-wave approaches for coplanar multistrip lines including gyromagnetic media longitudinally magnetized. <i>Microwave and Optical Technology Letters</i> , 1991 , 4, 531-534	1.2	6
101	Exploring the Potential of the Multi-Modal Equivalent Circuit Approach for Stacks of 2-D Aperture Arrays. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	6
100	Accurate circuit model for a planar resonant blazed grating 2017 ,		5

99	Spectral Domain Analysis of Higher Order Leaky Modes in Microstrip Lines: a New Spectral-Gap Effect. <i>Journal of Electromagnetic Waves and Applications</i> , 1997 , 11, 1367-1384	1.3	5
98	On the use of SDA for the analysis of boxed planar lines with complex media. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2001 , 49, 1365-1368	4.1	5
97	Power based considerations on the spectral domain analysis of leaky waves in covered strip-like transmission lines. <i>IET Microwaves Antennas and Propagation</i> , 1996 , 143, 25		5
96	Hyaluronic acid reduces inflammation and crevicular fluid IL-1 β concentrations in peri-implantitis: a randomized controlled clinical trial. <i>Journal of Periodontal and Implant Science</i> , 2021 , 51, 63-74	2	5
95	Crosstalk in Coupled Microstrip Lines With a Top Cover. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2014 , 56, 375-384	2	4
94	Design of a dual band-pass filter using modified folded stepped-impedance resonators 2009 ,		4
93	Treatment of singularities and quasi-static terms in the EFIE analysis of planar structures. <i>IEEE Transactions on Antennas and Propagation</i> , 2002 , 50, 485-491	4.9	4
92	Spectral domain analysis of conductor losses in a multiconductor system via the incremental inductance rule. <i>Electronics Letters</i> , 1994 , 30, 1425-1427	1.1	4
91	Passband broadening of sub-wavelength resonator-based glide-symmetric SIW filters. <i>AEU - International Journal of Electronics and Communications</i> , 2020 , 125, 153362	2.8	4
90	Making metals transparent: a circuit model approach. <i>Optics Express</i> , 2016 , 24, 10265-74	3.3	4
89	. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 5107-5113	4.9	3
88	Tobacco consumption induces alveolar crest height loss independently of mandibular bone mass and bone density. <i>Clinical Oral Implants Research</i> , 2014 , 25, 1034-40	4.8	3
87	Analytical circuit model for stacked slit gratings 2014 ,		3
86	Split rings-based differential transmission lines with common-mode suppression 2011 ,		3
85	Efficient Determination of the Poles and Residues of Spectral Domain Multilayered Green's Functions That are Relevant in Far-Field Calculations. <i>IEEE Transactions on Antennas and Propagation</i> , 2010 , 58, 218-222	4.9	3
84	Numerical and experimental study of the voltage excited along a slotline by a current source. <i>Radio Science</i> , 2010 , 45, n/a-n/a	1.4	3
83	On the Physical Meaning of the Spectral Decomposition. <i>IEEE Microwave and Wireless Components Letters</i> , 2009 , 19, 488-490	2.6	3
82	Time-Domain Pulse Propagation on a Microstrip Transmission Line Excited by a Gap Voltage Source 2006 ,		3

81	Fast Numerical Analysis of a 1D Array of Microstrip Patches 2007 ,		3
80	Theory of magnetoelectric multiconductor transmission lines with application to chiral and gyrotropic lines. <i>Microwave and Optical Technology Letters</i> , 2003 , 38, 3-9	1.2	3
79	Marquß et al. Reply:. <i>Physical Review Letters</i> , 2003 , 91,	7.4	3
78	High frequency leaky-mode excitation on microstrip line		3
77	Dispersion Analysis of Periodically Loaded Transmission Lines with Twist Symmetry Using the Mode-Matching Technique. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 5990	2.6	3
76	Composite Alloplastic Biomaterial vs. Autologous Platelet-Rich Fibrin in Ridge Preservation. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	3
75	Cross-Polarization Control in FSSs by Means of an Equivalent Circuit Approach. <i>IEEE Access</i> , 2021 , 9, 995135-99525	13.5	3
74	Leaky-wave antenna in planar technology with high directivity in the transverse plane 2017 ,		2
73	Excitation of the Zenneck Wave by a Tapered Line Source Above the Earth or Ocean. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 4848-4859	4.9	2
72	Efficacy of regenerative therapy in aggressive periodontitis: a systematic review and meta-analysis of randomised controlled clinical trials. <i>Clinical Oral Investigations</i> , 2020 , 24, 1369-1378	4.2	2
71	A new differential line based on a periodic microstrip-CPW hybrid structure 2017 ,		2
70	Tunable second-order bandpass filter based on dual ENZ waveguide 2015 ,		2
69	Surface-impedance quasi-transverse electromagnetic approach for the efficient calculation of conductor losses in multilayer single and coupled microstrip lines. <i>IET Microwaves, Antennas and Propagation</i> , 2012 , 6, 519	1.6	2
68	Alveolar bone level is not associated with vitamin D receptor gene polymorphism and bone density in mandible. <i>Clinical Oral Investigations</i> , 2012 , 16, 371-7	4.2	2
67	Dual capacitive-inductive nature of graphene metasurface: Transmission characteristics at low-terahertz frequencies 2013 ,		2
66	Complex modes in periodic transmission lines based on split rings 2013 ,		2
65	Multifocal oral melanoacanthoma and melanotic macula in a patient after dental implant surgery. <i>Journal of the American Dental Association</i> , 2011 , 142, 817-24	1.9	2
64	Electrical and optical properties of thin films with a SnS ₂ /Bi ₂ S ₃ alloy grown by sulphurization. <i>Journal of Physics: Conference Series</i> , 2009 , 167, 012018	0.3	2

63	Power characteristics of complex modes in both reciprocal and nonreciprocal boxed microstrip lines. <i>Microwave and Optical Technology Letters</i> , 1998 , 18, 389-394	1.2	2
62	Extraordinary transmission through slits from a microwave engineering perspective 2008 ,		2
61	Effects of Losses on the Current Spectrum of a Printed-Circuit Line. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2007 , 55, 1511-1519	4.1	2
60	Direct modal transition from space wave to surface wave leakage on microstrip lines. <i>Radio Science</i> , 2005 , 40, n/a-n/a	1.4	2
59	A High-Frequency Circuit Model for the Gap Excitation of a Microstrip Line. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2006 , 54, 4100-4110	4.1	2
58	Numerical computation of the space-domain mixed potential Green's functions for planar layered structures with arbitrarily magnetized ferrites. <i>IEEE Transactions on Antennas and Propagation</i> , 2004 , 52, 3019-3025	4.9	2
57	High frequency crosstalk between two microstrip lines		2
56	LOW-FREQUENCY EXCITATION OF LEAKY MODES IN A MICROSTRIP LINE WITH A TOP COVER. <i>Progress in Electromagnetics Research</i> , 2011 , 114, 235-254	3.8	2
55	Efficient Simulation of Large Irregular Arrays on a Finite Ground Plane. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 2753-2764	4.9	2
54	Propagation Characteristics in Substrate Integrated Holey Metasurfaces 2020 ,		2
53	Calculation of the electrostatic field in a dielectric-loaded waveguide due to an arbitrary charge distribution on the dielectric layer 2016 ,		2
52	Efficient Hybrid Full-Wave/Circuitual Approach for Stacks of Frequency Selective Surfaces. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 1925-1929	3.8	2
51	Fully Metallic Dual-Band Linear-to-Circular Polarizer for K/Ka-band. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	2
50	Managing the Systemic Impact of Periodontitis. <i>Medicina (Lithuania)</i> , 2022 , 58, 621	3.1	2
49	Excitation of the Zenneck Wave by a Tapered Line Source 2019 ,		1
48	Excitation of Discrete and Continuous Spectrum in Subdiffraction Wire-Medium Type Lenses. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 5208-5219	4.9	1
47	Periodontitis, blood lipids and lipoproteins. <i>Clinical Lipidology</i> , 2014 , 9, 261-276		1
46	Effects of the bottom ground plate on coplanar waveguide structures. <i>IET Microwaves, Antennas and Propagation</i> , 2013 , 7, 708-713	1.6	1

45	Wideband equivalent circuit for non-aligned 1-D periodic metal strips coupled gratings 2015 ,		1
44	Tuning ZOR in ENZ waveguide using a single longitudinal slot and equivalent circuit parameter extraction 2014 ,		1
43	Magnetoinductive waves in 2D periodic arrays of split ring resonators 2012 ,		1
42	Crosstalk and low frequency radiation in a coupled microstrip line with a top cover 2012 ,		1
41	Circuit model for metallic gratings with tapered and stepped slits 2012 ,		1
40	Oral Pathogens, Immunity, and Periodontal Diseases. <i>Current Immunology Reviews</i> , 2011 , 7, 83-91	1.3	1
39	High-frequency scattering by a narrow gap on a microstrip line 2010 ,		1
38	Microstrip circuit analog of a complex diffraction phenomenon. <i>Applied Physics Letters</i> , 2009 , 95, 021108 _{3,4}		1
37	Slotline operating within a wide frequency band: Excitation of waves by a real source 2009 ,		1
36	Fully analytical circuit-like approach for the TE scattering by narrow-slit printed gratings 2012 ,		1
35	Excitation of an Infinite Microstrip Line With a Vertical Coaxial Feed. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2008 , 56, 1638-1648	4.1	1
34	Investigation of fields and currents for broadband over power line (BPL) communications 2008 ,		1
33	New closed form expressions for layered media green's functions 2008 ,		1
32	Effects of Dielectric and Conductor Losses on the Current Spectrum Excited by a Gap Voltage Source on a Printed-Circuit Line 2006 ,		1
31	On the consideration of FOPTD and SOPTD responses ab bounds of PI tuning		1
30	Fundamental properties of radiation from a leaky mode excited on a planar transmission line. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2003 , 51, 2366-2377	4.1	1
29	Excitation of leaky modes on multilayer stripline		1
28	Quasi-TEM analysis of reciprocal/nonreciprocal planar lines with polygonal cross-section conductors. <i>The International Executive</i> , 1994 , 4, 363-373		1

27	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1995 , 43, 242-243	4.1	1
26	Efficient Bloch Analysis of General Periodic Structures with a Linearized Multimodal Transfer-Matrix Approach. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	1
25	. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	1
24	Glide Symmetry Applied to Printed Common-Mode Rejection Filters. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2021 , 1-1	4.1	1
23	Dispersion Analysis of Twist-Symmetric Dielectric Waveguides. <i>Photonics</i> , 2021 , 8, 206	2.2	1
22	Analytical modeling of non-symmetric and non-uniform compound gratings 2016 ,		1
21	Glide Symmetry to Improve the Bandgap Operation of Periodic Microstrip Defected Ground Structures 2021 ,		1
20	Structural and functional microbial patterns in cohabitating family members with history of periodontitis. <i>Oral Diseases</i> , 2021 ,	3.5	1
19	Circuit-model approach for polarizing surfaces based on stacked meander-line gratings 2018 ,		1
18	A New Comorbidity in Periodontitis: and Colorectal Cancer.. <i>Medicina (Lithuania)</i> , 2022 , 58,	3.1	1
17	Efficient evaluation of reaction integrals in the EFIE analysis of planar layered structures with uniaxial anisotropy. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2002 , 50, 2142-2146	4.1	0
16	Effects of Essential Oils and Selected Compounds from Lamiaceae Family as Adjutants on the Treatment of Subjects with Periodontitis and Cardiovascular Risk. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 9563	2.6	0
15	Systematic Obtaining of Foster Equivalent Circuits for Symmetric Frequency Selective Surfaces. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	0
14	Physically-insightful equivalent circuit models for electromagnetic periodic structures. <i>Journal of Physics: Conference Series</i> , 2018 , 963, 012010	0.3	0
13	Accidentally Swallowing a Toothbrush in a Patient during a Vomiting Attempt: Literature Review and Case Report.. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19,	4.6	0
12	Comprehensive Study of the Spurious Effects on the Signal Guidance in Coplanar Waveguides. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2013 , 55, 707-716	2	
11	Circuit and Analytical Modelling of Extraordinary Transmission Metamaterials. <i>World Scientific Series in Nanoscience and Nanotechnology</i> , 2017 , 139-198	0.1	
10	Bandpass and bandstop filters based on open stubs with ground plane slots. <i>Microwave and Optical Technology Letters</i> , 2012 , 54, 1242-1246	1.2	

- | | | |
|---|--|-----|
| 9 | Parallel coupled CPW filters for spurious band suppression. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 1094-1097 | 1.2 |
| 8 | Closed-form evaluation of low-frequency leakage losses in layered striplines. <i>Electronics Letters</i> , 1997 , 33, 1323 | 1.1 |
| 7 | Modal spectrum of planar dielectric waveguides with quasi-periodic side walls. <i>Journal of Lightwave Technology</i> , 2006 , 24, 464-469 | 4 |
| 6 | Analysis of the propagation of leaky magnetostatic modes in normally magnetized microstrip and slot lines. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2002 , 50, 1935-1941 | 4.1 |
| 5 | Applying the method of lines and discrete mode-matching method to non-planar structures. <i>Microwave and Optical Technology Letters</i> , 2003 , 37, 79-83 | 1.2 |
| 4 | 2D spectral-domain analysis of open laterally-shielded microstrip lines. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2005 , 15, 86-91 | 1.5 |
| 3 | Study of Excitation of Nonreciprocal Complex and Backward Modes in Shielded Ferrite-Loaded Printed Lines. <i>Journal of Electromagnetic Waves and Applications</i> , 1998 , 12, 1319-1334 | 1.3 |
| 2 | Nonreciprocal propagation characteristics of transversely magnetised metal-insulator-semiconductor coplanar waveguides. <i>Electronics Letters</i> , 1992 , 28, 1246 | 1.1 |
| 1 | An Appraisal of Numerical Approaches for a VED over the Earth or Ocean. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1 | 4.9 |