

Gabriela L Atanasova

List of Publications by Year in descending order

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28
papers

359
citations

1163065

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839512

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28
all docs

28
docs citations

28
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	A Flexible Multiband Antenna for Biomedical Telemetry. IETE Journal of Research, 2023, 69, 189-202.	2.6	4
2	Miniaturized Wearable Antennas with Improved Radiation Efficiency Using Magneto-dielectric Composites. IETE Journal of Research, 2022, 68, 1157-1167.	2.6	10
3	Rubber composites based on renewable resources and their potential for application in flexible wearable antennas. Iranian Polymer Journal (English Edition), 2022, 31, 1117-1127.	2.4	1
4	Wearable Antennas for Sensor Networks and IoT Applications: Evaluation of SAR and Biological Effects. Sensors, 2022, 22, 5139.	3.8	8
5	Natural rubber composites containing low and high dielectric constant fillers and their application as substrates for compact flexible antennas. Polymers and Polymer Composites, 2021, 29, 233-245.	1.9	6
6	Flexible polymer/fabric fractal monopole antenna for wideband applications. IET Microwaves, Antennas and Propagation, 2021, 15, 80-92.	1.4	6
7	Design of a flexible waterproof antenna for Internet of Things applications. Journal of Electromagnetic Waves and Applications, 2021, 35, 874-887.	1.6	4
8	Structure and composition characterization of biocomposites filled with sol-gel bioglasses from the CaO-SiO ₂ -P ₂ O ₅ -Ag ₂ O systems. Journal of Rubber Research (Kuala Lumpur, Malaysia), 2021, 24, 77-92.	1.1	0
9	Assessment of Energy Absorption and Hemolysis of RBCs Due to a Wearable Antenna. , 2021, , .		0
10	Natural rubber-based composites filled with bioglasses from a CaO-SiO ₂ -P ₂ O ₅ -Ag ₂ O system. Effect of Ag ₂ O concentration in the filler on composite properties. Polymers for Advanced Technologies, 2020, 31, 574-588.	3.2	3
11	Impact of Electromagnetic Properties of Textile Materials on Performance of a Low-Profile Wearable Antenna Backed by a Reflector. , 2020, , .		9
12	Natural rubber composites containing fillers of sol-gel glasses and glass-ceramics in the CaO-SiO ₂ -P ₂ O ₅ system. Iranian Polymer Journal (English Edition), 2020, 29, 799-810.	2.4	0
13	A flexible broadband antenna for IoT applications. International Journal of Microwave and Wireless Technologies, 2020, 12, 531-540.	1.9	19
14	Small Antennas for Wearable Sensor Networks: Impact of the Electromagnetic Properties of the Textiles on Antenna Performance. Sensors, 2020, 20, 5157.	3.8	31
15	Rubber-ceramic composites applicable in flexible antennas. Journal of Polymer Engineering, 2020, 40, 666-675.	1.4	1
16	A Wearable, Low-Profile, Fractal Monopole Antenna Integrated with a Reflector for Enhancing Antenna Performance and SAR Reduction. , 2019, , .		12
17	Electrical, mechanical and dynamic properties of ternary composites from acrylonitrile butadiene rubber and conductive fillers. Bulletin of Materials Science, 2019, 42, 1.	1.7	1
18	Design and performance analysis of dual-band wearable compact low-profile antenna for body-centric wireless communications. International Journal of Microwave and Wireless Technologies, 2018, 10, 1175-1185.	1.9	24

#	ARTICLE	IF	CITATIONS
19	Flexible and small wearable antenna for wireless body area network applications. Journal of Electromagnetic Waves and Applications, 2017, 31, 1063-1082.	1.6	36
20	Enhancing antenna performance and SAR reduction by a conductive composite loaded with carbon-silica hybrid filler. AEU - International Journal of Electronics and Communications, 2017, 72, 184-191.	2.9	19
21	Analysis of the electrical and magnetic properties of elastomeric composites and their applicability in small flexible wearable antennas. Materials Research Express, 2017, 4, 076304.	1.6	4
22	On-body investigation of a compact planar antenna on multilayer polymer composite for body-centric wireless communications. AEU - International Journal of Electronics and Communications, 2017, 82, 20-29.	2.9	38
23	A FLEXIBLE PLANAR ANTENNA ON MULTILAYER RUBBER COMPOSITE FOR WEARABLE DEVICES. Progress in Electromagnetics Research C, 2017, 75, 31-42.	0.9	10
24	Microwave properties of natural rubber based composites comprising conductive carbon black/silica hybrid fillers. Journal of Polymer Research, 2016, 23, 1.	2.4	7
25	Conductive carbon black/magnetite hybrid fillers in microwave absorbing composites based on natural rubber. Composites Part B: Engineering, 2016, 96, 231-241.	12.0	80
26	Tuning, coupling and matching of a resonant cavity in microwave exposure system for biological objects. Electromagnetic Biology and Medicine, 2013, 32, 218-225.	1.4	8
27	An investigation impact of user's positions in closed space over SAR in the head induced from mobile phone. The Environmentalist, 2011, 31, 181-186.	0.7	6
28	Wearable Textile Antennas with High Body-Antenna Isolation: Design, Fabrication, and Characterization Aspects. , 0, , .		12