

AMOR ALI SMIDA

Date of birth: 18.10.1978
Nationality: Tunisian
Marital status: Married
Religion: Moslem
Address: B.P 297 GAFSA 2100 TUNISIA



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Email a.smida@mu.edu.sa

ACADEMIC QUALIFICATION

February 2014

PhD Thesis in Electronic

Faculty of Mathematical, Physical and Natural Sciences
Elmanar University - Tunisia www.fst.rnu.tn

Research area:

Synthesis and implementation of the Taguchi method: Application in smart antennas

June 2010

Master of Science in Analyze and Digital Processing of the Electronic Systems

Faculty of Mathematical, Physical and Natural Sciences
Elmanar University - Tunisia www.fst.rnu.tn

Research area:

Contribution to the optimization of the synthesis of smart antennas by Taguchi Method

June 2008

Bachelor's degree in Electronic

Faculty of Sciences of monastir
Monastir University - Tunisia www.fsm.rnu.tn

Final Project Area:

Study Design and Realization of a variable speed DC motor

February 2004

Certified Electronic Technician

High Institute of Technological Studies - Gafsa
Gafsa University - Tunisia www.isetgf.rnu.tn

Jun 2001

Technical Baccalaureate

Ministry of Education, Gafsa - Tunisia
www.edunet.tn

WORK EXPERIENCE

Since Sept. 2014

Assistant Professor

Department of Medical Equipment Technology
College of Applied Medical Sciences Majmaah University – KSA

From September 2013 to September 2014

Assistant Professor

Department of Computer Sciences and
Communication
Higher Institute of Applied Sciences and Technology of Gafsa

From September 2010 to September 2013

Teaching Assistant

Department of Computer Sciences and
Communication
Higher Institute of Applied Sciences and Technology of Gafsa

INDUSTRIAL TRAINING

January 2002 – February. 2002

Trainee student

Tunisian Chemical Group
Training Subjects:

- Electric and Electronic maintenance

January 2003 – February. 2003

Trainee student

High Institute of Technological Studies - GF - Tunisia
Training Subjects:

- Electrical lighting installations
- Rewinding of electrical machines

December 2012 – March. 2013

Training doctoral research:

Laboratory LRTS, Laval University (Canada),

Training Subjects:

- Smart Antenna Arrays Technic
- Phased antenna array design
- optimization problems by Taguchi method

TAUGHT SUBJECTS

- Educational technology
- Electrical Measurements
- Electrical circuits
- Electrical Skills
- Electronics
- Micro Electronics
- Biomedical Equipment Technology
- Biomedical Sensors
- Microwave antenna

LANGUAGES

Language	Writing	Reading	Conversation
English	Good	Good	Good
French	Good	Good	Good
Arabic	Good	Good	Good

SCIENTIFIC & TECHNICAL SKILLS

- Electronic Devices Maintenance
- Microelectronic Devices
- Programming and Troubleshooting PC
- Computer aided Design
- Electric Circuits Design and Manufacture
- Educational Laboratory Design, Installation, Operation

COMPUTERS SKILLS

Software/Programs	Level
MS Windows	Excellent
MS Word	Excellent
MS Excel	Excellent
MS Power Point	Excellent
MS Outlook	Excellent

MS Access	Good
Multisim and ISIS	Good
Mat Lab	Good
Lab View	Good
CST Microwave Studio	Good

PEDAGOGICAL LITERATURE ACCOMPLISHED

- Bookish of theoretical and practical lessons, in French language "**Electrical Circuits**" for the benefit of Electronic high graduated students, Higher Institute of Applied Sciences and Technology of Gafsa, 2010.
- Bookish of theoretical and practical lessons, in French language "**Electronics**" for the benefit of Electronic high graduated students, Higher Institute of Applied Sciences and Technology of Gafsa, 2011.
- Bookish of theoretical and practical lessons, in French language «**Test and diagnosis of circuits and systems** " for the benefit of Electronic high graduated students, High Institute of Technological Studies – Gafsa, 2012.

CONFERENCES and WORKSHOPS

I participated in the following Conferences and Workshops:

- 1) Ouerghi, K., Fadlallah, N., **Smida, A.**, Ghayoula, R., Fattahi, J., Boulejfen, N. "Circular antenna array design for breast cancer detection Sensors Networks Smart and Emerging Technologies", **SENSET 2017**, 2017-January, pp. 1-4.
- 2) Ouerghi, K., **Smida, A.**, Ghayoula, R., Boulejfen, N. "Design and analysis of a microstrip antenna array for biomedical applications" Proceedings - 3rd International Conference on Advanced Technologies for Signal and Image Processing, **ATSIP 2017**.
- 3) Ghayoula, E., Bouallegue, A., Fadlallah, N., Ghayoula, R., **Smida, A.** "Concentric ring array synthesis using Taguchi algorithm for MIMO applications" International Conference on Control, Automation and Diagnosis, **ICCAD 2017**, pp. 373-378.
- 4) Ghayoula, E., Bouallegue, A., Chouinard, J.-Y., Ghayoula, R., **Smida, A.** "Circular array synthesis using Taguchi algorithm for reliable IEEE 802.11 MIMO applications" 13th International Wireless Communications and Mobile Computing Conference, **IWCMC 2017**, pp. 849-854.
- 5) **Smida, A.**, Ghayoula, R., Gharsallah, A. "Beamforming multibeam antenna array using Taguchi optimization method" 2nd World Symposium on Web Applications and Networking, **WSWAN 2015**,
- 6) Mabrouki, M., **Smida, A.**, Ghayoula, R., Gharsallah, A. "A 4 bits Reflection type phase shifter based on Ga As FET" World Symposium on Computer Applications and Research, **WSCAR 2014**
- 7) **Smida, A.**, Azizi, M.K., Ghayoula, R., Gharsallah, A. "Synthesis of phase of conformal cylindrical arc antenna arrays referring to taguchi method" (2014) **International Conference on Multimedia Computing and Systems -Proceedings**, pp. 1333-1337.
- 8) **Smida, A.**, Ghayoula, R., Troudi, A., Trabelsi, H., Gharsallah, A. "Beam synthesis of phased circular antenna arrays using Taguchi

method" 9th International Conference on Communications, **COMM 2012** – Conference Proceedings, pp. 155-158.

- 9) **Smida, A.**, Ghayoula, R., Trabelsi, H., Gharsallah, A. "Adaptive radiation pattern optimization for antenna arrays by phase using a Taguchi Optimization method" (2011) **Mediterranean Microwave Symposium**, pp. 138-141.
- 10) Nemri, N., **Smida, A.**, Ghayoula, R., Trabelsi, H., Gharsallah, A. "Phase-only array beam control using a Taguchi optimization method" (2011) **Mediterranean Microwave Symposium**, pp. 97-100.
- 11) **Smida, A.**, Gargouri, L., Ghayoula, R., Trabelsi, H., Gharsallah, A. "Amplitude-only adaptive nulling based on Taguchi's method" International Multi-Conference on Systems, Signals and Devices, **SSD'11** – Summary Proceedings,
- 12) **PARTICIPATION SEM1 : Sujet : " EP- Compatibilité Electromagnétique"**, Du 02 Mai 2012 au 04 Mai 2012, SUPCOM, Tunis - Tunisie.

RESEARCH PUBLICATIONS

- 1) Surajo Muhammad, Jun Jiat Tiang, Sew Kin Wong, Ali H Rambe, Ismahayati Adam, **Amor Smida**, Mohamed Ibrahim Waly, Amjad Iqbal, Adamu Saidu Abubakar, Mohd Najib Mohd Yasin " Harvesting Systems for RF Energy: Trends, Challenges, Techniques, and Tradeoffs " (2022) **Electronics** 11 (6), pp. 959. DOI : 10.3390/electronics11060959
- 2) S Muhammad, JJ Tiang, SK Wong, **A Smida**, MI Waly, A Iqbal " Efficient quad-band RF energy harvesting rectifier for wireless power communications " (2021) **AEU-International Journal of Electronics and Communications** 139, pp. 153927. DOI : 10.1016/j.aeue.2021.153927
- 3) Amjad Iqbal, Mohamed I Waly, **Amor Smida**, Nazih K Mallat " Dielectric resonator antenna with reconfigurable polarization states " (2021) **IET Microwaves, Antennas & Propagation** 15 (7), pp. 683-690. DOI :10.1049/mia2.12063,
- 4) Iqbal, A., **Smida, A.**, Waly, M.I., Mallat, N.K. " Highly-tunable and wide stopband microstrip bandpass filters" (2021) **International Journal of RF and Microwave Computer-Aided Engineering**, 31 (5), art. no. e22610, . DOI: 10.1002/mmce.22610
- 5) Muhammad, S., Tiang, J.J., Wong, S.K., Iqbal, A., **Smida, A.**, Azizi, M.K. " A Compact Dual-Port Multi-Band Rectifier Circuit for RF Energy Harvesting" (2021) **Computers, Materials and Continua**, 68 (1), pp. 167-184. DOI: 10.32604/cmc.2021.016133
- 6) Selmi, M., **Smida, A.**, Kossi, S.E. " Effect of Polaron formation in conduction and dielectric behavior in La_{0.7}Sr_{0.25}K_{0.05}MnO₃ oxide " (2021) **Journal of Materials Science: Materials in Electronics**, 32, pp. 6014-6027. DOI: 10.1007/s10854-021-05321-x
- 7) Amer, O.S.O., Waly, M.I., Burhan, I.W., Al-Malki, E.S., **Smida, A.**, Al-Benasy, K.S. " Epidemiological trends of malaria in the Western regions of Saudi Arabia: A cross sectional study " (2020) **Journal of Infection in Developing Countries**, 14 (11), pp. 1332-1337. DOI: 10.3855/jidc.13246
- 8) **Smida, A.**, "Simulation and Analysis of Variable Antenna Designs for Effective Stroke Detection " (2020) **International Journal of Advanced Computer Science and Applications**, 11 (12), pp. 238-244. DOI: 10.14569/IJACSA.2020.0111230
- 9) **Smida, A.**, Iqbal, A., alazemi, a.J., Waly, M.I., Ghayoula, R., Kim, S. "Wideband Wearable antenna for Biomedical Telemetry applications" **IEEE Access**, (2020) 8, art. no. 8962083, pp. 15687-15694 DOI: 10.1109/ACCESS.2020.2967413
- 10) Iqbal, A., **Smida, A.**, Alazemi, A.J., Waly, M.I., Mallat, N.K., Kim, S. "Wideband circularly polarized MIMO antenna for high data wearable biotelemetric devices" **IEEE Access**, (2020) 8, art. no. 8962091, pp.17935-17944.DOI: 10.1109/ACCESS.2020.2967397
- 11) Amjad Iqbal ; Marwa Ammar Selmi ; Lway Faisal Abdulrazak ; Omar A. Saraereh ; Nazih Khaddaj Mallat ; **Amor Smida** " A Compact Substrate Integrated Waveguide Cavity-Backed Self-Triplexing Antenna" **IEEE Transactions on Circuits and Systems II: Express Briefs**,(2020) PP():1-1, DOI: 10.1109/TCSII.2020.2966527.
- 12) Iqbal, A., Basir, A., **Smida, A.**, Mallat, N.K., Elfergani, I., Rodriguez, J., Kim, S. "Electromagnetic bandgap backed millimeter-wave MIMO antenna for wearable applications" **IEEE Access**, (2019), pp. 111135-111144. doi: 10.1109/ACCESS.2019.2933913
- 13) Amjad Iqbal ; Arbab Waheed Ahmad ; **Amor Smida** ; Nazih Khaddaj Mallat "Tunable SIW Bandpass Filters with Improved Upper

Stopband Performance “ **IEEE Transactions on Circuits and Systems II: Express Briefs,(2019)** PP(99):1-1,doi: 10.1109/TCSII.2019.2936495.

- 14) Amjad Iqbal, Amal Bouazizi, **Amor Smida**, Abdul Basir, Umair Naeem, “ Low-profile dual-band antenna with on-demand beam switching capabilities”, **IET Microwaves, Antennas & Propagation (2019)**, pp. 15-20. DOI: 10.1049/iet-map.2019.0401
- 15) Iqbal, A., **Smida, A.**, Abdulrazak, L.F., Saraereh, O.A., Mallat, N.K., Elfergani, I., Kim, S. “Low-profile frequency reconfigurable antenna for heterogeneous wireless systems” (**Electronics (2019)**), 8. 976, doi: 10.3390/electronics8090976 .
- 16) Iqbal, A.; **Smida, A.**; Mallat, N.K.; Ghayoula, R.; Elfergani, I.; Rodriguez, J.; Kim, S. “Frequency and Pattern Reconfigurable Antenna for Emerging Wireless Communication Systems “. **Electronics (2019)**, 8, 407. doi: 10.3390/electronics8040407
- 17) Iqbal, A.; **Smida, A.**; Mallat, N.K.; Islam, M.T.; Kim, S. A “Compact UWB Antenna with Independently Controllable Notch Bands “. **Sensors (2019)**, 19, 1411. doi: 10.3390/s19061411
- 18) Iqbal, A.; **Smida, A.**; Saraereh, O.A.; Alsafasfeh, Q.H.; Mallat, N.K.; Lee, B.M. “Cylindrical Dielectric Resonator Antenna-Based Sensors for Liquid Chemical Detection “. **Sensors (2019)**, 19, 1200. doi: 10.3390/s19051200
- 19) M. Sheikholeslami; Alireza Zareeic; M. Jafaryar; Ahmad Shafee; Zhixiong Li **Amor Smida**; I.Tilij; “Heat transfer simulation during charging of nanoparticle enhanced PCM within a channel” (**2019 Physica A: Statistical Mechanics and its Applications**, 525, (1), pp 557-565
- 20) Ghayoula, R., **Smida, A.**, Gharsallah, A., Grenier, D. “Hybrid MUSIC Dolph-Chebyshev algorithm for a smart antenna system” (**2014 International Journal of Communication Systems**, 27 (12), pp. 3706-3719.
- 21) **Smida, A.**, Ghayoula, R., Nemri, N., Trabelsi, H., Gharsallah, A., Grenier, D. “Phased arrays in communication system based on Taguchi-neural networks” (**2014 International Journal of Communication Systems**, 27 (12), pp. 4449-4466.
- 22) Ghayoula, R., **Smida, A.**, Gharsallah, A., Grenier, D. “Smart base station antenna performance for cellular radio system” (**2013 Journal of Engineering Science and Technology Review**, 6 (5), pp. 38-47.
- 23) **Smida, A.**, Ghayoula, R., Ferchichi, A., Gharsallah, A., Grenier, D. “Planar antenna array pattern synthesis using a Taguchi optimization method” (**2013 International Journal on Communications Antenna and Propagation**, 3 (3), pp. 158-162.
- 24) **Smida, A.**, Ghayoula, R., Gharsallah, A. “Phase-only adaptive nulling with taguchi’s method for antenna array synthesis” (**2012 American Journal of Applied Sciences**, 9 (11), pp. 1833-1839. Cited 4 times.
- 25) **Smida, R.** Ghayoula, A. Troudi, H. Trabelsi, A. Gharsallah , “Beam Synthesis of Phased Circular Antenna Arrays Using Taguchi Method”, **Military Technical Academy Publishing** Vol. XXII, No. 3, ISSN 1843- 3391, pp. 133-142, **September 2012**.

FRAMING & APPLIED RESEARCH

I framed many final projects for students in the Computer Sciences and Communication Department of Higher Institute of Applied Sciences and Technology of Gafsa to get the License certificate in technological studies

Subjects

1. Design and implementation of a dual-frequency antenna for biomedical applications
2. Design of a temperature recorder, humidity and number of tower a stepper motor
3. Design and implementation of an antenna for RFID applications

4. Design and implementation of a prototype for `identify failures of public lighting.

REFERENCES

1. **Prof. Dominic Grenier**, LRTS, Department of Electrical and Computer Engineering, Laval University, Quebec, Qc, G1K 7P4, Canada, Phone: 656-2131, ext. 2806, E-mail dominic.grenier@gel.ulaval.ca, **web page:** www.gel.ulaval.ca/~dgrenier
2. **Prof. Ali Gharsallah**, Faculty of Mathematical, Physical and Natural Sciences Tunis, Tunisia, Tél : (+216) 216 22 560 690 E-mail : ali.gharsallah@fst.rnu.tn



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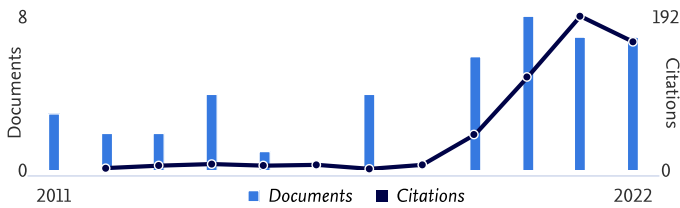
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Most contributed Topics 2017–2021

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5 documents

Breast Neoplasms; Phantoms; Microstrip Antennas

3 documents

Antenna; Rectennas; Rectifiers

3 documents

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Article


Modeling of heat transfer distribution in tumor breast cancer during

Selmi, M., Iqbal, A., Smida, A., Waly, M.I., Belmabrouk, H.
Microwave and Optical Technology Letters, 2022, 64(8), pp. 1364–1375
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Article • *Open access*

A Feasible Method to Control Left Ventricular Assist Devices for Heart Failure Patients: A Numerical Study


0
Citations

Bakouri, M., Alassaf, A., Alshareef, K., ...Aboamer, M.A., Alharbi, Y.
Mathematics, 2022, 10(13), 2251
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Article

Broadband RCN-based RF-rectifier with a large range of power for harvesting ambient wireless energy


0
Citations

Muhammad, S., Tiang, J.J., Wong, S.K., ...Waly, M.I., Iqbal, A.
AEU - International Journal of Electronics and Communications, 2022, 152, 154228
Show abstract  Related documents

Article • *Open access*

Harvesting Systems for RF Energy: Trends, Challenges, Techniques, and Tradeoffs


1
Citations

Muhammad, S., Tiang, J.J., Wong, S.K., ...Abubakar, A.S., Yasin, M.N.M.
Electronics (Switzerland), 2022, 11(6), 959
Show abstract  Related documents

Conference Paper

FPGA Implementation of SIMON-128 Cryptographic Algorithm Using Artix-7


0
Citations

Ghayoula, R., Fattahi, J., Smida, A., ...Pricop, E., Ziadia, M.
2022 14th International Conference on Electronics, Computers and Artificial Intelligence, ECAI 2022, 2022
Show abstract  Related documents

Article • *Open access*

Design of Wideband Circular-Slot Antenna for Harvesting RF Energy


0
Citations

Muhammad, S., Smida, A., Waly, M.I., ...Reza Khan, S., Alibakhshikenari, M.
International Journal of Antennas and Propagation, 2022, 2022, 5964753
Show abstract  Related documents

Article • *Open access*

Gain enhancement of dielectric resonator antenna using electromagnetic bandgap structure


1
Citations

Smida, A.
Computers, Materials and Continua, 2022, 71(1), pp. 1613–1623
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Article

Efficient quad-band RF energy harvesting rectifier for wireless power communications

3
Citations

Muhammad, S., Tiang, J.J., Wong, S.K., ...Waly, M.I., Iqbal, A.
AEU - International Journal of Electronics and Communications, 2021, 139, 153927
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Article

Highly-tunable and wide stopband microstrip bandpass filters

5
Citations

Iqbal, A., Smida, A., Waly, M.I., Mallat, N.K.
International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31(5), e22610
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Compact Dual-Band Port Multi-Band Rectifier Circuit for RF Energy Harvesting

3

Citations

Muhammad, S., Tiang, J.J., Wong, S.K., ...Smida, A., Azizi, M.K.

Computers, Materials and Continua, 2021, 68(1), pp. 167–184

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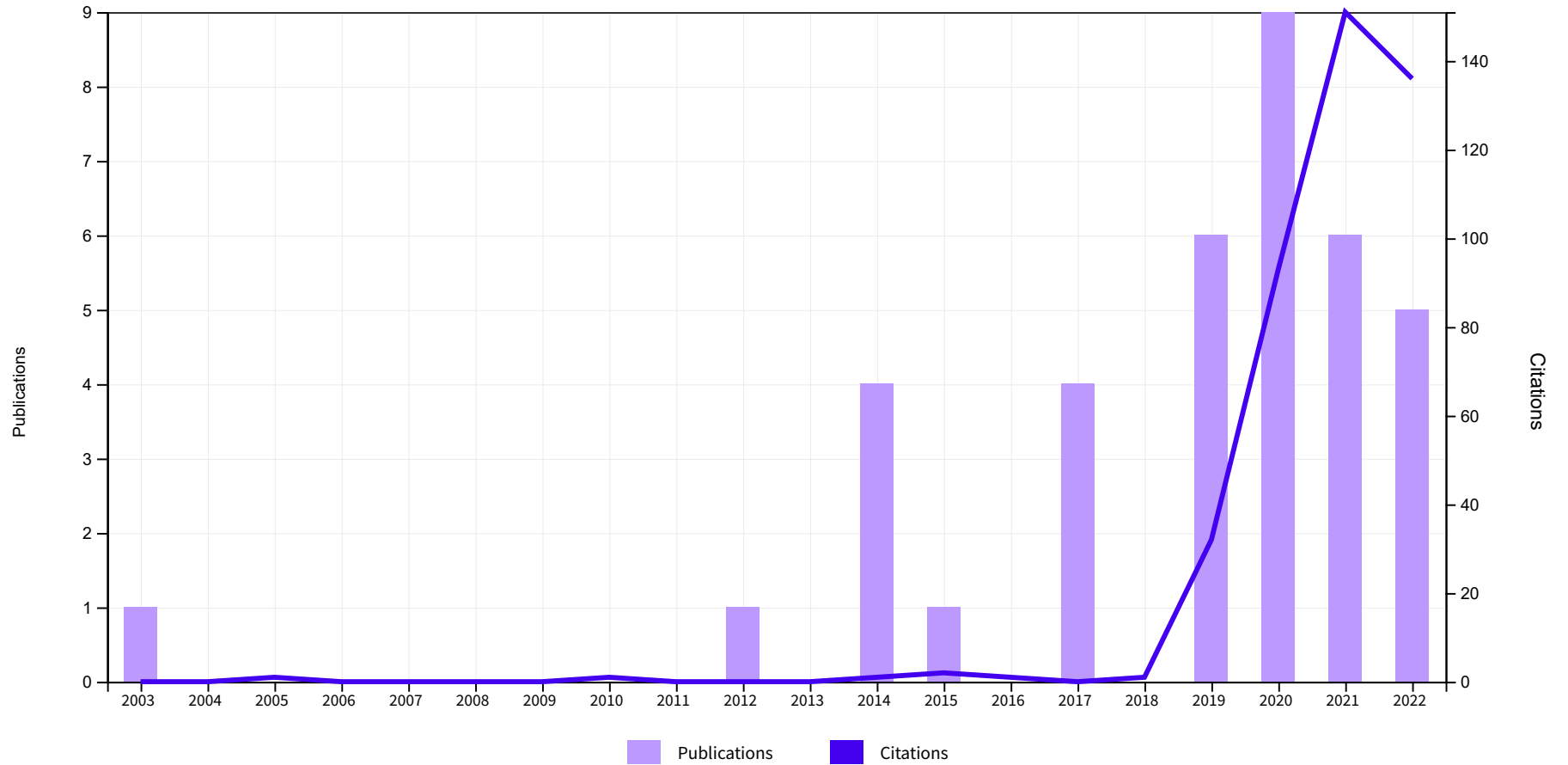
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Total

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Total	1	32	93	151	136	23.28	419
<p>⊖ 1</p> <p>Heat transfer simulation during charging of nanoparticle enhanced PCM within a channel</p> <p>Sheikholeslami, M; Zareei, A; (...); Tlili, J</p> <p>Jul 1 2019 PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS 525 , pp.557-565</p>	0	19	37	7	3	16.5	66
<p>⊖ 2</p> <p>Electromagnetic Bandgap Backed Millimeter-Wave MIMO Antenna for Wearable Applications</p> <p>Iqbal, A; Basir, A; (...); Kim, S</p> <p>2019 IEEE ACCESS 7 , pp.111135-111144</p>	0	2	15	18	13	12	48
<p>⊖ 3</p> <p>Wideband Circularly Polarized MIMO Antenna for High Data Wearable Biotelemetric Devices</p> <p>Iqbal, A; Smida, A; (...); Kim, S</p> <p>2020 IEEE ACCESS 8 , pp.17935-17944</p>	0	0	6	19	16	13.67	41
<p>⊖ 4</p> <p>Wideband Wearable Antenna for Biomedical Telemetry Applications</p> <p>Smida, A; Iqbal, A; (...); Kim, S</p> <p>2020 IEEE ACCESS 8 , pp.15687-15694</p>	0	0	3	13	18	11.33	34
	0	1	10	18	4	8.25	33

<p>⊖ 5</p>	<p>Frequency and Pattern Reconfigurable Antenna for Emerging Wireless Communication Systems</p> <p>Iqbal, A; Smida, A; (...); Kim, S</p> <p>Apr 2019 ELECTRONICS 8 (4)</p>							
<p>⊖ 6</p>	<p>A Compact UWB Antenna with Independently Controllable Notch Bands</p> <p>Iqbal, A; Smida, A; (...); Kim, S</p> <p>Mar 2 2019 SENSORS 19 (6)</p>	0	2	6	15	6	7.25	29
<p>⊖ 7</p>	<p>A Compact Substrate Integrated Waveguide Cavity-Backed Self-Triplexing Antenna</p> <p>Iqbal, A; Selmi, MA; (...); Smida, A</p> <p>Nov 2020 IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS II-EXPRESS BRIEFS 67 (11), pp.2362-2366</p>	0	0	4	7	14	8.33	25
<p>⊖ 8</p>	<p>Tunable SIW Bandpass Filters With Improved Upper Stopband Performance</p> <p>Iqbal, A; Ahmad, AW; (...); Mallat, NK</p> <p>Jul 2020 IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS II-EXPRESS BRIEFS 67 (7), pp.1194-1198</p>	0	0	3	7	13	7.67	23
<p>⊖ 9</p>	<p>Isolation Improvement in UWB-MIMO Antenna System Using Slotted Stub</p> <p>Altaf, A; Iqbal, A; (...); Limiti, E</p>	0	0	0	9	11	6.67	20

Oct 2020 | [ELECTRONICS](#) 9 (10)
 Enriched Cited References

 10

Cylindrical Dielectric Resonator Antenna-Based Sensors for Liquid Chemical Detection

[Iqbal, A](#); [Smida, A](#); (...); [Lee, BM](#)
Mar 1 2019 | [SENSORS](#) 19 (5)

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Low-Profile Frequency Reconfigurable Antenna for Heterogeneous Wireless Systems

[Iqbal, A](#); [Smida, A](#); (...); [Kim, S](#)
Sep 2019 | [ELECTRONICS](#) 8 (9)

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Low-profile dual-band antenna with on-demand beam switching capabilities

[Iqbal, A](#); [Bouazizi, A](#); (...); [Naeem, U](#)
Jan 8 2020 | [IET MICROWAVES ANTENNAS & PROPAGATION](#) 14 (1), pp.15-20

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Highly-tunable and wide stopband microstrip bandpass filters

[Iqbal, A](#); [Smida, A](#); (...); [Mallat, NK](#)

May 2021 | Feb 2021 (Early Access) |

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<p>14</p>	<p>Dielectric resonator antenna with reconfigurable polarization states</p> <p>Iqbal, A; Waly, MI; (...); Mallat, NK</p> <p>Jun 2021 Apr 2021 (Early Access) IET MICROWAVES ANTENNAS & PROPAGATION 15 (7) , pp.683-690</p> <p>★ Enriched Cited References</p>	0	0	0	1	5	3	6
<p>15</p>	<p>Circular Antenna Array Design for Breast Cancer Detection</p> <p>Ouerghi, K; Fadlallah, N; (...); Boulejfen, N</p> <p>1st International Conference on Sensors, Networks, Smart and Emerging Technologies (SENSET) 2017 2017 SENSORS NETWORKS SMART AND EMERGING TECHNOLOGIES (SENSET)</p>	0	2	1	2	1	1	6
<p>16</p>	<p>Effect of Polaron formation in conduction and dielectric behavior in La_{0.7}Sr_{0.25}K_{0.05}MnO₃ oxide</p> <p>Selmi, M; Smida, A and El Kossj, S</p> <p>Mar 2021 Feb 2021 (Early Access) JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS 32 (5) , pp.6014-6027</p>	0	0	0	3	2	2.5	5
<p>17</p>	<p>A Dual-Band Ambient Energy Harvesting Rectenna Design for Wireless Power Communications</p> <p>Muhammad, S; Tiang, JJ; (...); Iqbal, A</p> <p>2021 IEEE ACCESS 9 , pp.99944-99953</p> <p>★ Enriched Cited References</p>	0	0	0	1	4	2.5	5
		0	0	0	2	2	2	4

<p>⊖ 18</p> <p>Muhammad, S; Tiang, JJ; (...); Azizi, MK</p> <p>2021 CMC-COMPUTERS MATERIALS & CONTINUA 68 (1) , pp.167-184</p>														
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<p>⊖ 20</p> <p>Muhammad, S; Tiang, JJ; (...); Iqbal, A</p> <p>Sep 2021 Aug 2021 (Early Access) </p> <p>AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS 139</p> <p>☰★ Enriched Cited References</p>		0	0	0	0	3	1.5							3
<p>⊖ 21</p> <p>Smida, A; Iqbal, A; (...); Mallat, NK</p> <p>Feb 2021 Dec 2020 (Early Access) </p> <p>INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING 31 (2)</p> <p>☰★ Enriched Cited References</p>		0	0	0	1	2	1							3

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<p>⊖ 23</p>	<p>Simulation and Analysis of Variable Antenna Designs for Effective Stroke Detection</p> <p>Smida, A</p> <p>Dec 2020 </p> <p>INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS 11 (12) , pp.238-244</p>	0	0	0	1	1	0.67	2
<p>⊖ 24</p>	<p>Hybrid MUSIC Dolph-Chebyshev algorithm for a smart antenna system</p> <p>Ghayoula, R; Smida, A; (...); Grenier, D</p> <p>Dec 2014 INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS 27 (12) , pp.3706-3719</p>	1	0	0	0	0	0.22	2
<p>⊖ 25</p>	<p>Beam Synthesis of Phased Circular Antenna Arrays Using Taguchi Method</p> <p>Smida, A; Ghayoula, R; (...); Gharsallah, A</p> <p>9th International Conference on Communications (COMM) 2012 2012 9TH INTERNATIONAL CONFERENCE ON COMMUNICATIONS (COMM) , pp.155-158</p>	0	1	0	0	0	0.18	2
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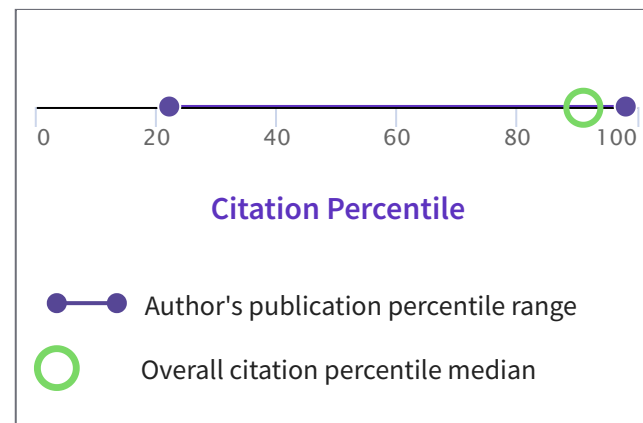
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