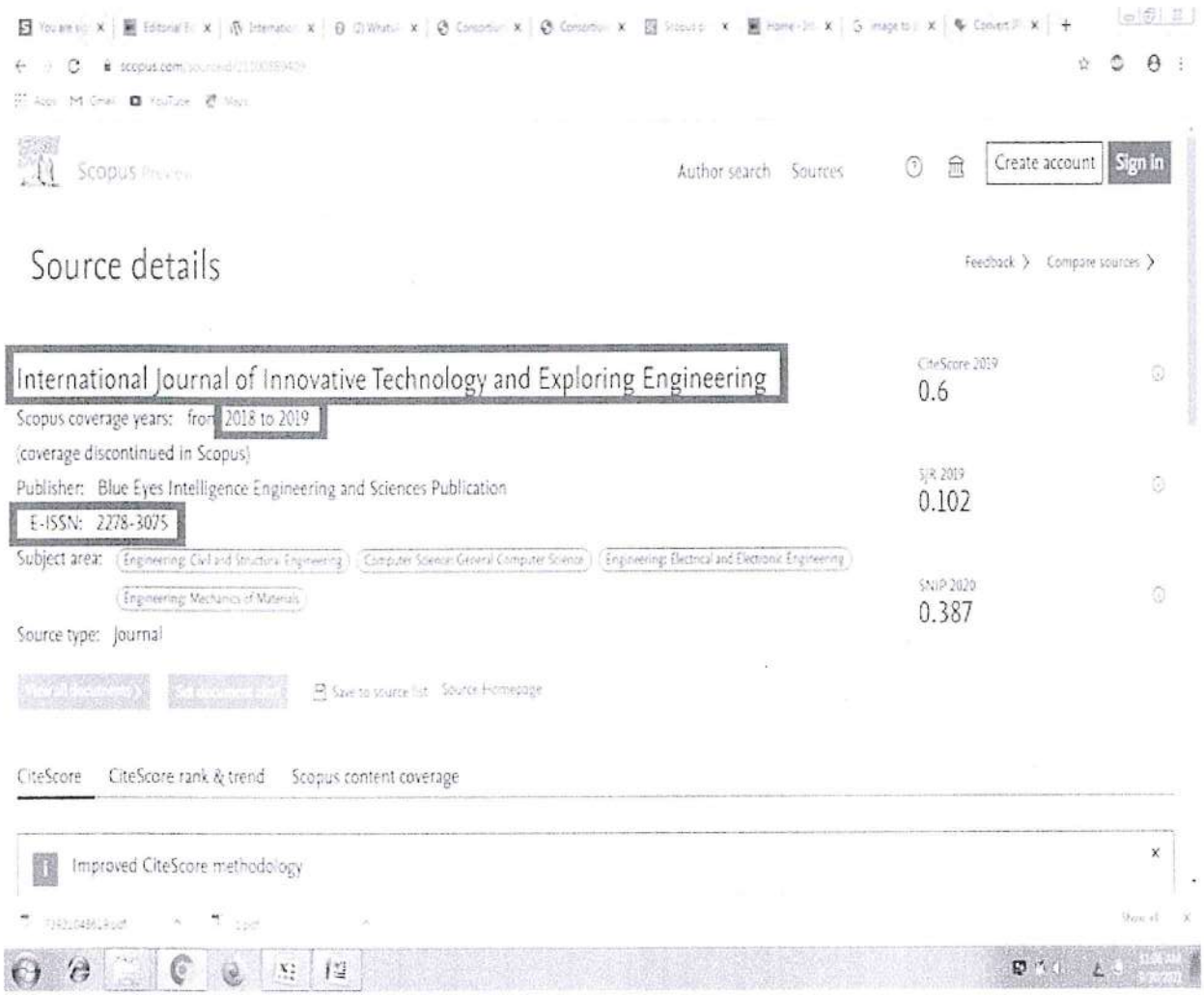
List of Research Papers per Teachers in the journals notified on UGC website during the year 2019

Sl.NO	NAME OF THE AUTHOR	TITLE OF PAPER	NAME OF JOURNAL	VOLUME	NAME OF THE DEPARTMENT	PAGE NO.
1.	Dr.B.Kalaavathi	An Artificial Bee Colony Algorithm to Mine Periodic High Utility Itemsets	International Journal of Innovative Technology and Exploring Engineering	Volume-8 Issue-6	CSE	3
2	Dr.B.Kalaavathi	Trust and Privacy Based Authentication Method for Vertical Handoff Decision In Heterogeneous Network	International Journal of Engineering and Advanced Technology	Volume 9 Issue 1	CSE	4
3	Dr.B.Kalaavathi	Adaptive Image Enhancement Using Hybrid Particle Swarm Optimization and Watershed Segmentation	Intelligent Automation and Soft Computing	Vol. 25, No. 4	CSE	5
4	Dr.R.Jeya Bharath	Sustainable Development of Universal Electronic Control Unit for Fuel Saving In Automobiles to Protect the Environment Pollution	Journal of Electrical Engineering	Volume-19 Issue-2	EEE	6
5	Dr.P. Veena	Sustainable Development of Universal Electronic Control Unit for Fuel Saving In Automobiles to Protect the Environment Pollution	Journal of Electrical Engineering	Volume-19 Issue-2	EEE	7
6	Dr. P.Meenakshi Devi	Swarm Optimized Energy Hubness Clustering to Detect and Respond Intrusive Attack Variants in MANET	International Journal of Business Innovation and Research	Vol.18, No.3	IT	8
7	Dr. P.Meenakshi Devi	Performance Analysis on Cluster-Based Intrusion Detection Techniques for Energy Efficient and Secured Data Communication in MANET	International Journal of Information Systems and Change Management	Vol.11, No.1	IT	9

8	Dr.N.Lalithamani	Properties of Intuitionistic (T, S) Normed Fuzzy Ideals in Semigroups	South East Asian J. of Mathematics and Mathematical Sciences	Vol.15, No.2	Mathematics	10
9	Dr.B. Murugesan	Solar Light Active CeO2/RgO Hybrid Photocatalyst for Direct Violet 51 Degradation	Rasayan Journal of Chemistry	Vol.12, No.4	Chemistry	11
10	Dr.S.Agiladevi	Electrochemical Studies on the Corrosion Behaviour of Metals and Alloys in Simulated Ringer‟S Solution	Rasayan Joutnal of Chemistry.,	Vol.12, No.1	Chemistry	12



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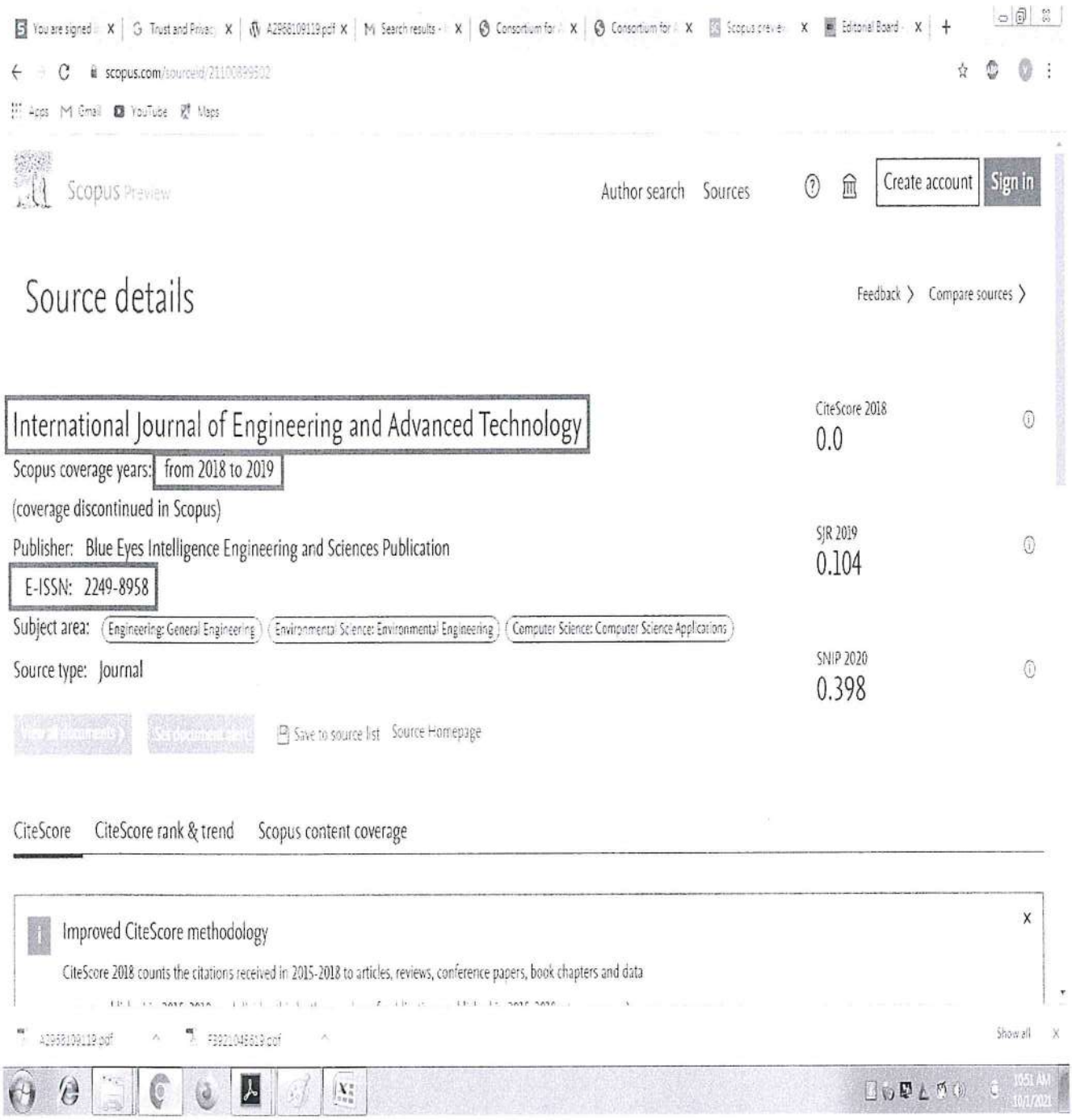

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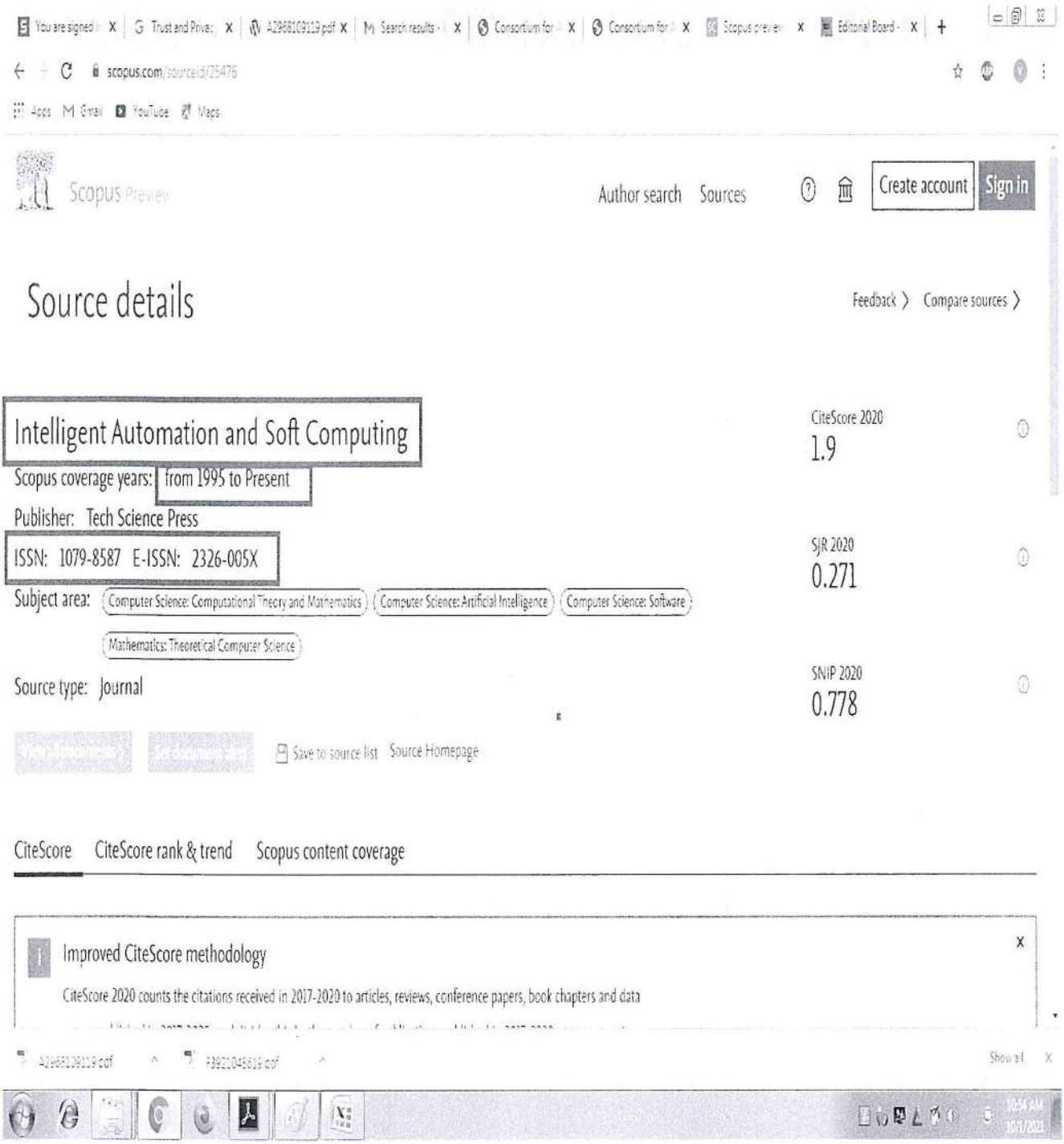

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Sustainable development of universal electronic control unit for fuel saving in automobiles to protect the environment pollution
Journal of Electrical Engineering

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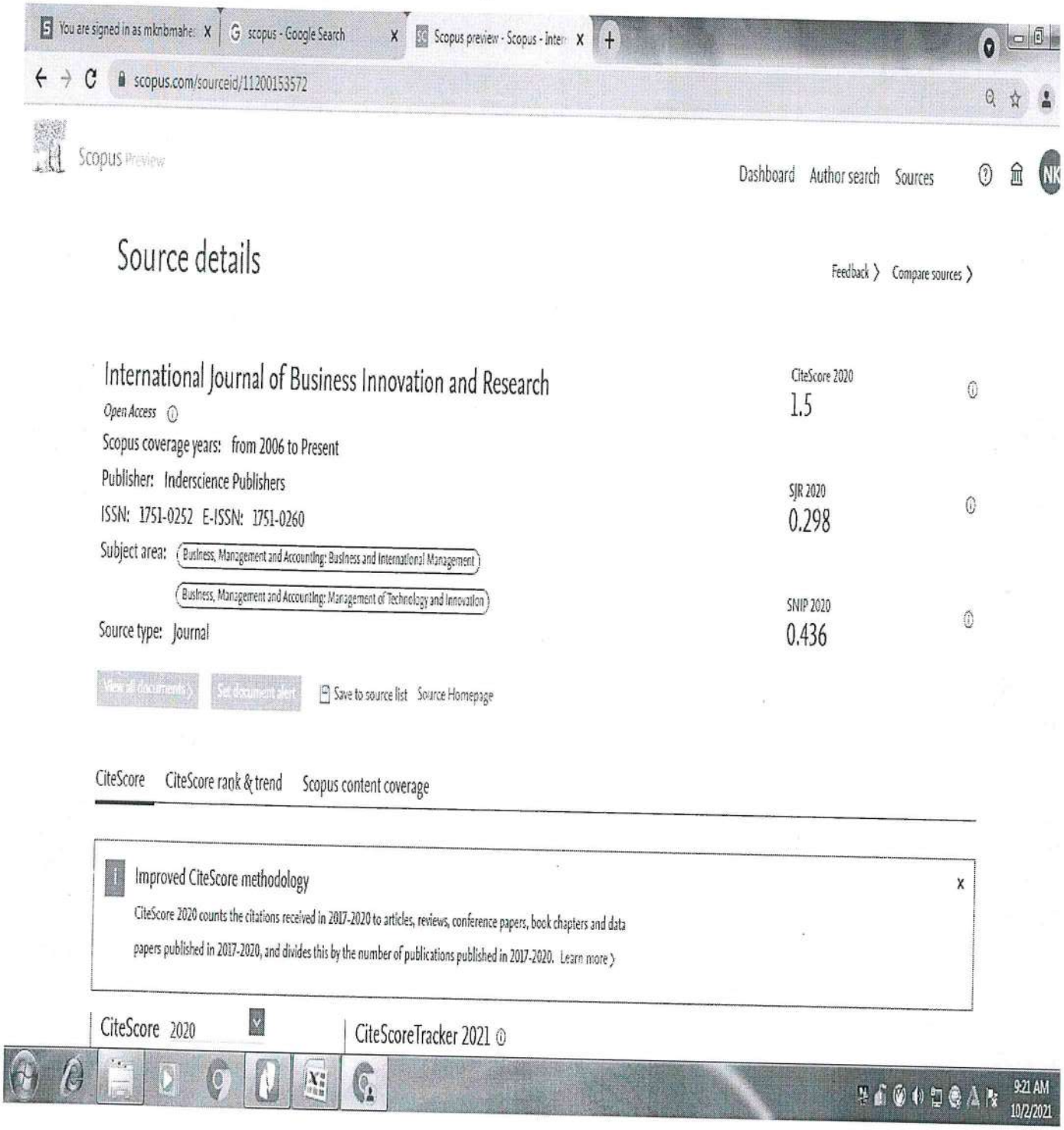

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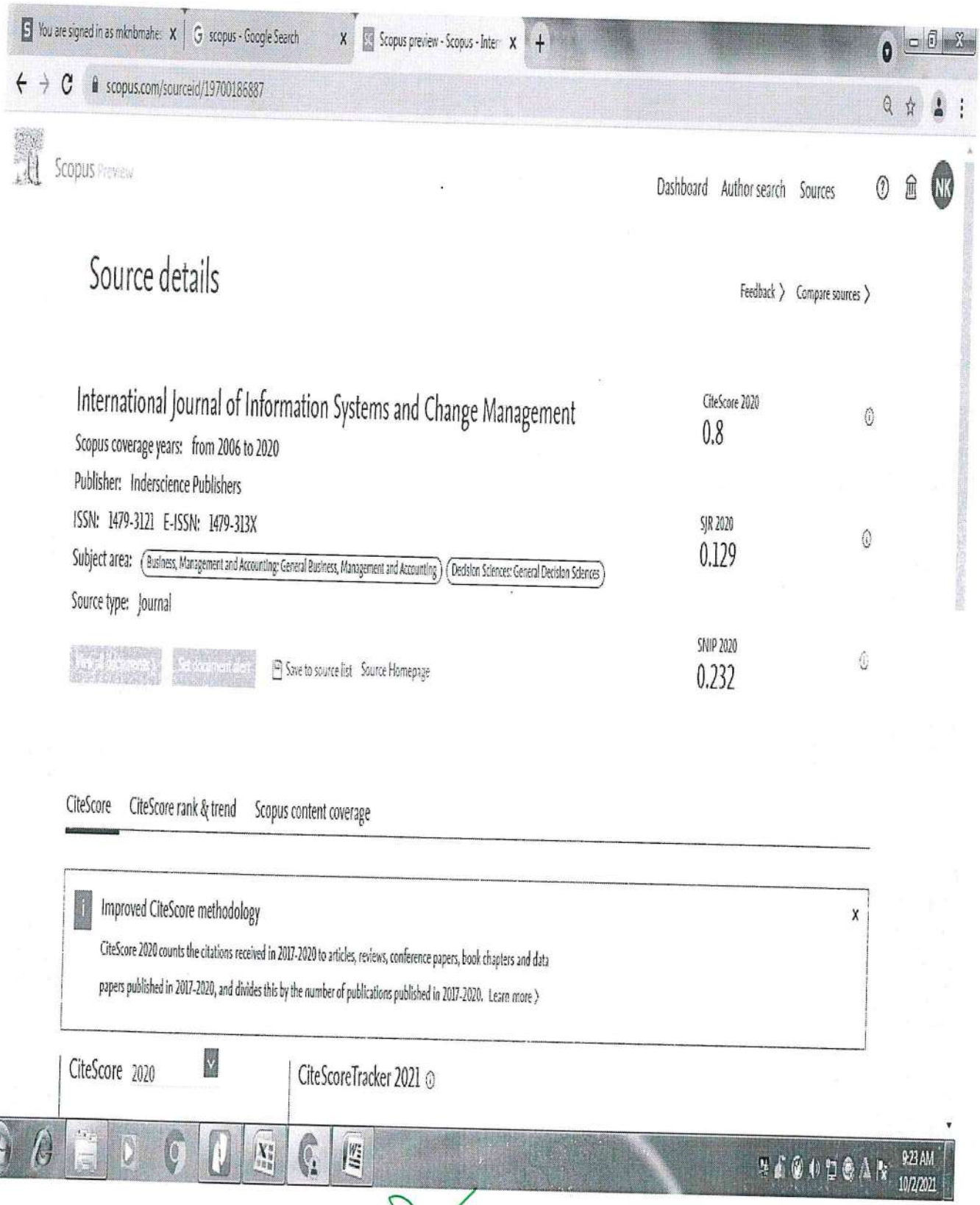

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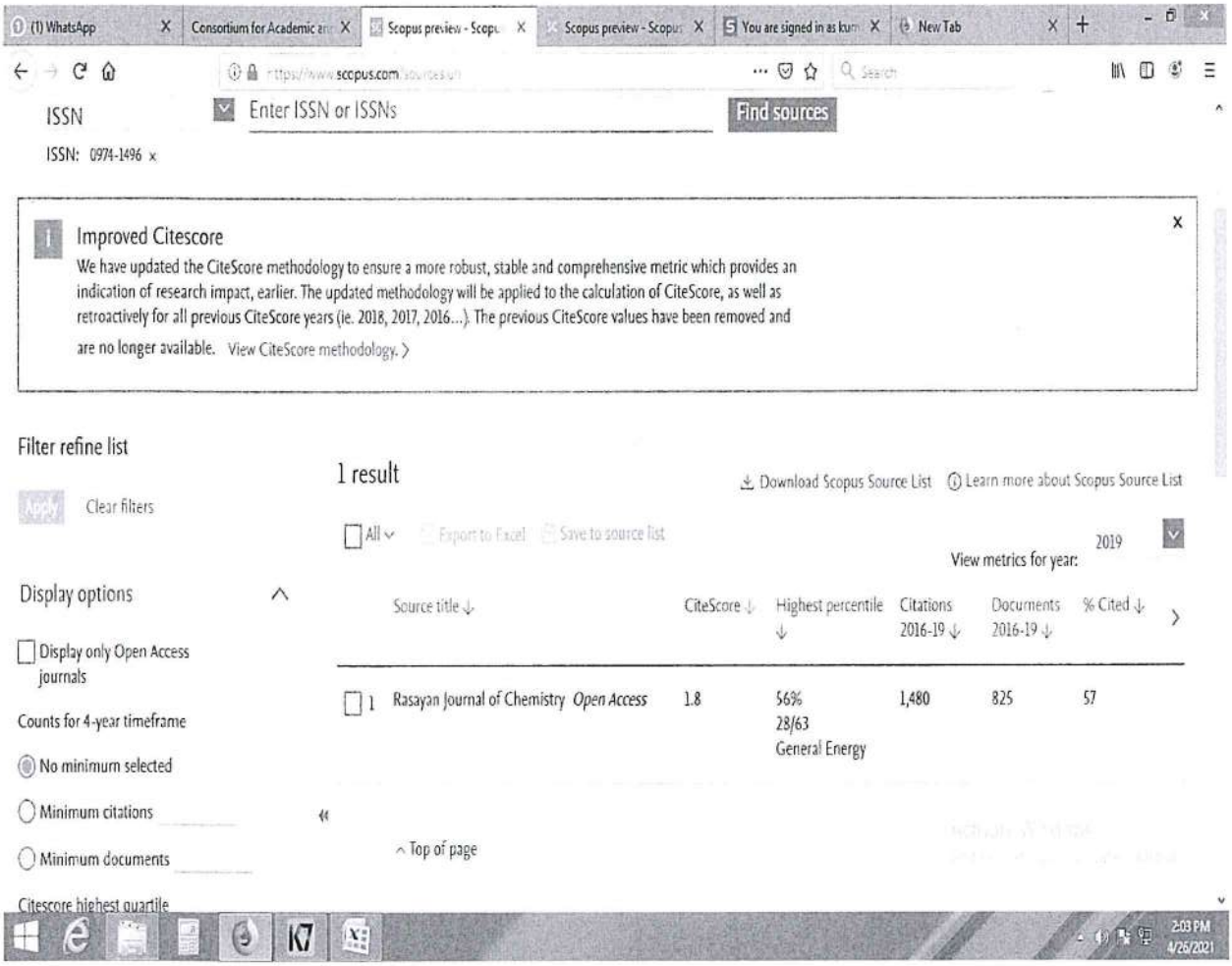

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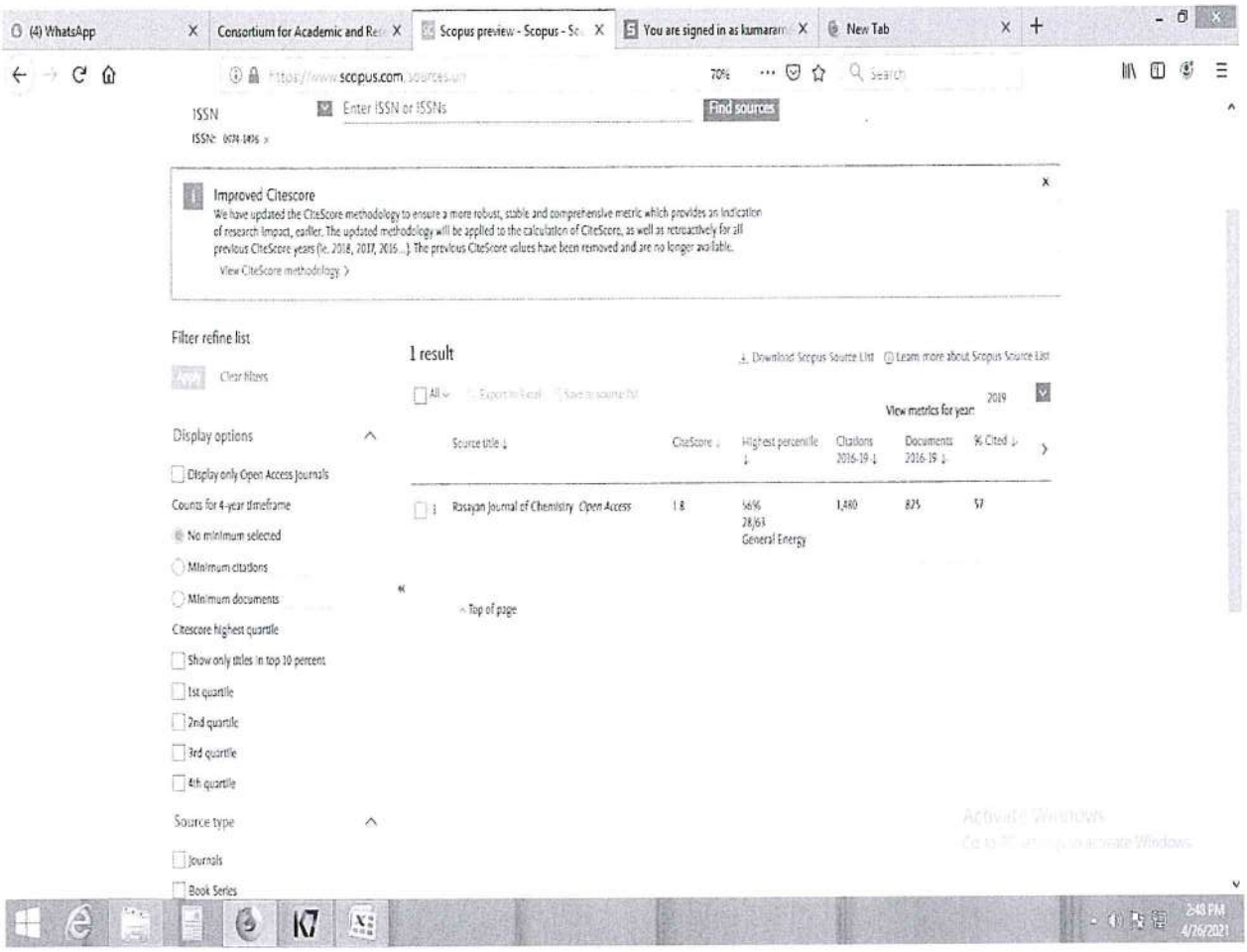

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1.	Dr.B.Kalaavathi	High Performance Feature Selection Algorithms Using Filter Method for Cloud-Based Recommendation System	Cluster Computing The Journal of Networks, Software Tools and Applications	Volume 14, Issue 11	CSE	14
2	Dr.B.Kalaavathi	Intrusion Detection and Prevention System in MANET Using Hierarchical Task Network Planning	Perspectives in Information Science	Volume 22, Issue 4	CSE	15
3	Dr.B.Kalaavathi	Honeypot TB-IDS: Trace Back Model Based Intrusion Detection System Using Knowledge Based Honeypot Construction Model	Cluster Computing The Journal of Networks, Software Tools and Applications	Volume 22, Issue 10	CSE	16
4	Mr.M. Jaganathan	An Heuristic Cloud Based Segmentation Technique Using Edge and Texture Based Two Dimensional Entropy	Cluster Computing	Volume 22, Issue 5	CSE	17
5	Mr.Santhakumar	A Self Balancing Space Vector PWM For Z Source T Multilevel Inverter	Journal of Electrical Engineering	Volume 18, Issue 3	EEE	18
6	Mr.S Velmurugan	A Multimodal Authentication for Biometric Recognition System Using Hybrid Fusion Techniques	Cluster Computing	Volume 43, Issue 8	EEE	19
7	Dr. P.Meenakshi Devi	An Analysis of Energy Efficiency Improvement Through Wireless Energy Transfer In Wireless Sensor Network	Wireless personal communication Springer	Volume 98, Issue 4	IT	20
8	M.Dhurgadevi	An Analysis of Energy Efficiency Improvement Through Wireless Energy Transfer In Wireless Sensor Network	Wireless personal communication Springer	Volume 98, Issue 4	IT	21

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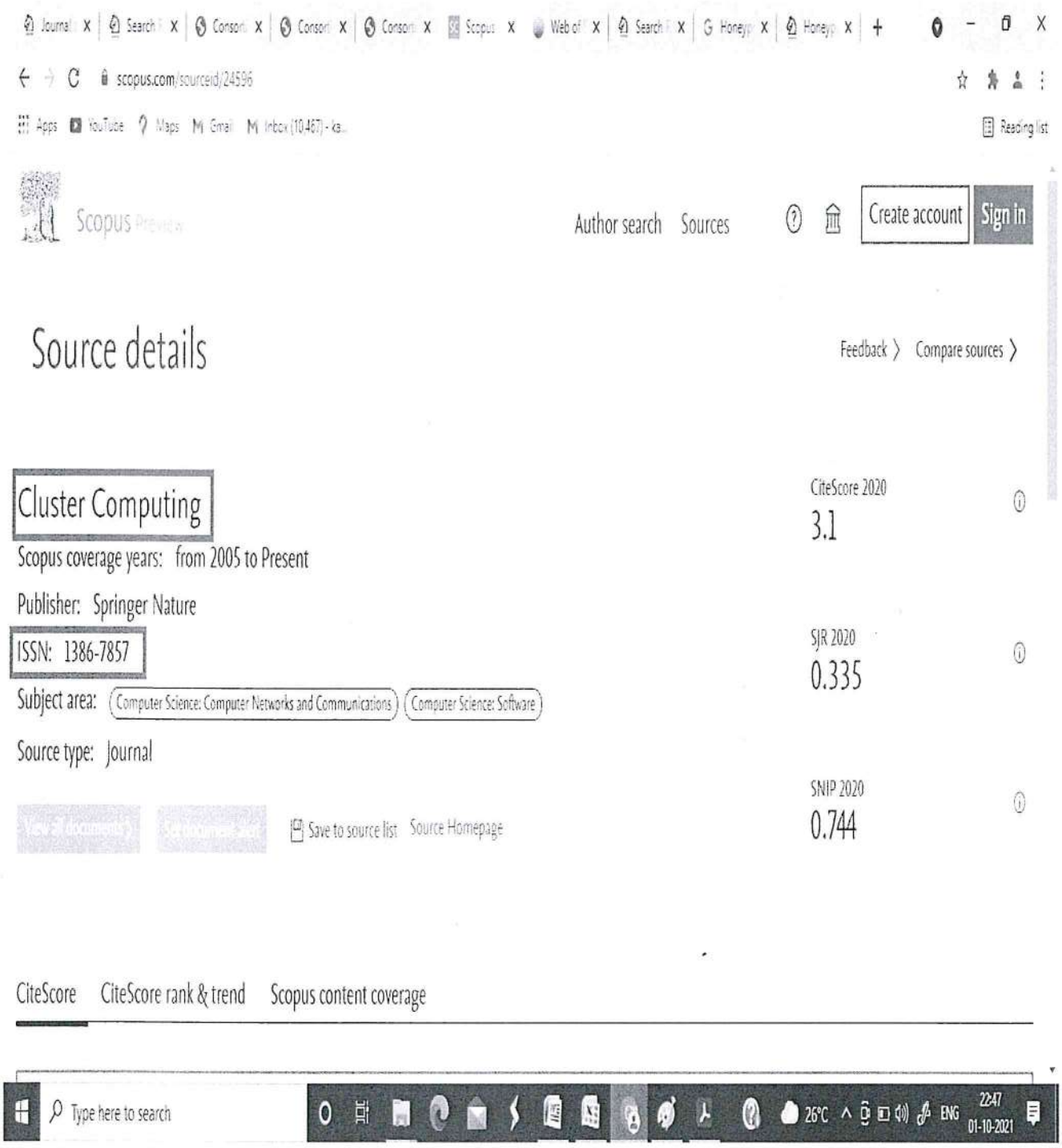

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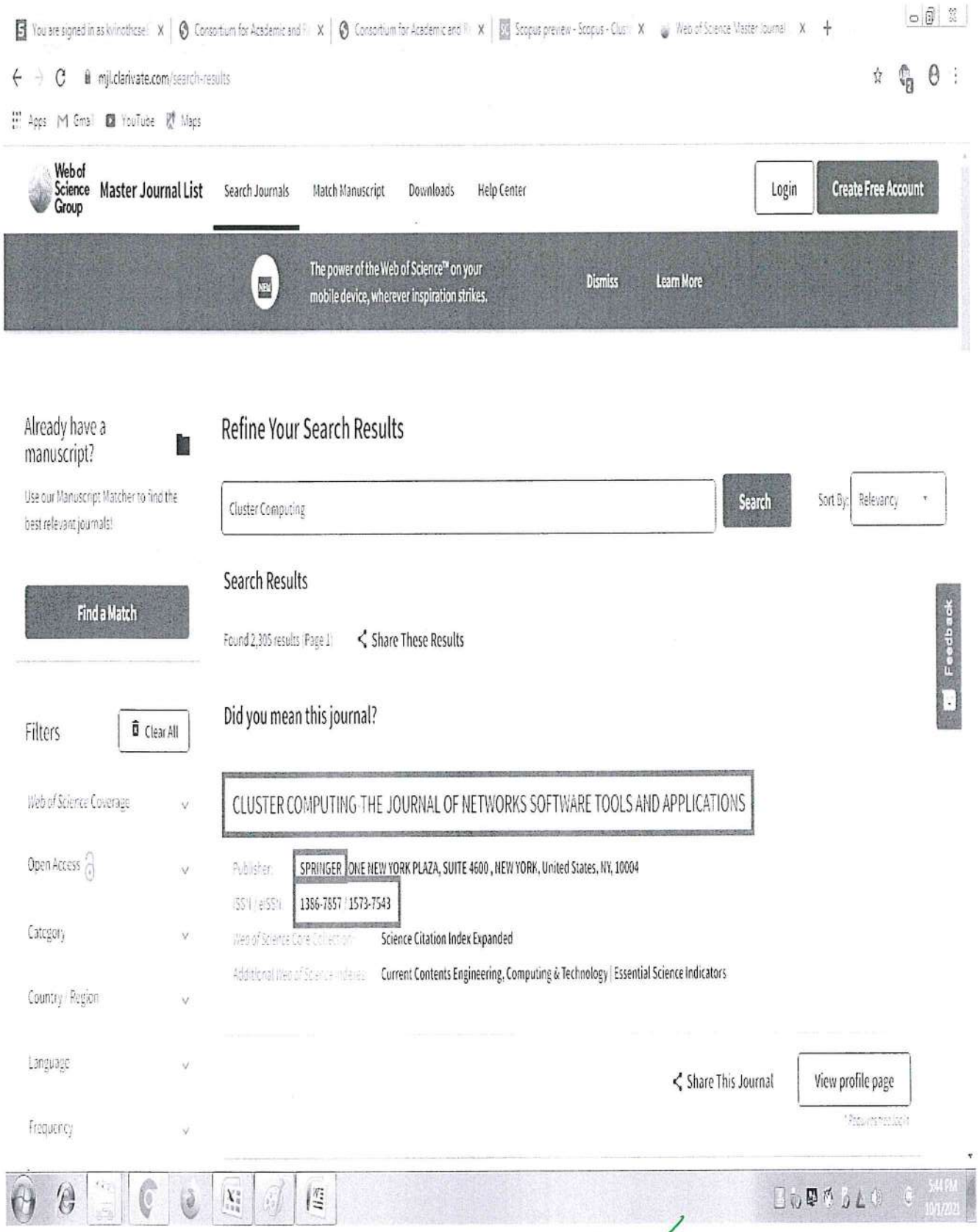

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A Self Balancing Space Vector PWM for Z Source T Multilevel Inverter

Journal of Electrical Engineering

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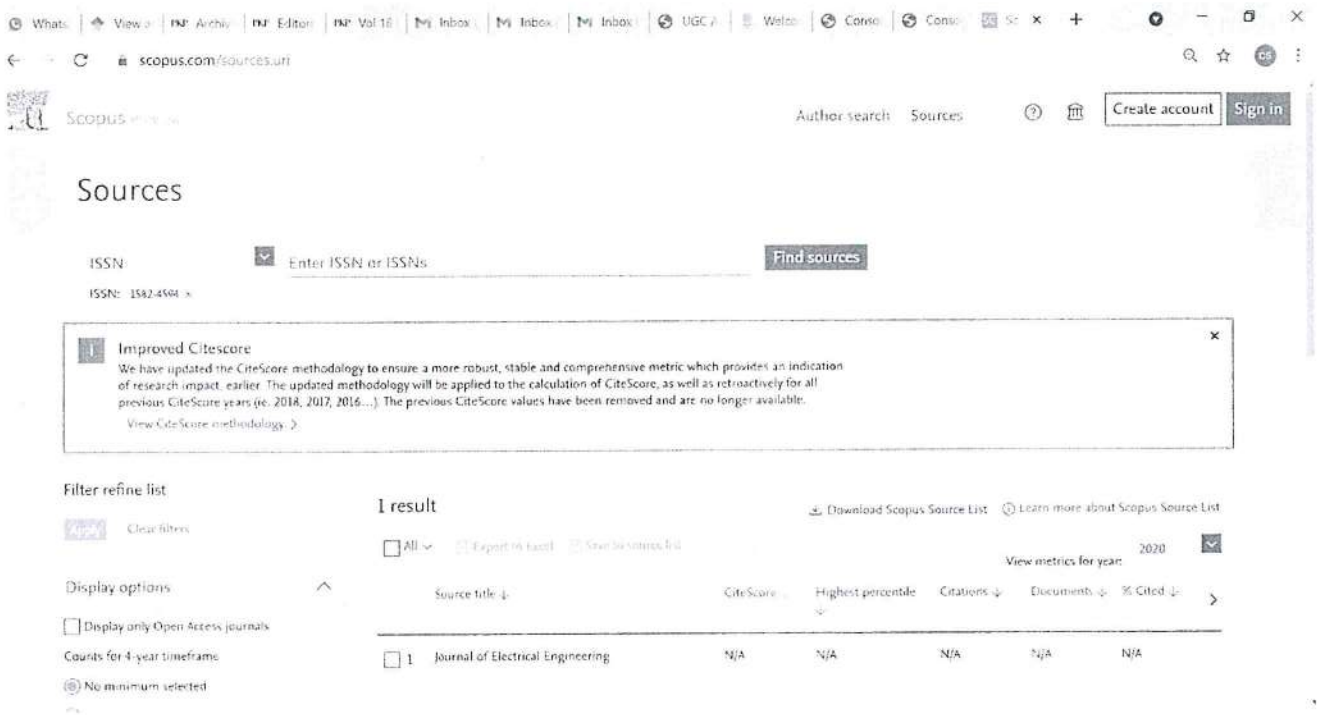

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A multimodal authentication for biometric recognition system using hybrid fusion techniques

Cluster Computing

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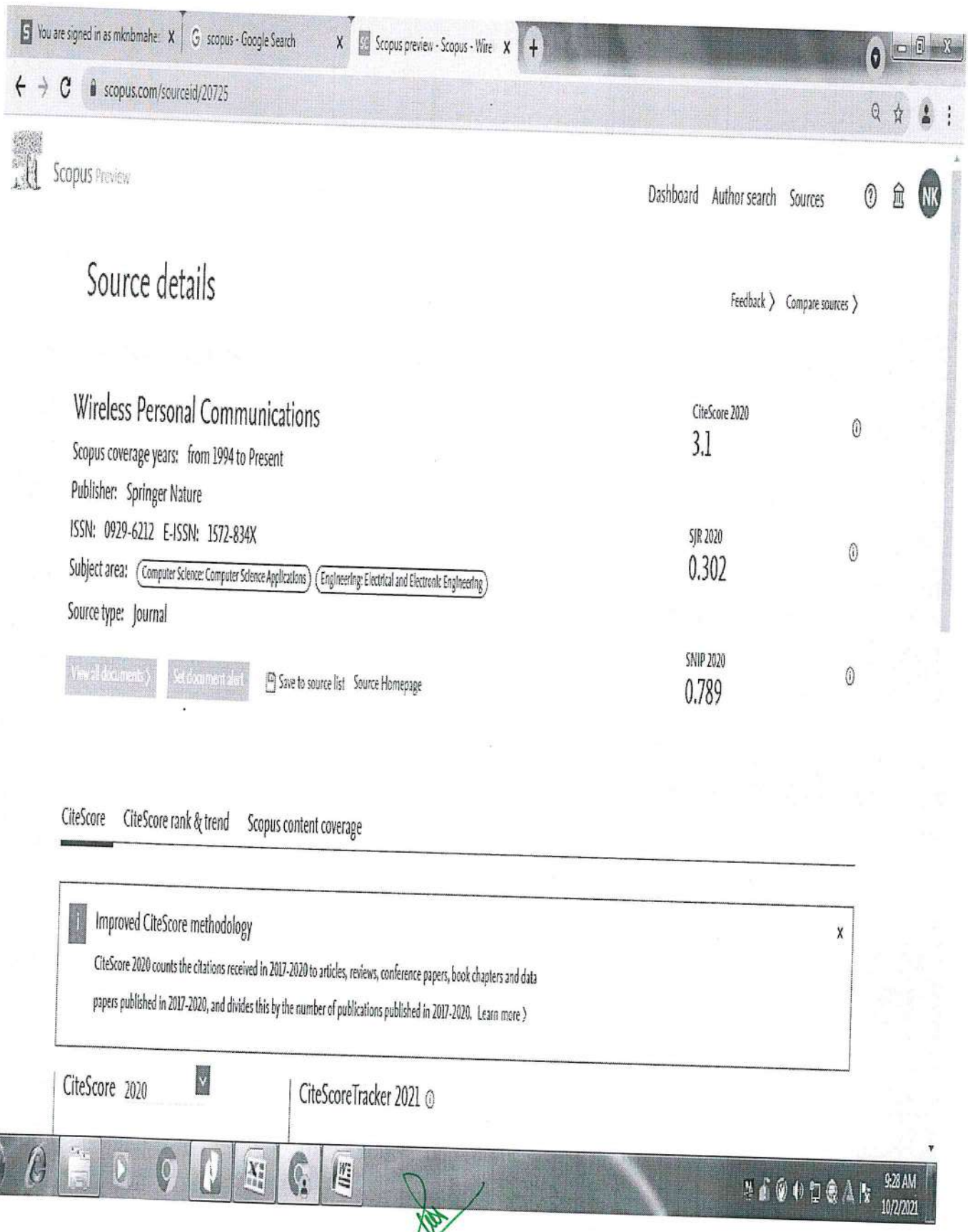

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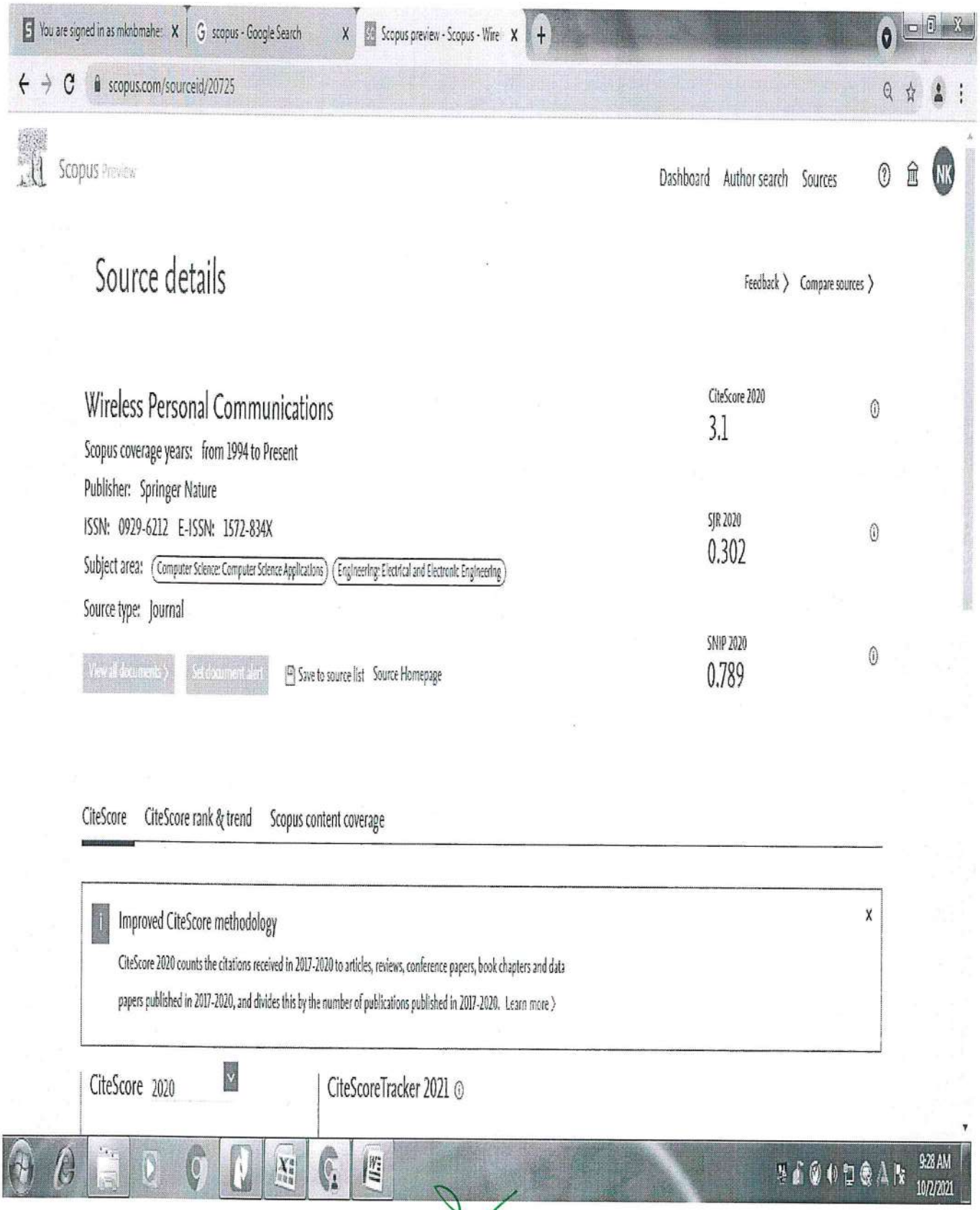

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3	Dr.B.Kalaavathi	Medical Image Fusion Based on Multiscale Transforms	Journal of Medical Imaging and Health Informatics	Volume 7, Issue 2	CSE	26
4	Dr. M. Vimaladevi	K-NN Classifier For Skin Cancer Classification	International Journal on Computer Science and Engineering (IJCSE)	Volume 9, Issue 1	CSE	27
5	M.Jaganathan	Parallel Heuristic Based Segmentation Technique	Journal of Advanced Research in Dynamical and Control Systems	Volume 19, sp 18	CSE	28
6	Dr.R Jeyabharath	Assessment Of Scelic Based High-Power Bidirectional Dc-Dc Converter For Effective Energy Management in PHEV	Journal of electrical Engineering	Volume 19, Issue 2	EEE	29
7	Mr. C Santhakumar	Carrier Shifting Algorithms for the Mitigation of Circulating Current in Diode Clamped Mli Fed Induction Motor Drive	International Journal of Power Electronics and Drive Systems	Volume 8, Issue 2	EEE	30
8	Mr. C. Santhakumar	A Pulse Width Modulation for PV Connected Diode Assisted Z Source NPC-MLI to Obtain High Voltage Gain	Journal of Electrical Engineering	Volume 17, Issue 4	EEE	31
9	Mr. A.M.Ramkumar	Characterization of A Grooved Heat Pipe With an Anodized Surface	Heat and Mass Transfer-Springer	Volume 53, Issue 3	Mechanical	32

10	Dr.S.Russia	Joint Cost and Secured Node Disjoint Energy Efficient Multipath Routing In Mobile Ad Hoc Network	Wireless Networks (Springer)	Volume 23, Issue 7	IT	33
11	Dr.D.Madhan	Visible Light Photocatalytic Activity of Pure And Palladium (Pd) Doped SnO2 Nanoparticles By a One Step Facile Route	Journal of Materials Science: Materials in Electronics.	Volume 28, Issue 19	Physics	34
12	Dr.B. Murugesan	Synthesis of ZnO Nano Wire and ZnO/CeO2 Solid Solution Nano Wire By Bio-Morphing and Its Characterization	Journal of the Taiwan Institute of Chemical Engineers	Volume 78,Issue 2	Chemistry	35
13	Mr.B. Murugesan	Synthesis and Photocatalytic Studies of Lanthanum Oxide Doped Nano Carbon Hollow Spheres	Journal of the Taiwan Institute of Chemical Engineers	Volume 71,Issue 2	Chemistry	36

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Publisher: American Scientific Publishers

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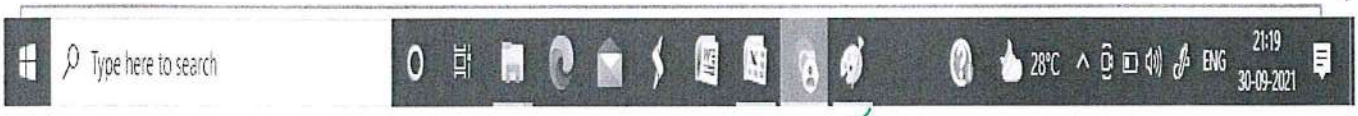

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Journal of Medical Imaging and Health Informatics

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Publisher: American Scientific Publishers

ISSN: 2156-7018 E-ISSN: 2156-7026

Subject area: Medicine: Radiology, Nuclear Medicine and Imaging | Medicine: Health Informatics

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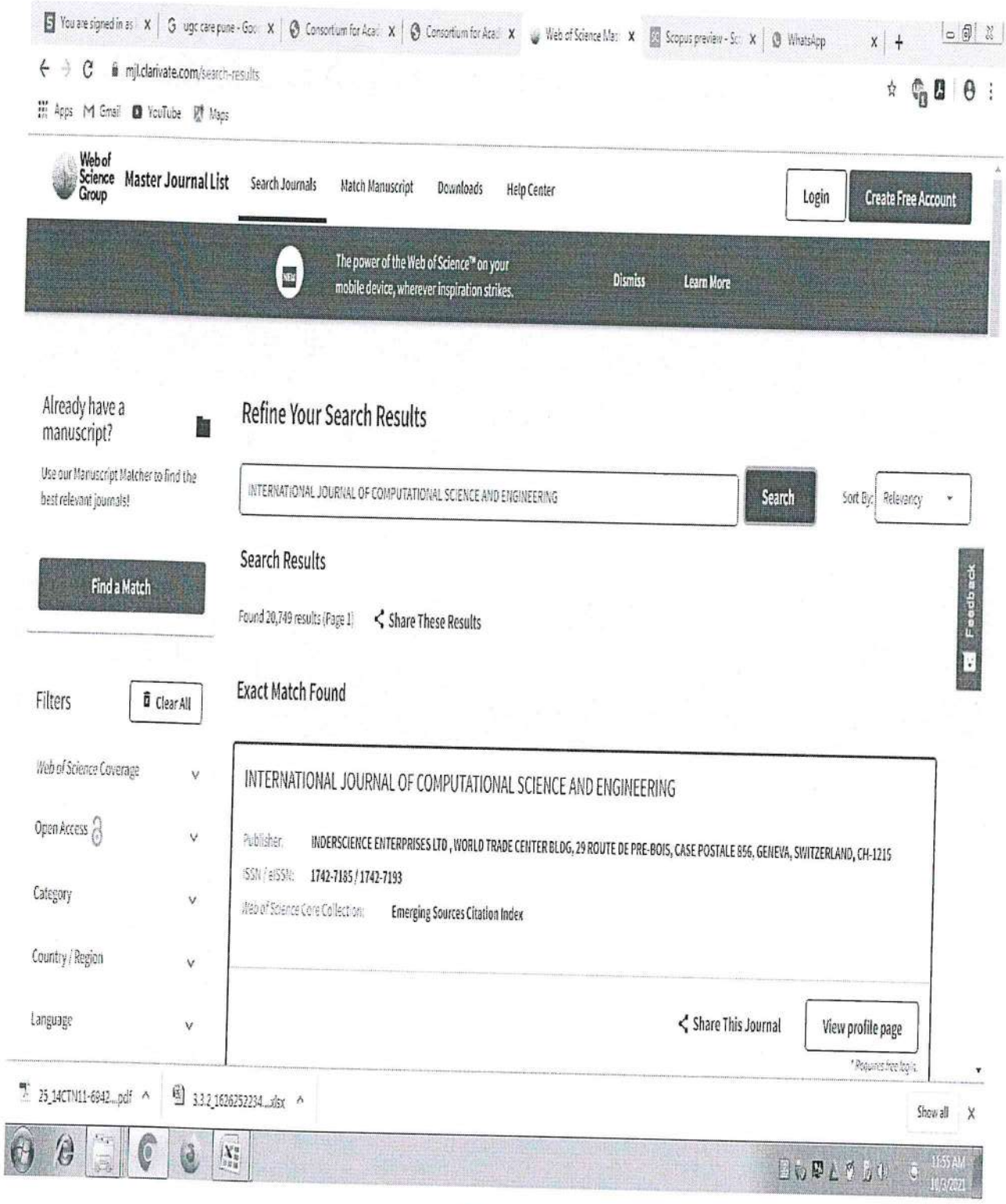

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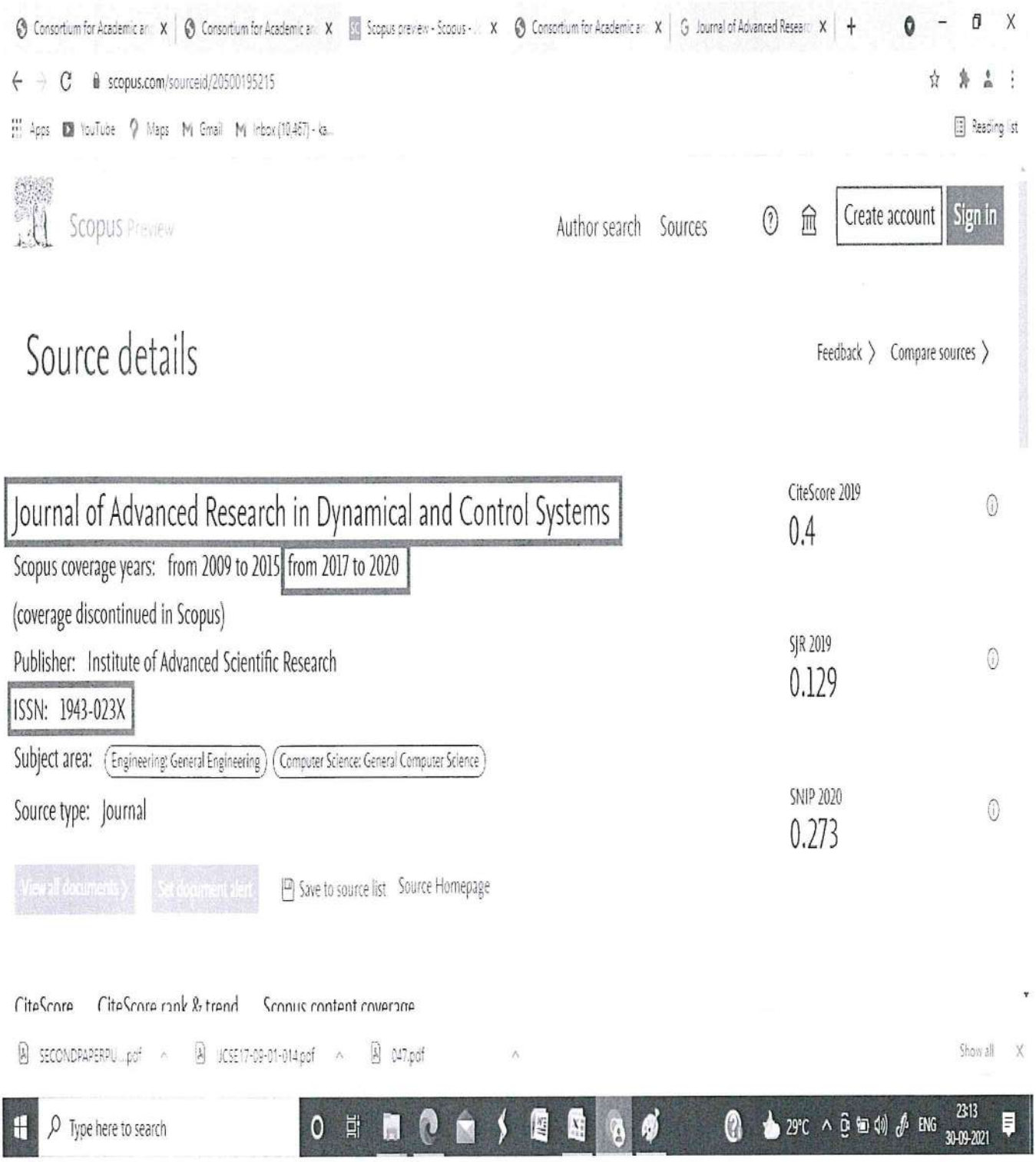

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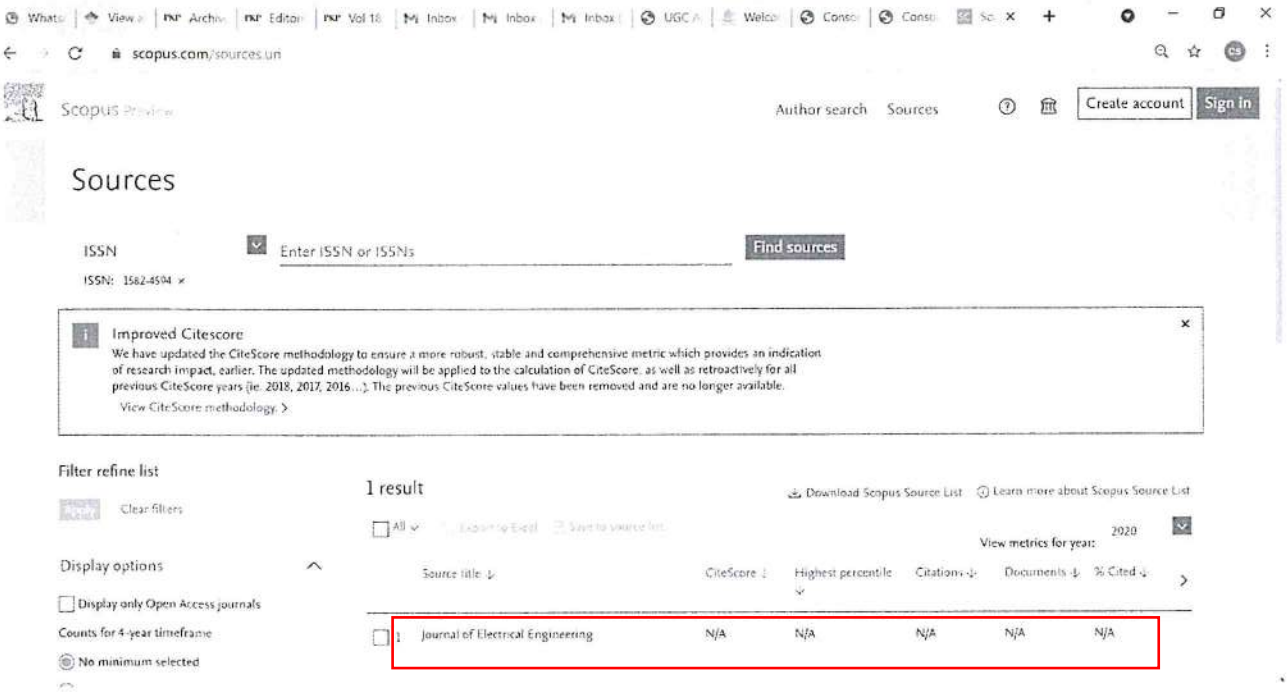
Assessment of SCELIC Based High-Power Bidirectional DC-DC Converter For Effective Energy Management In PHEV

Journal of Electrical Engineering



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Carrier shifting algorithms for the mitigation of circulating current in diode clamped MLI fed induction motor drive

International Journal of Power Electronics and Drive Systems

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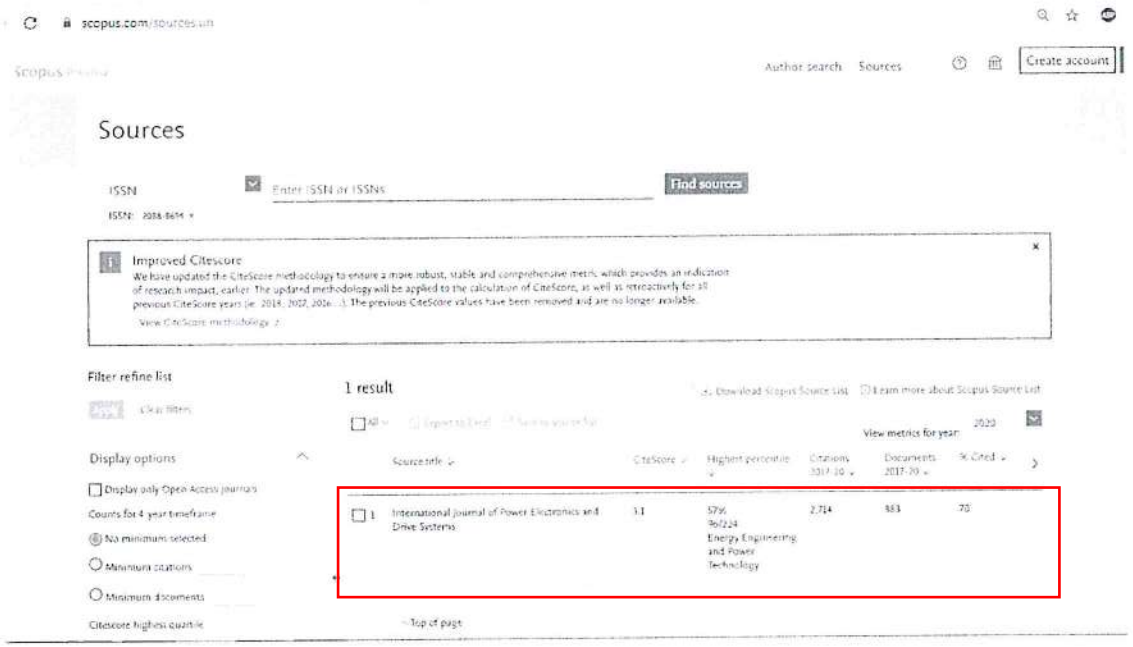

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A Pulse Width Modulation for PV Connected Diode Assisted Z Source NPC-MLI to Obtain High Voltage Gain

Journal of Electrical Engineering

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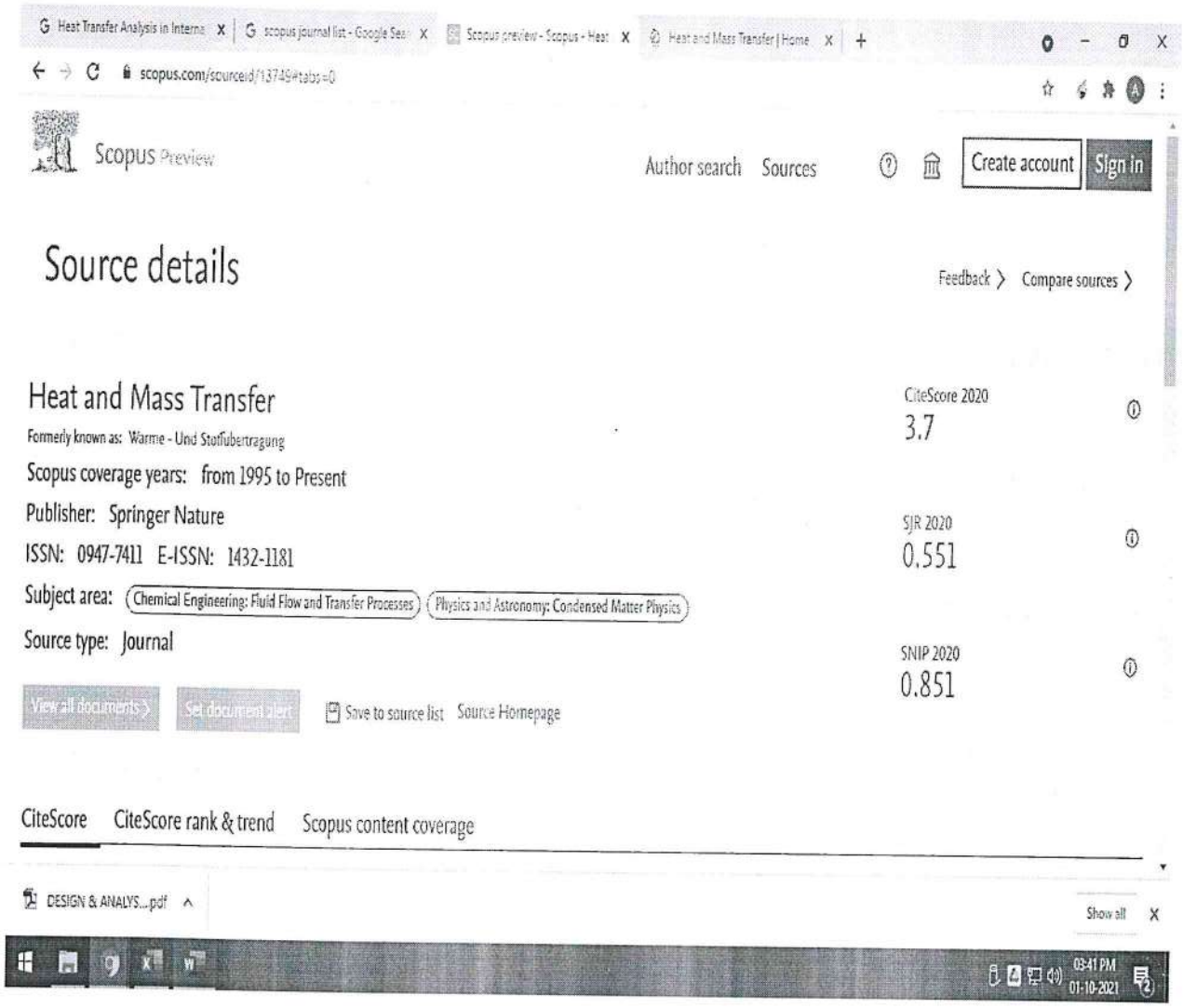

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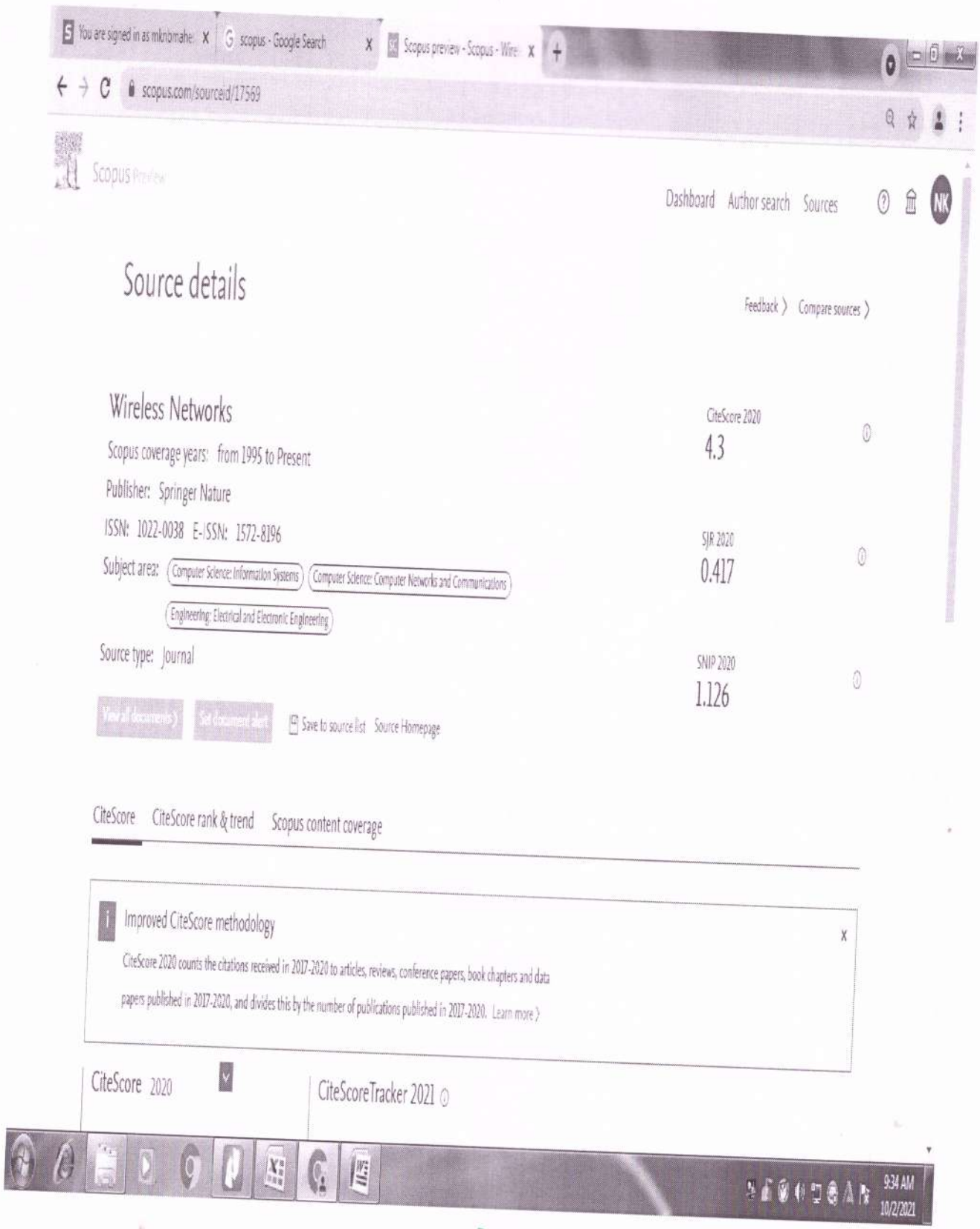

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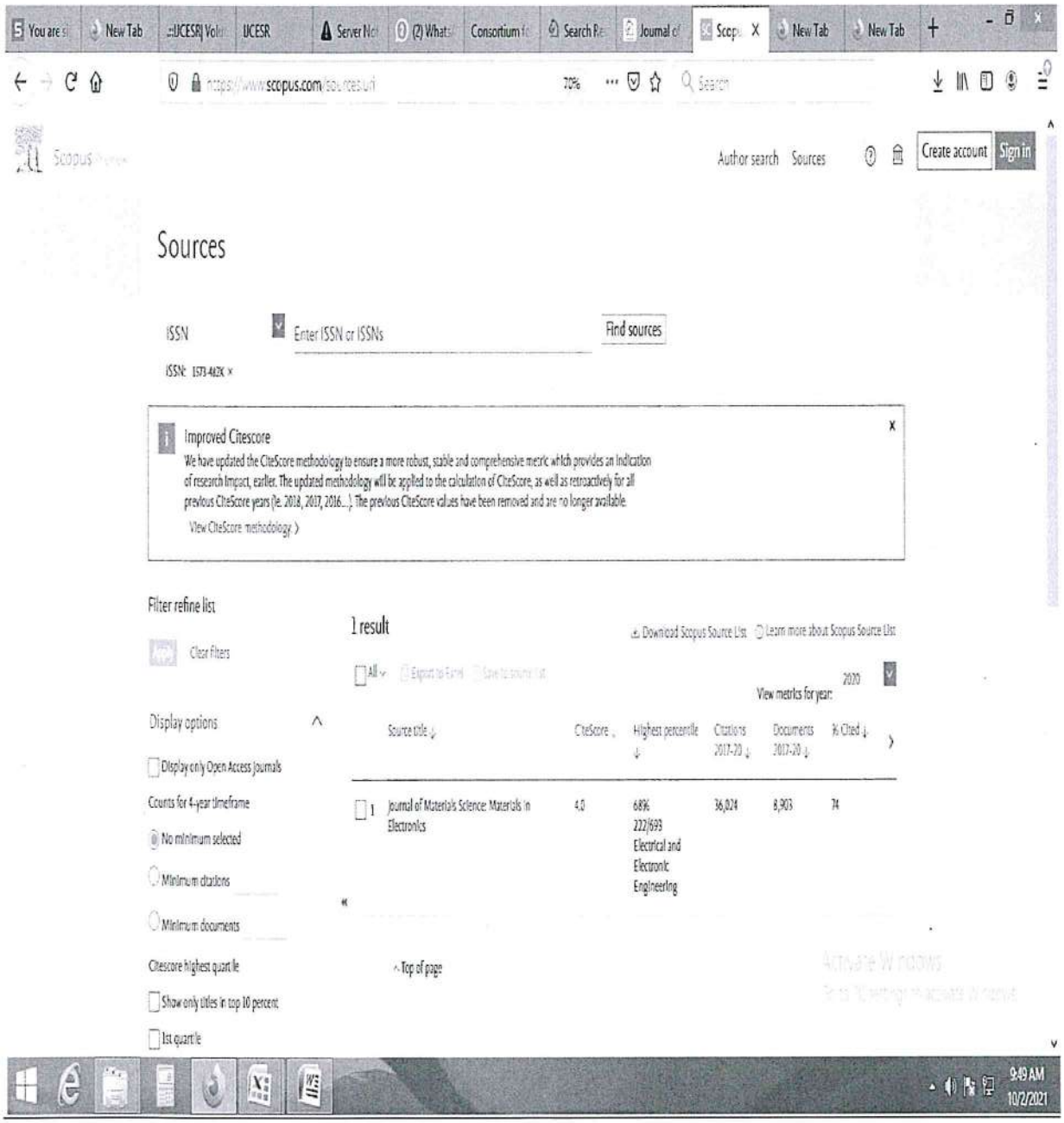

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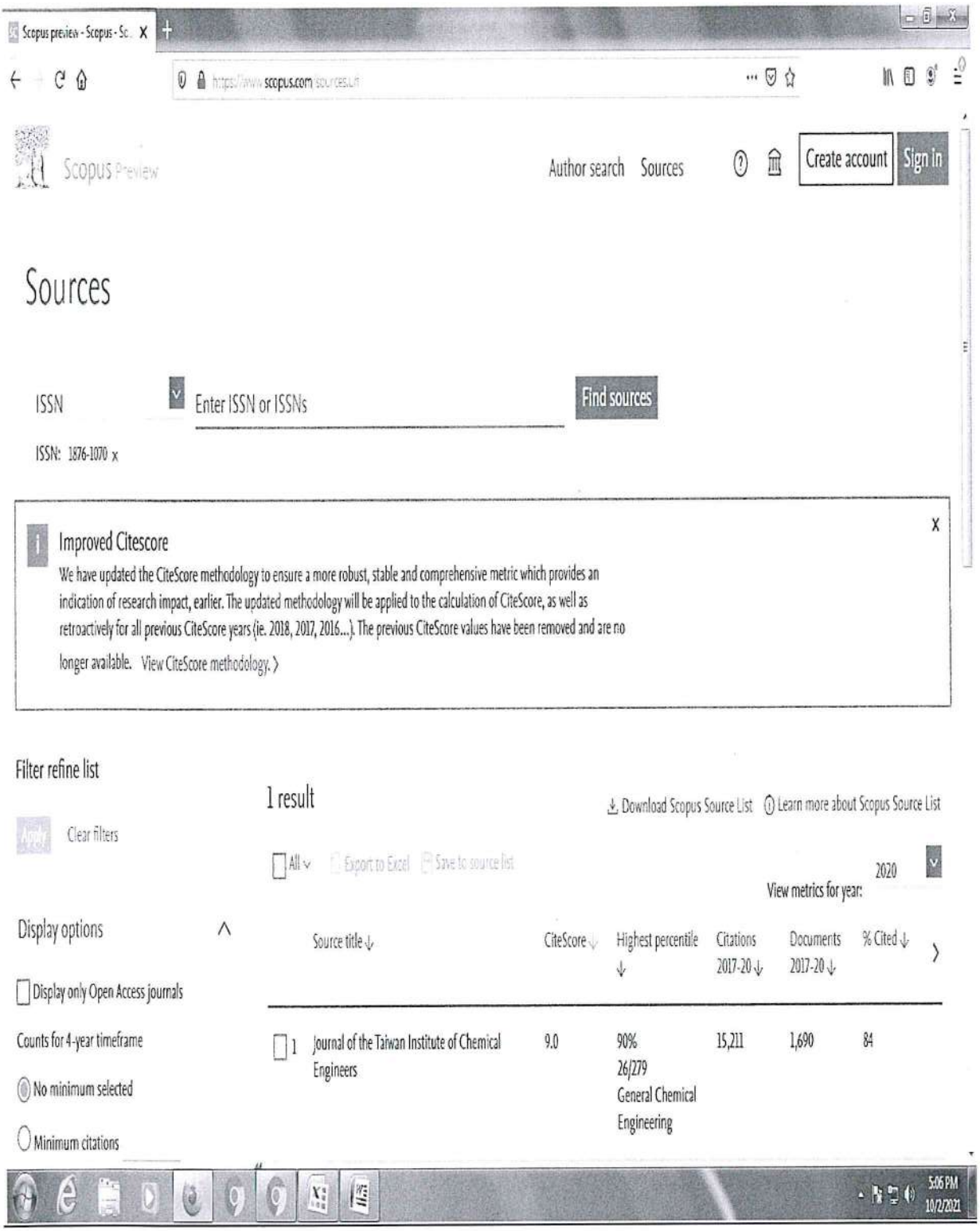

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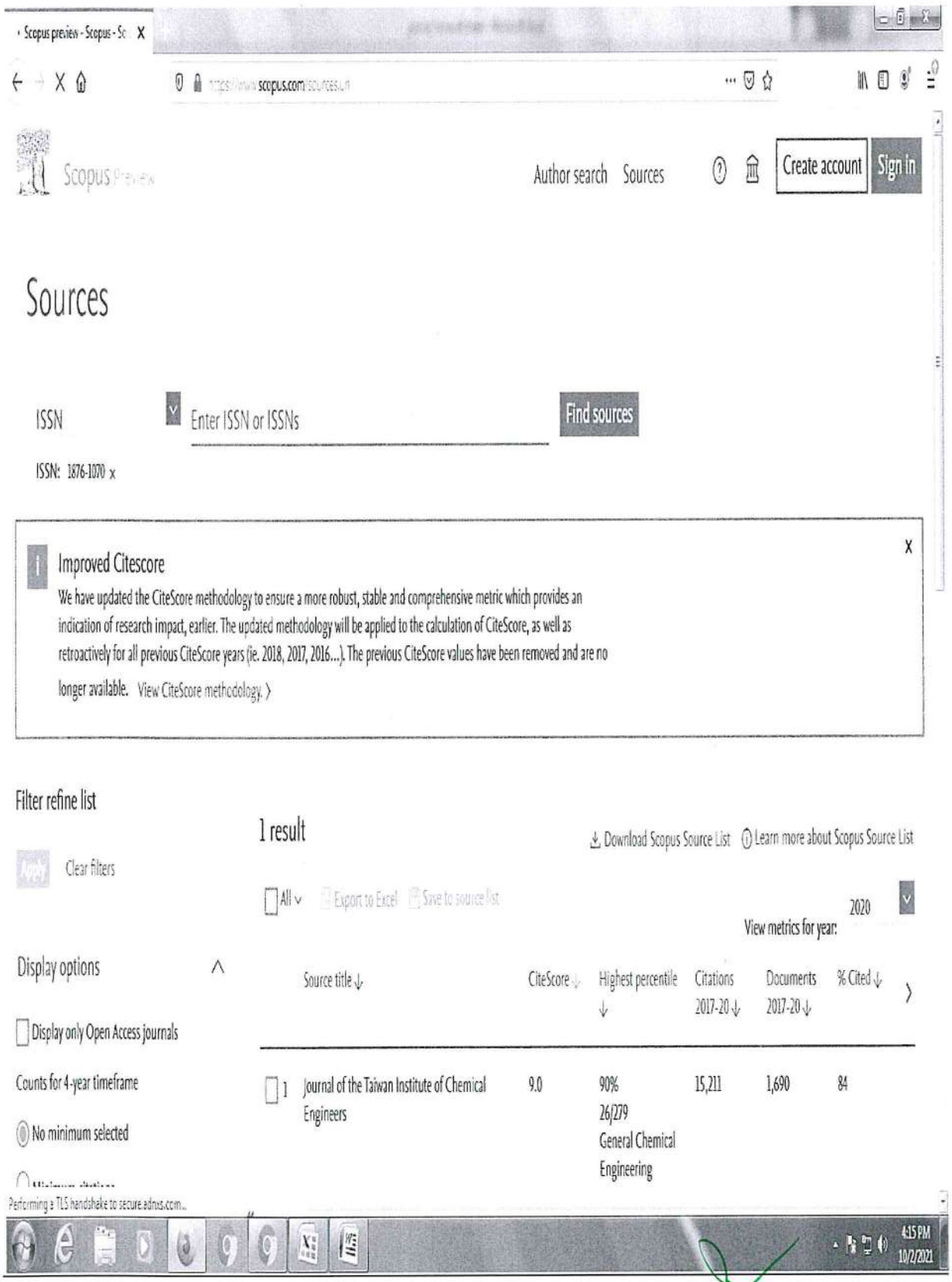

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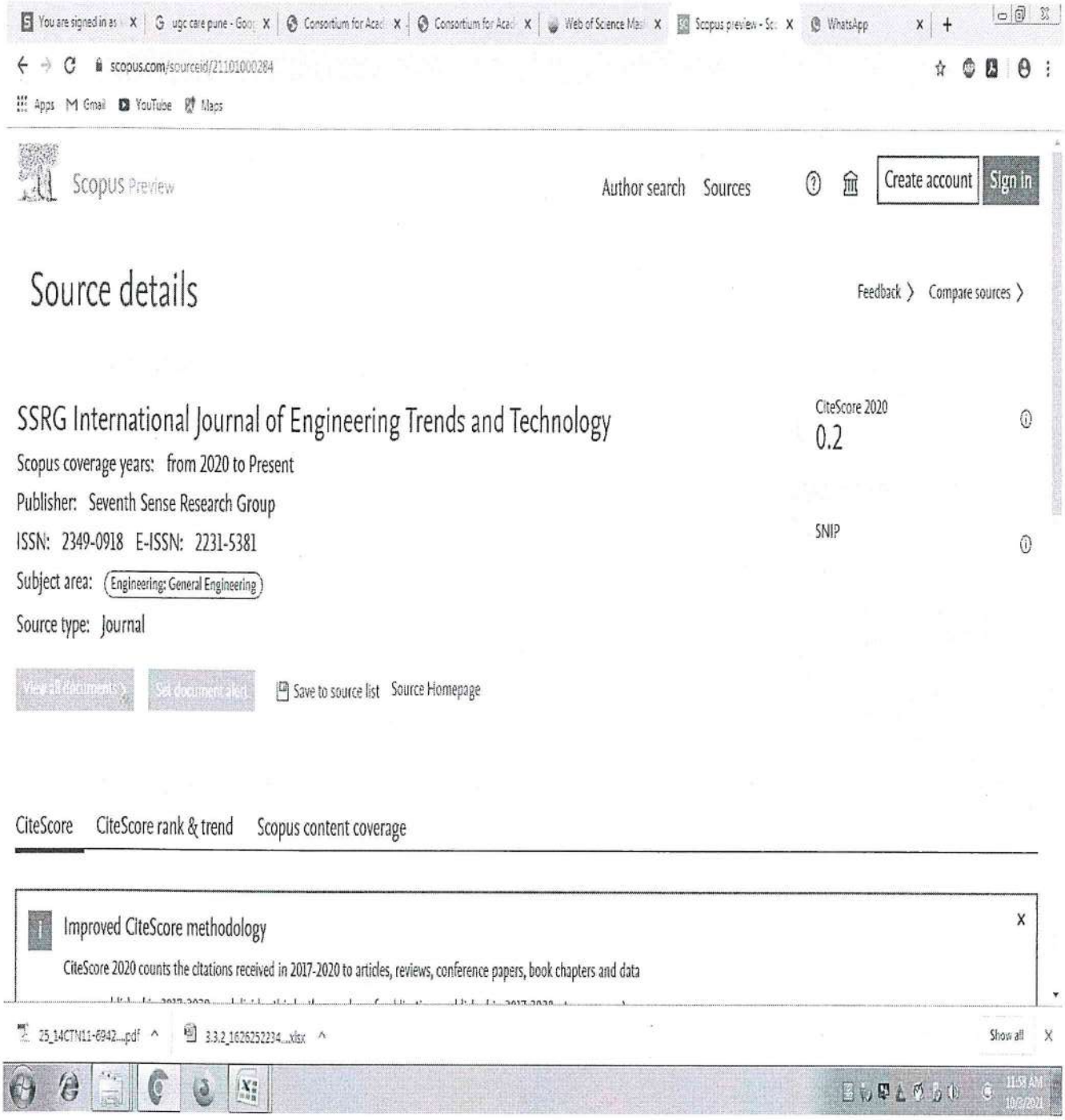
2	Dr.B.Kalaavathi	Enhanced Scheduling Approach Using Heuristics Flow Equilibrium Based Load Balancing Algorithm In Cloud	International Journal of Control Theory and Applications	Volume 9, Issue 2	CSE	40
3	Dr.B.Kalaavathi	Attack Resistant Analysis Using Secure Singular Value Decomposition and Markov Random Field Based on Rotation Scaling Transformation Invariant Image Watermarking for deo Frames	Asian Journal of Information Technology	Volume 15, Issue 17	CSE	41
4	Mrs. P.Vijayalakshmi	A Misdirected Route Avoidance Using Topological Transform Adaptive Relational QOS Routing In Wireless Sensor Network	Asian Journal of Information Technology	Volume 15, Issue 17	CSE	42
5	Dr.K.Gowsic	Resource Optimized Spectral Route Selection Protocol for WMSN Surveillance Application	Asian Journal of Information Technology	Volume 15, Issue 19	CSE	43
6	Dr.R Jeyabharath	A High Step-Up Hybrid DC-DC Converter With Reduced Voltage Stress For Renewable Energy Applications	World Applied Sciences Journal	Volume 34, Issue 7	EEE	44
7	Dr.R Jeyabharath	Fuzzy Controlled Bridgeless CUK Converter Fed Switched Reluctance Motor	Asian Journal of Information Technology	Volume 15, Issue 22	EEE	45
8	Dr.R Jeyabharath	Evolutionary Computing Technique for Torque Ripple Minimization of 8/6 Switched Reluctance Motor	Advances in Natural and Applied Sciences	Volume 10, Issue 8	EEE	46
9	Dr.R Jeyabharath	Performance Analysis and Speed Regulation Estimation of SR Motor Using FT-ANN Controller With Steady State Stability and FFT Analysis	Middle-East Journal of Scientific Research	Volume 24, Issue 12	EEE	47

10	Dr.P.Veena	A High Step-Up Hybrid DC-DC Converter With Reduced Voltage Stress for Renewable Energy Applications	World Applied Sciences Journal	Volume 34, Issue 7	EEE	48
11	Dr.P.Veena	Fuzzy Controlled Bridgeless CUK Converter Fed Switched Reluctance Motor	Asian Journal of Information Technology	Volume 15, Issue 22	EEE	49
12	Dr.P.Veena	Evolutionary Computing Technique for Torque Ripple Minimization of 8/6 Switched Reluctance Motor	Advances in Natural and Applied Sciences	Volume 10, Issue 8	EEE	50
13	Mr.T Srihari	Evolutionary Computing Technique for Torque Ripple Minimization of 8/6 Switched Reluctance Motor	Advances in Natural and Applied Sciences	Volume 10, Issue 8	EEE	51
14	Mr.A.Murugesan	Performance Analysis and Speed Regulation Estimation of SR Motor Using FT-ANN Controller With Steady State Stability and FFT Analysis	Middle-East Journal of Scientific Research	Volume 24, Issue 12	EEE	52
15	Mr. R.Nandakumar	Analysis of Abnormalities in Common Carotid Artery Images Using Multiwavelets	ICTACT Journal on Image and Video Processing	Volume 07, Issue 02	ECE	53
16	Dr. N.Lalithamani	Analyzed on Domination and Diameter In Graphs	International Journal of Applied Research	Volume 11, Issue 01	Mathematics	54
17	Dr. N.Lalithamani	Edge Regular Property of Complement and Meu Complement of A Fuzzy Graph and Edge Adjacency Sequence In Fuzzy Graph	International Journal of Pure and Applied Mathematics	Volume 107, No 03	Mathematics	55



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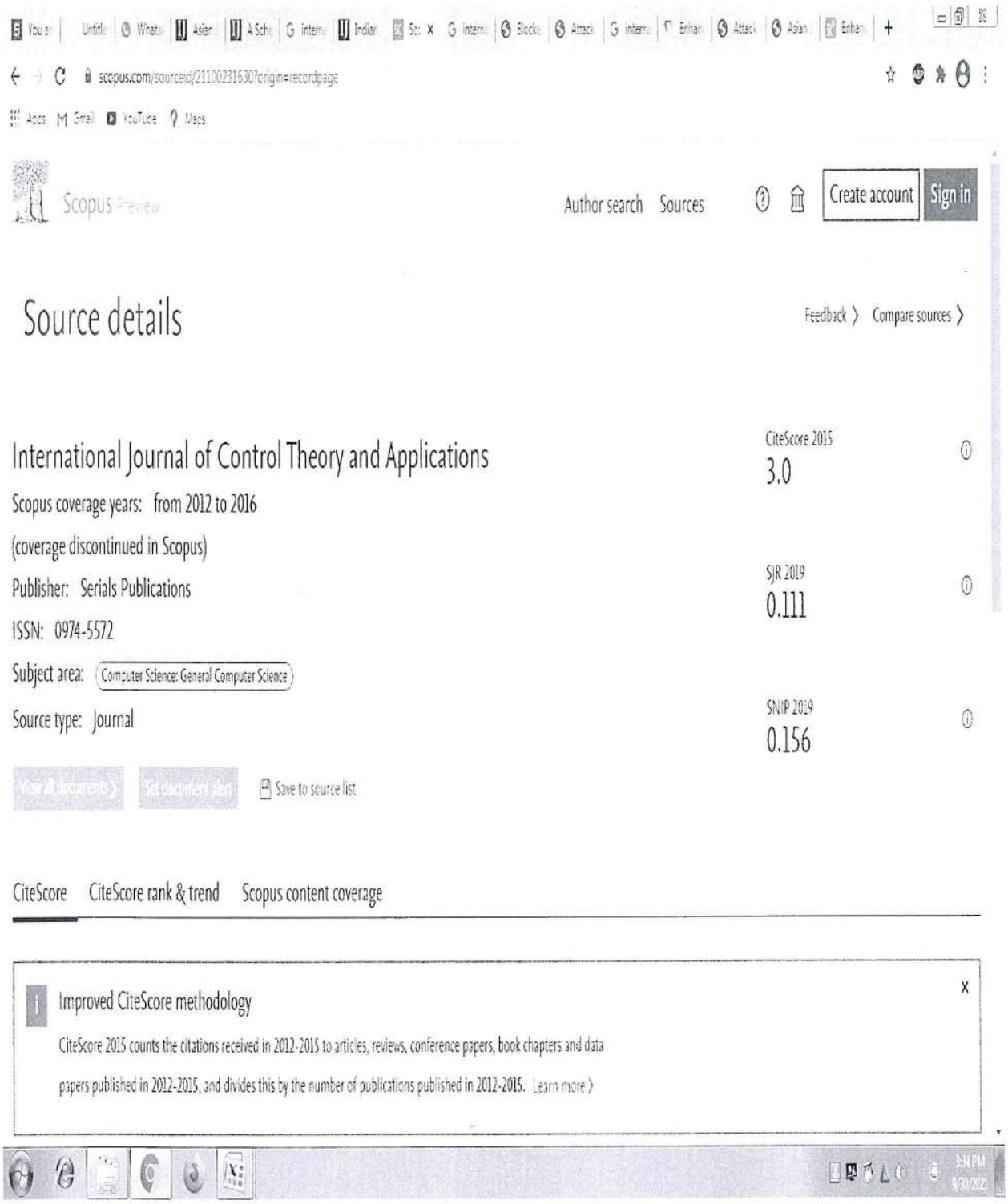

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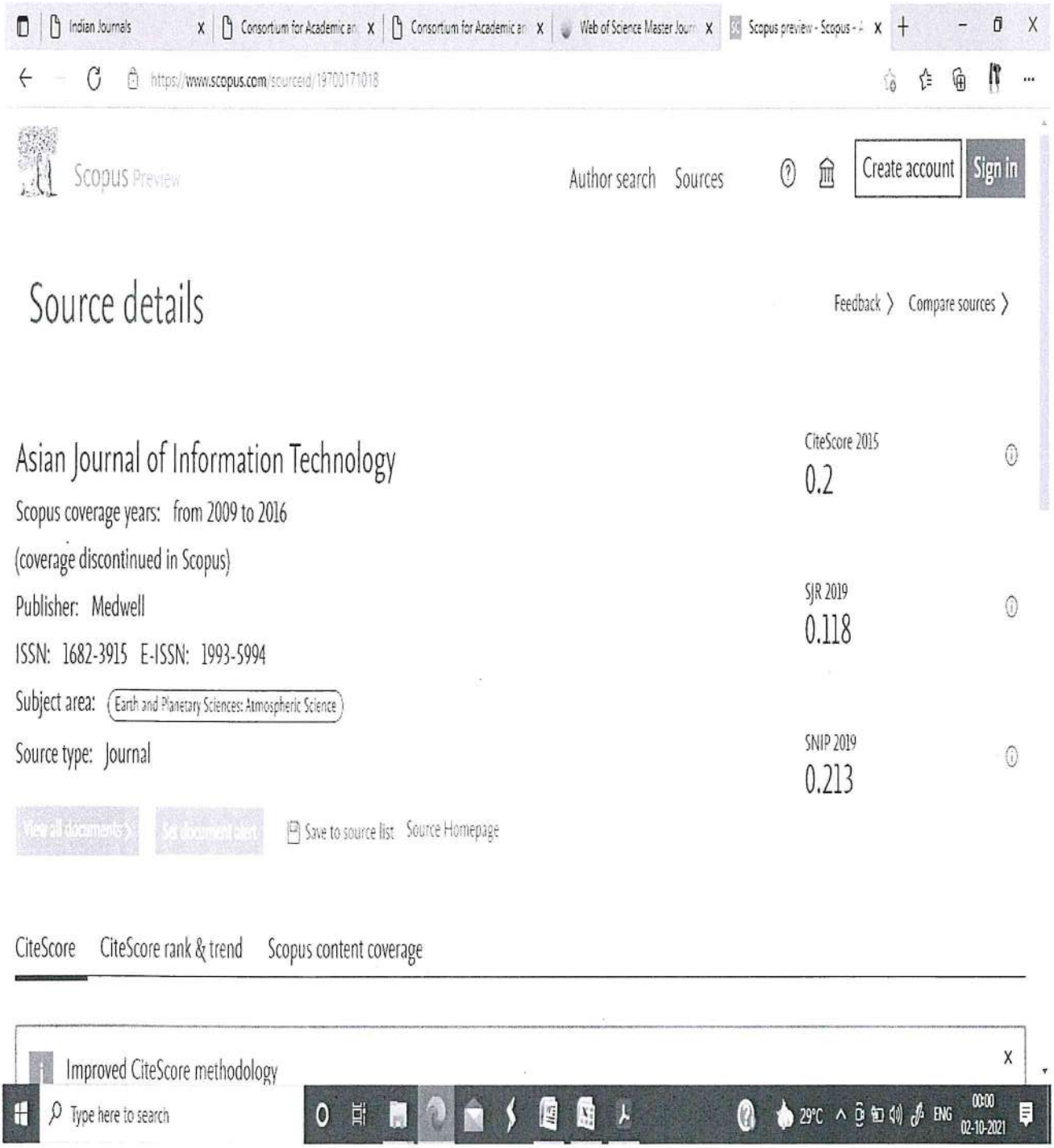

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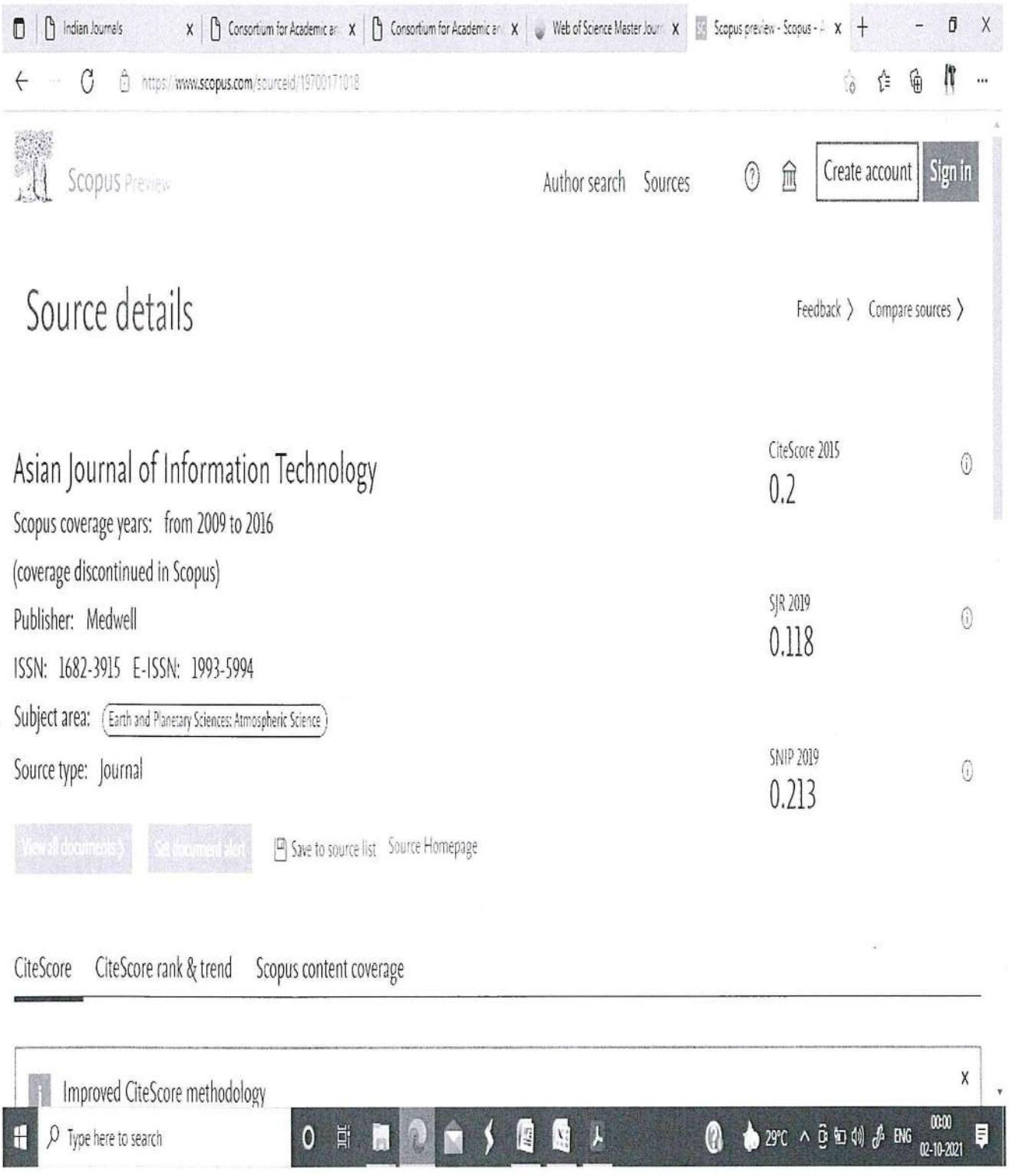

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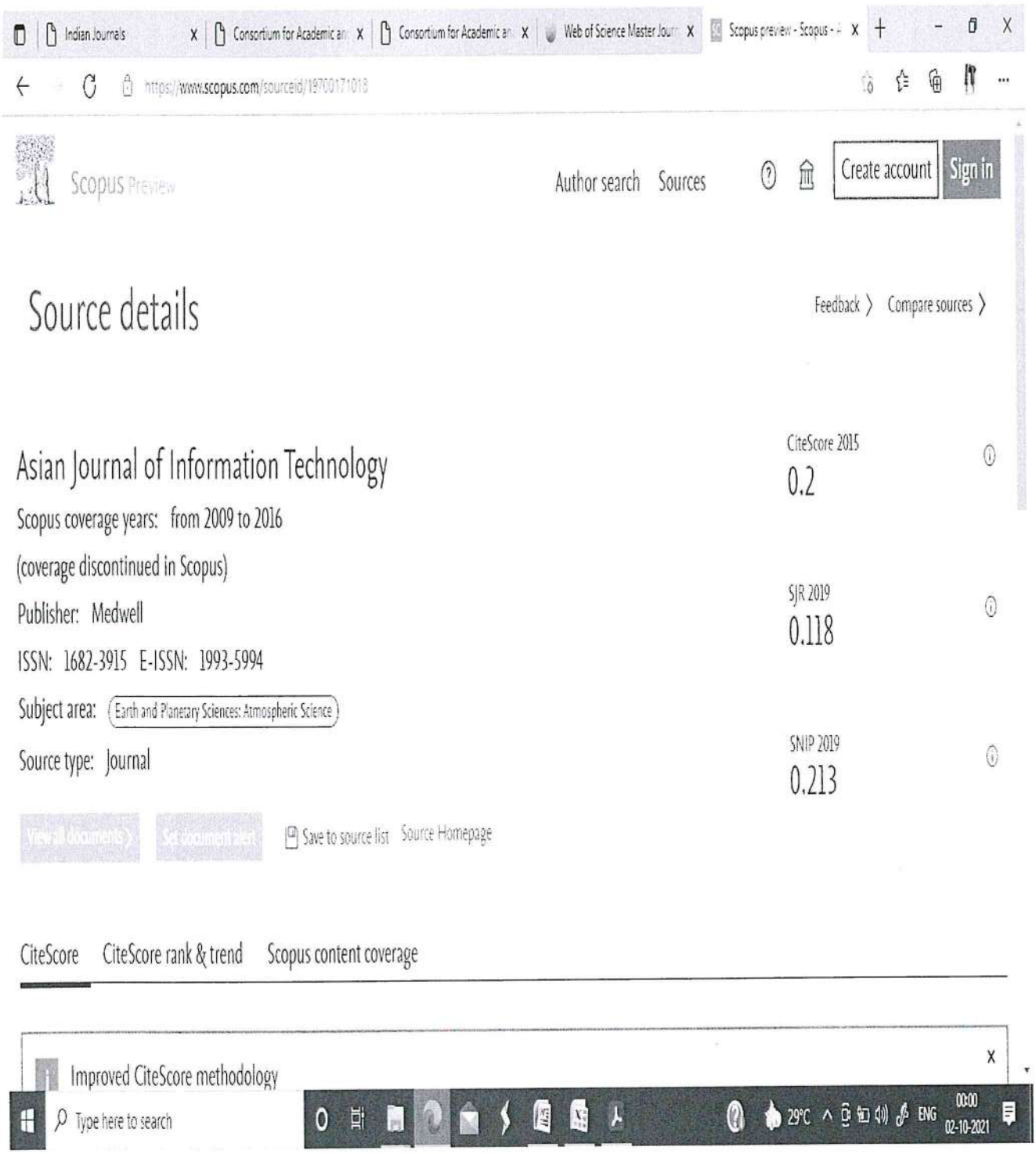

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A high step-up hybrid dc-dc converter with reduced voltage stress for renewable energy applications

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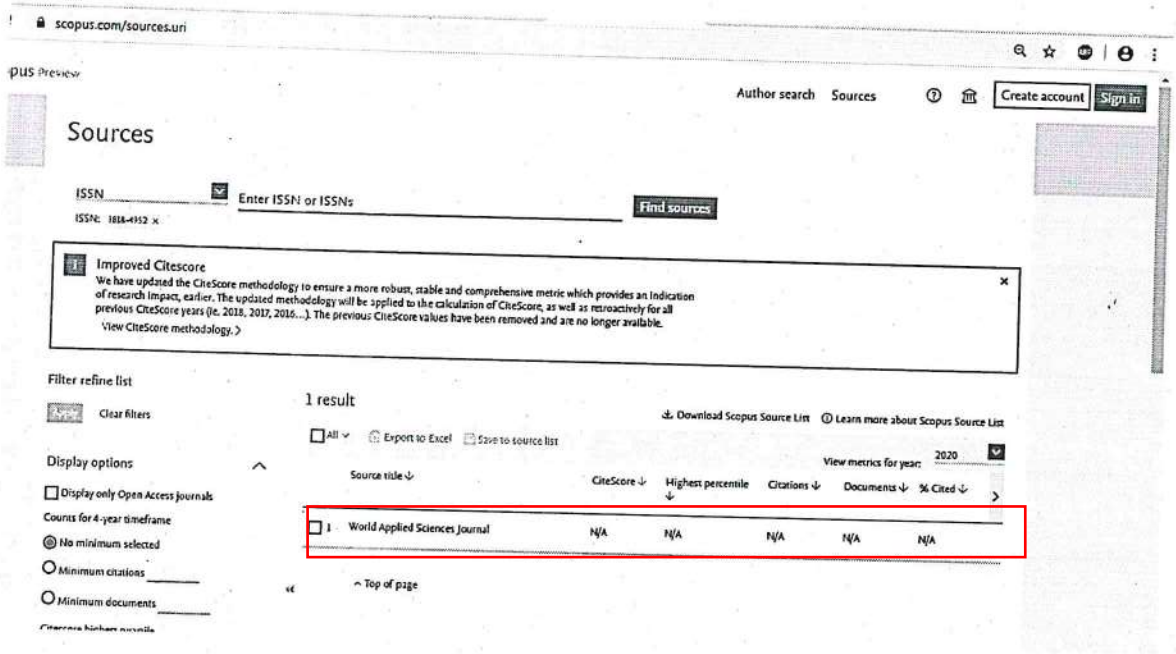

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Fuzzy Controlled Bridgeless Cuk Converter Fed Switched Reluctance Motor

Asian Journal of Information Technology

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Evolutionary computing technique for torque ripple minimization of 8/6 switched reluctance motor

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Performance Analysis and Speed Regulation Estimation of SR Motor Using FT-ANN Controller with Steady State Stability and FFT Analysis

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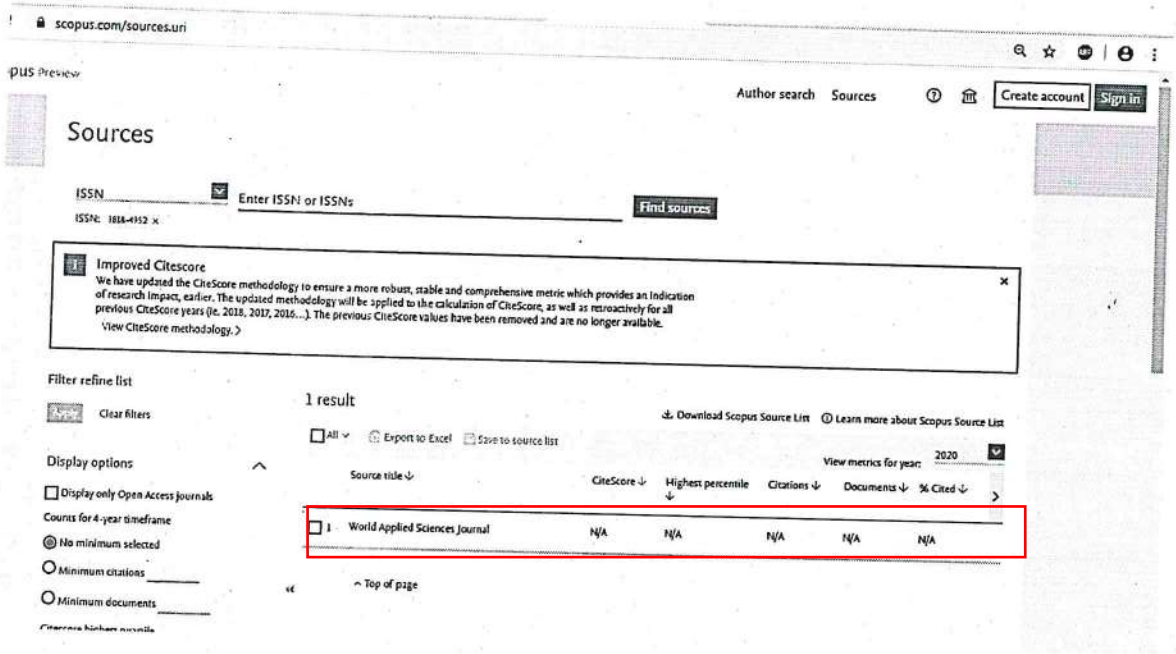

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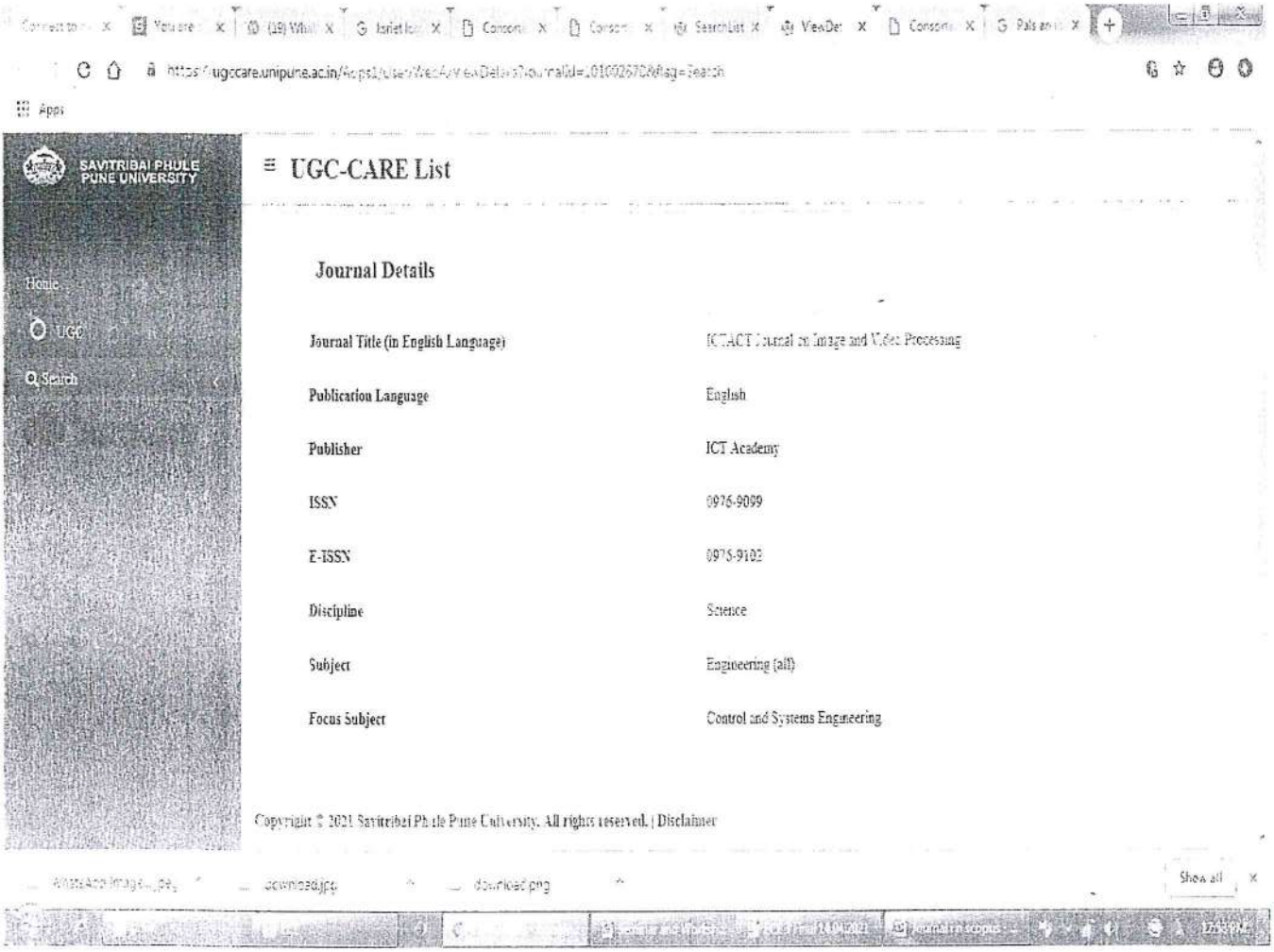

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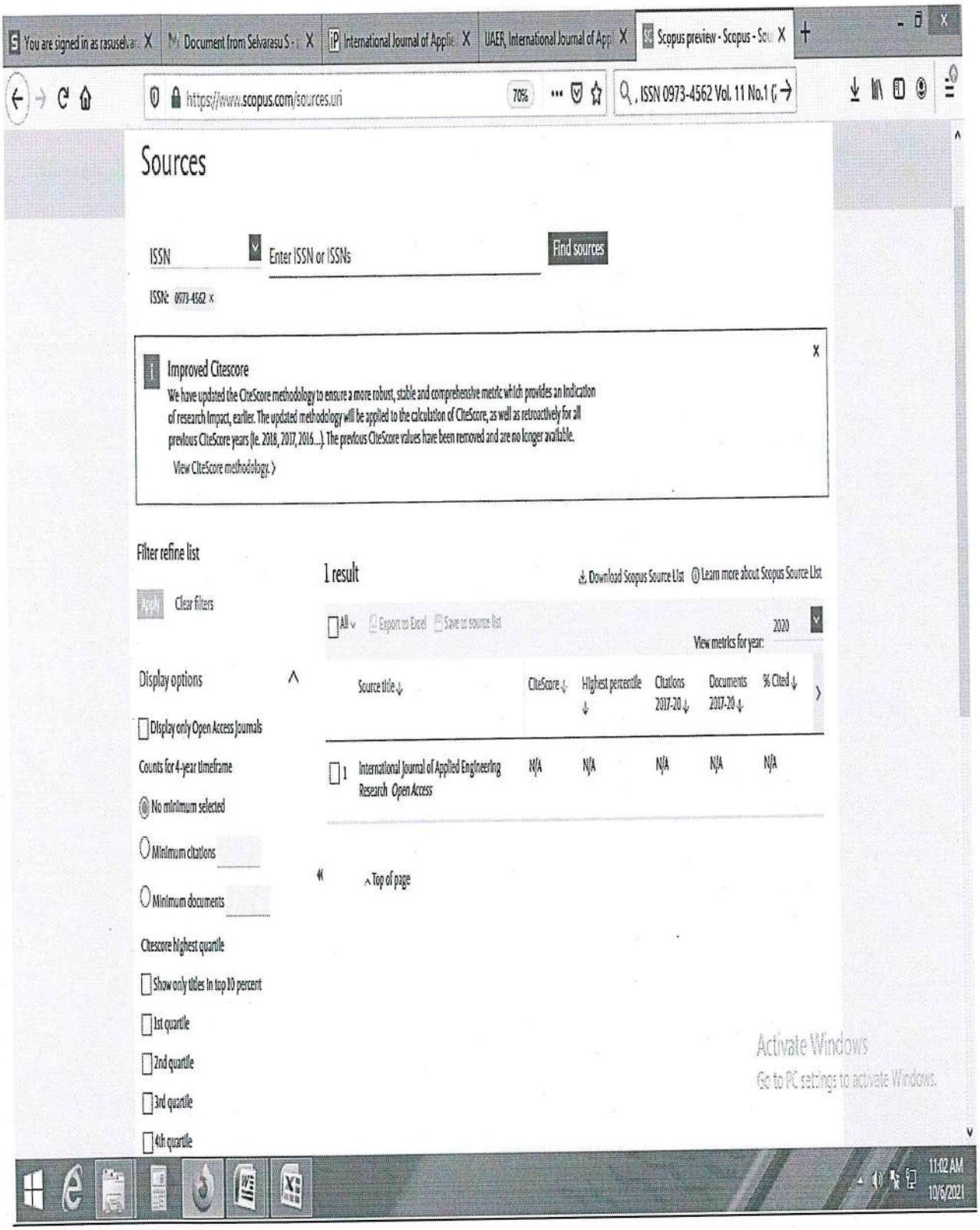

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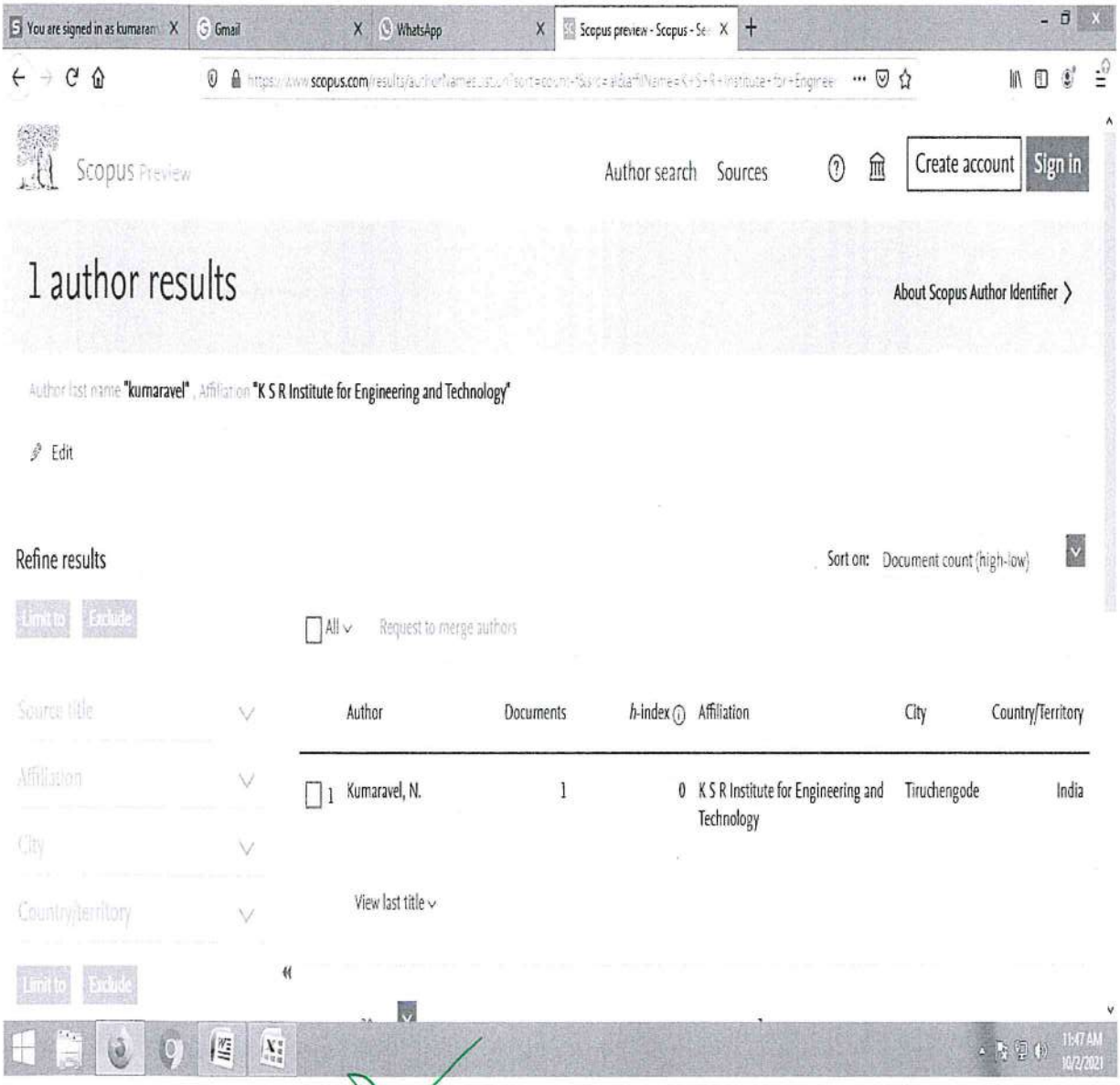

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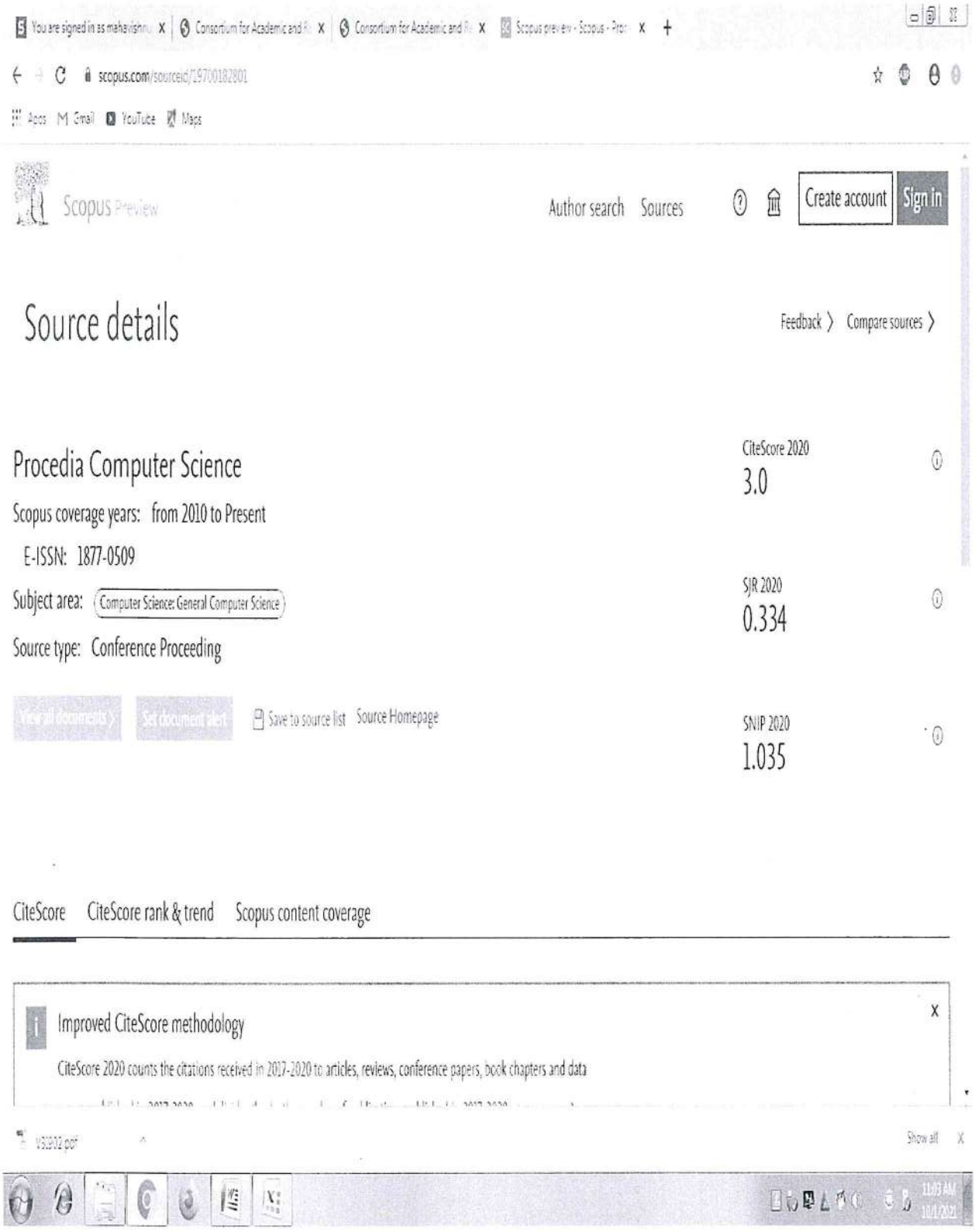
List of Research Papers per Teachers in the journals notified on UGC website during the year 2015

Sl.NO	NAME OF THE FACULTY	TITLE OF PAPER	NAME OF JOURNAL	VOLUME	NAME OF THE DEPARTMENT	PAGE NO
1	Dr.M. Venkatesan	Advanced Automated Module for Smart and Secure City	Procedia Computer Science, Elsevier	Volume 78,Issue 3	CSE	59
2	Dr.B.Kalaavathi	Estimating theVideo Watermark Quality using SVD	International Journal of Applied Engineering Research	Volume 10, Issue 7	CSE	60
3	Dr.B.Kalaavathi	Reserving Room before Encryption for Reversible Data Hiding with Scan Encryption	International Journal of Applied Engineering Research	Volume 10, Issue 3	CSE	61
4	Dr.B.Kalaavathi	An Optimized User Behavior Prediction Model Using Genetic Algorithm on Mobile Web Structure	KSII Transactions On Internet And Information Systems	Volume 9, Issue 5	CSE	62
5	Dr.B. Kalaavathi	Regional Firing Characteristic of PCNN Based Multimodal Medical Image Fusion In NSCT Domain	International Journal of Biomedical Engineering and Technology	Volume 18, Issue 3	CSE	63
6	Dr.R.Jeyabharath	A Single Phase High Efficient Transformerless Inverter for PV Grid Connected Power System Using ISPWM Technique	International Journal of Applied Engineering Research	Volume 10, No.9	EEE	64
7	Dr.R.Jeyabharath	An Approach of PFC in BLDC Motor Drives Using BLSEPIC Converter	Indonesian Journal of Electrical Engineering and Computer Scien	Volume 14, No.2	EEE	65
8	Dr.P Veena	New Single Phase Bridgeless CUK Converter Topology for Power Factor Enhancement based on Fuzzy Logic Control	Journal of Circuits, Systems and Computers	Volume 24, No.7	EEE	66
9	Dr.P Veena	Induction Motor Characteristics Study using Laboratory Instrument Engineering Workbench	Indonesian Journal of Electrical Engineering and Computer Science	Volume 15, No.1	EEE	67

10	Dr.P Veena	Analysis of Direct Current Motor in LabVIEW	WASET, International Journal of Electrical and Computer Engineering	Volume 9, No.5	EEE	68
11	Dr.P Veena	Induction Motor Analysis using LabVIEW	International Journal of Electrical and Computer Engineering	Volume 9, No.5	EEE	69
12	Mr.S. Velmurugan	Linear Binary Pattern Based Biometric Recognition Using Hand Geometry and Iris Images	International Journal of Applied Engineering Research	Volume 10, No.24	EEE	70
13	Mr. R.Nandakumar	Mathematical Modeling of Common Carotid Artery using Polynomial Interpolation by Automated lumen Segmentation and Estimation of Numerical Attributes	International Journal of Applied Engineering Research	Volume 10, No.20	ECE	71
14	Dr. P.Meenakshi Devi	Energy Aware Intrusion Detection System for MANETs	International Journal of Applied Engineering Research	Volume 10, No.29	IT	72
15	Ms. S.Russia	Improving the Accuracy of Intrusion Detection Systems In Mobile Adhoc Network Using Fuzzy Logic Method	International Journal of Applied Engineering Research	Volume 10, No.7	IT	73
16	Ms. S.Russia	Trust Based Multipath Authentication Protocol for MANET	International Journal of Applied Engineering Research	Volume 10, No.88	IT	74
17	Dr.J.C. Kannan	Microwave assisted Synthesis and Characterization of Cu2+ doped ZnO Nano particles	Pharm Tech Research CODEN (USA)	Volume 9, No.3	Physics	75
18	Dr.J.C. Kannan	Antifungal Activity of Pure and Aluminium Doped Zinc Oxide Nanoparticles against Aspergillus Nigar and Aspergillus Flavus	International Journal of PharmTech Research CODEN (USA):	Volume 7, No.2	Physics	76
19	Mr.D.Madhan	Influence of Zn doping on Structural, Optical and Photocatalytic activity of WO_3 Nanoparticles by a Novel Microwave Irradiation Technique	Journal of Materials Science: Materials in Electronics	Volume 26, No.9	Physics	77

20	Mr.D.Madhan	One-step Synthesis, Characterization and Visible Light Photocatalytic Activity of Pure and Zn doped SnO_2 Nanoparticles	Applied Physics A	Volume 120, No.2	Physics	78
21	Mr.D.Madhan	Effect of Tungsten (W6+) Metal Ion Dopant On Structural, Optical And Photocatalyticactivity of SnO2 Nanoparticles By A Novel Microwave Method	Journal of Materials Science: Materials in Electronics.	Volume 27, No.3	Physics	79



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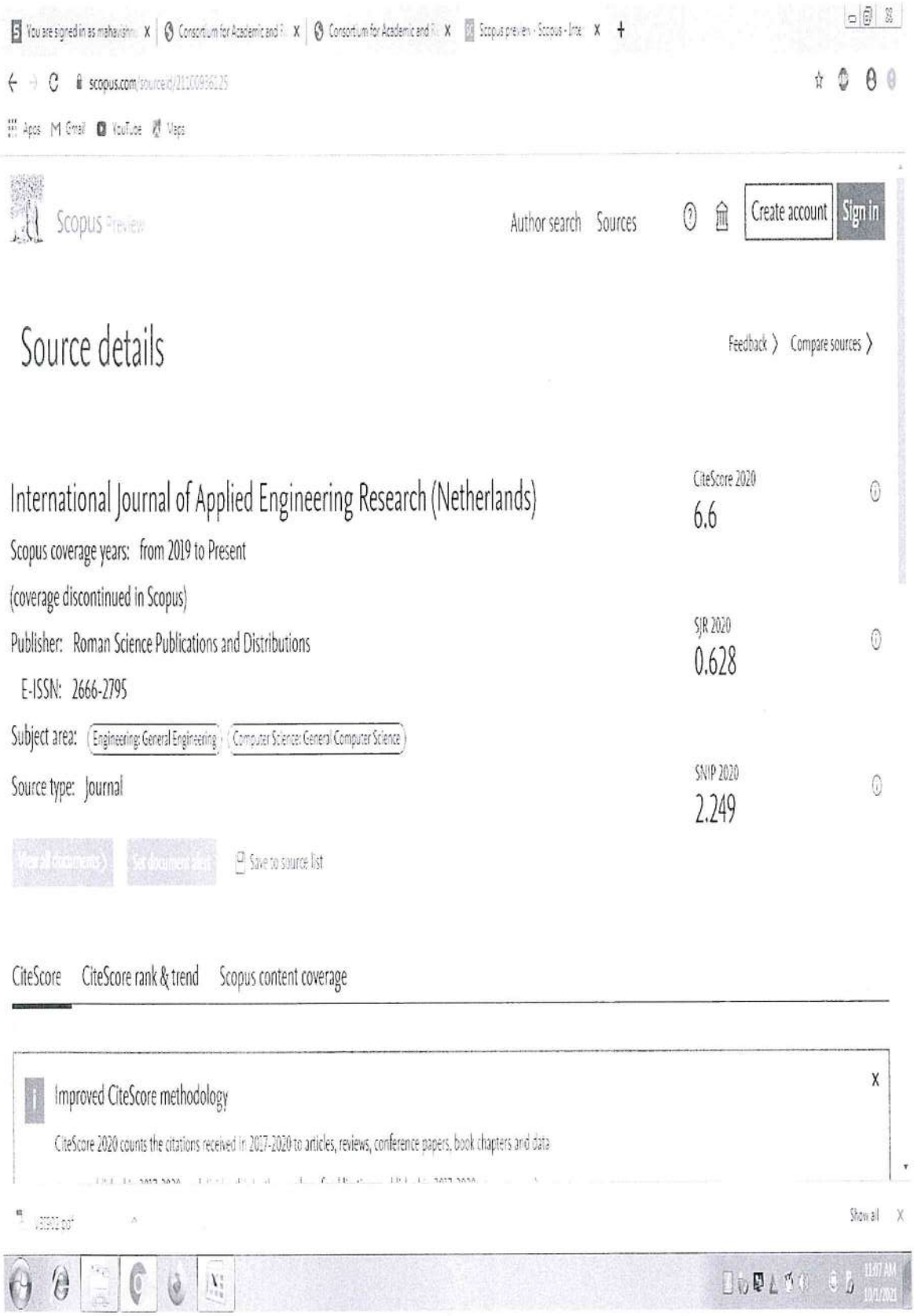

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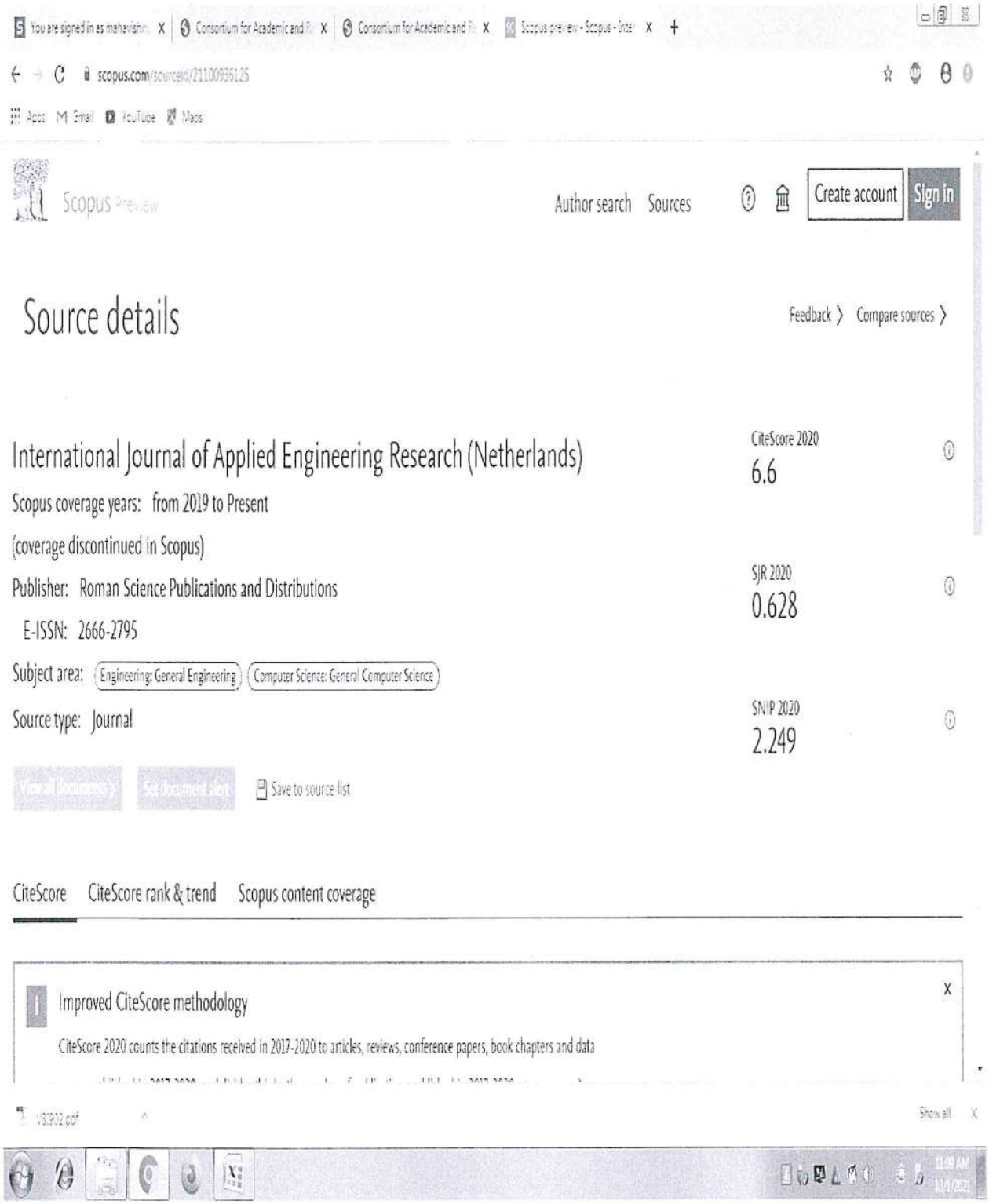

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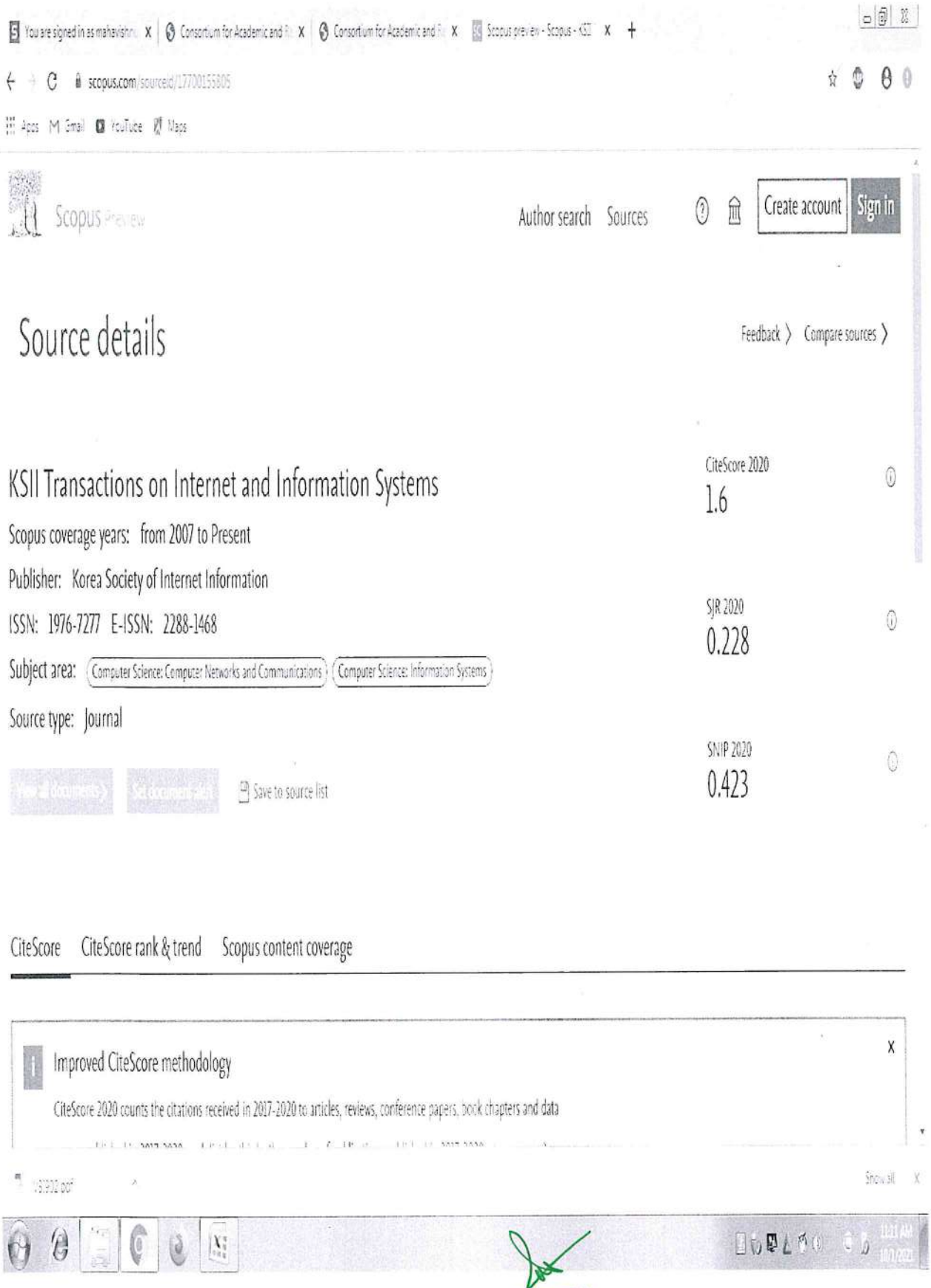

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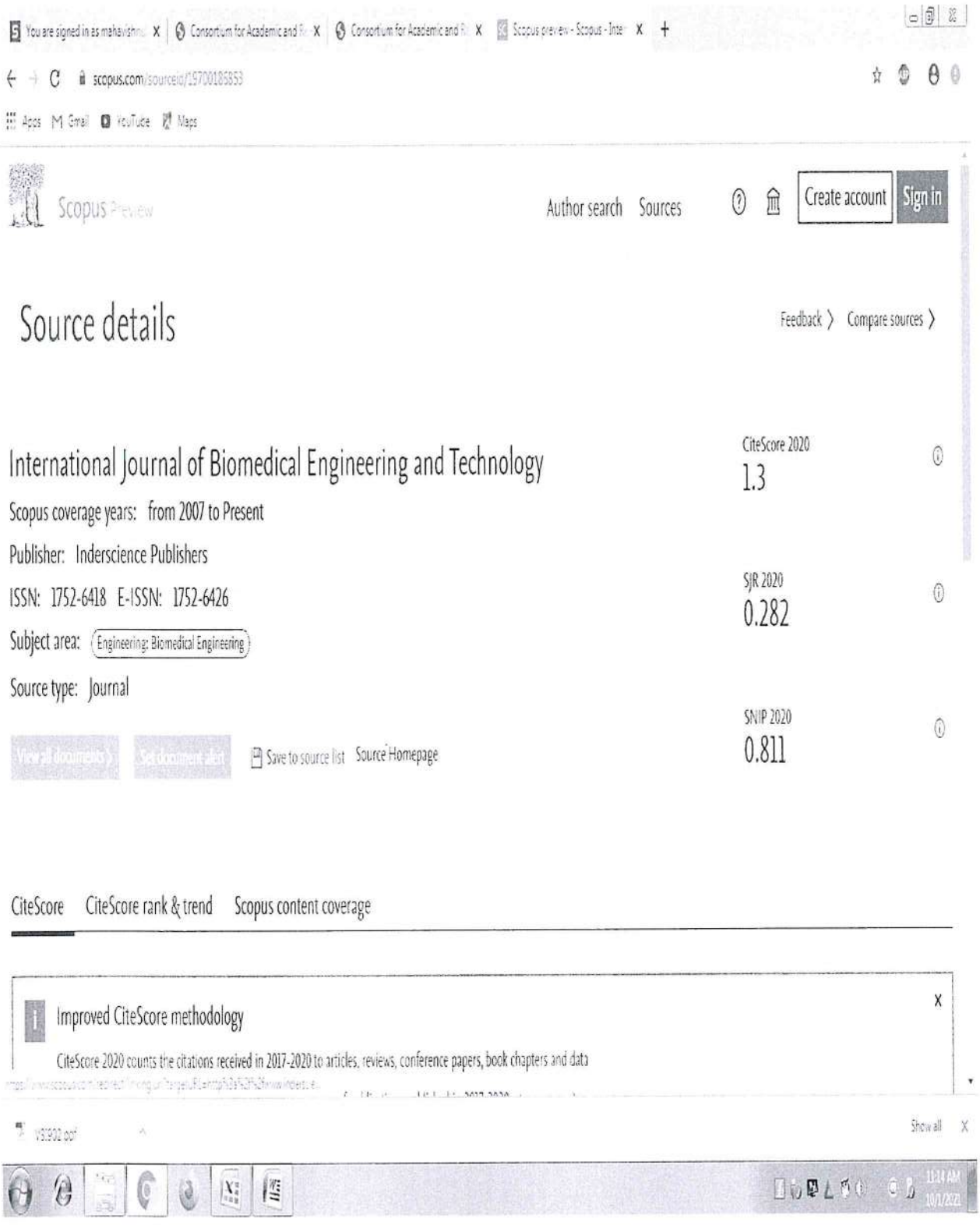

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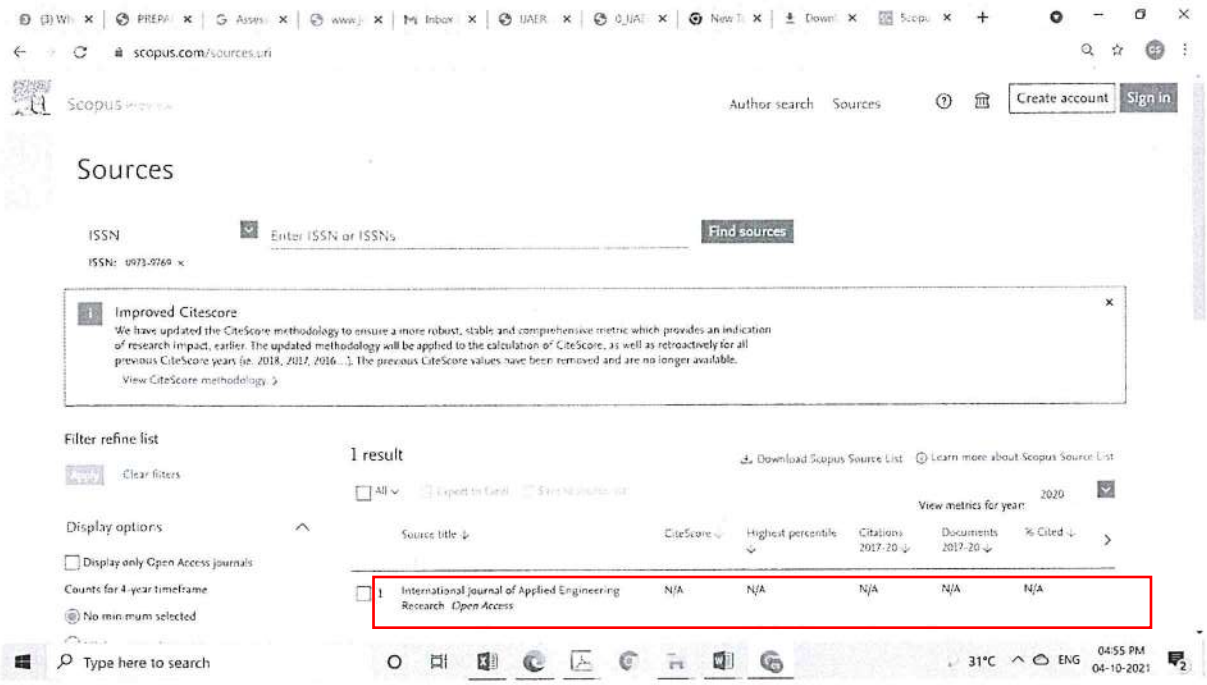
A Single Phase High Efficient Transformerless Inverter for PV Grid Connected Power System using ISPWM Technique

International Journal of Applied Engineering Research



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An Approach of PFC in BLDC Motor Drives Using BLSEPIC Converter
Indonesian Journal of Electrical Engineering and Computer Science

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New single phase bridgeless CUK converter topology for power factor enhancement based on fuzzy logic control

Journal of Circuits, Systems and Computers

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Induction Motor Characteristics Study using Laboratory Instrument Engineering Workbench

Indonesian Journal of Electrical Engineering and Computer Science

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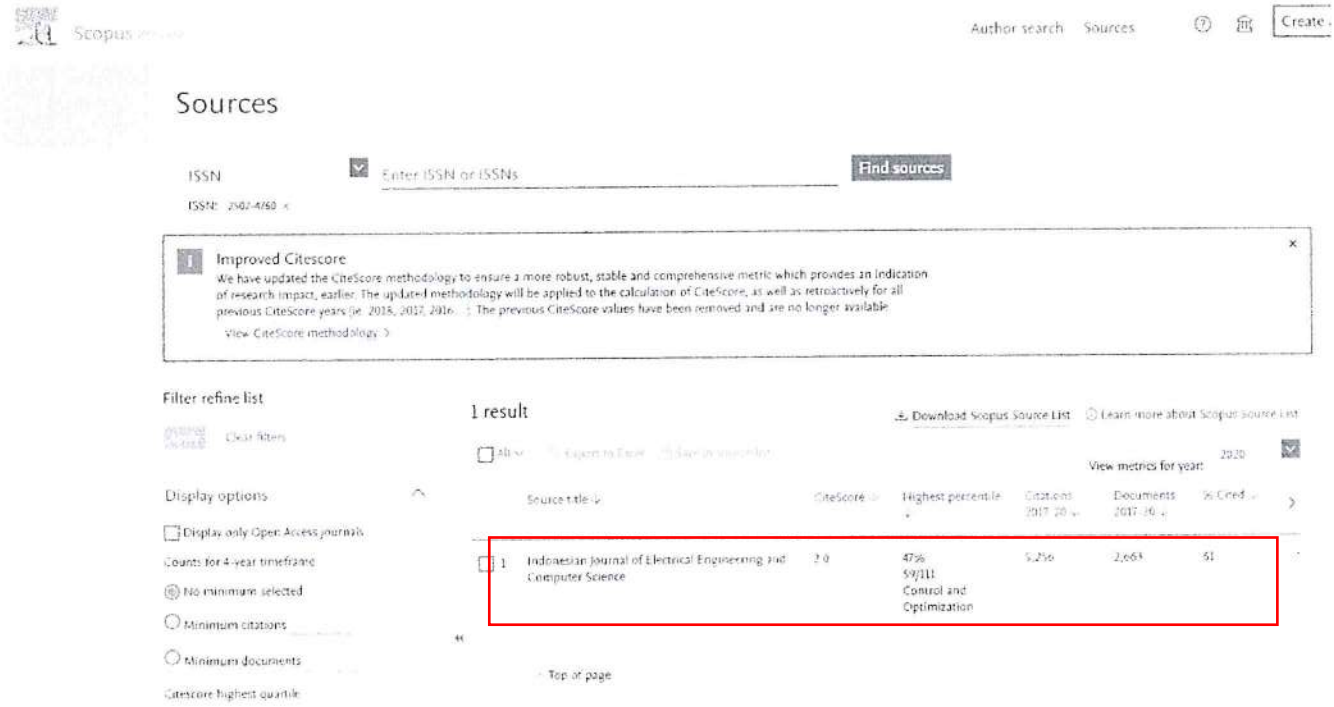

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Analysis of Direct Current Motor in LabVIEW

WASET, International Journal of Electrical and Computer Engineering

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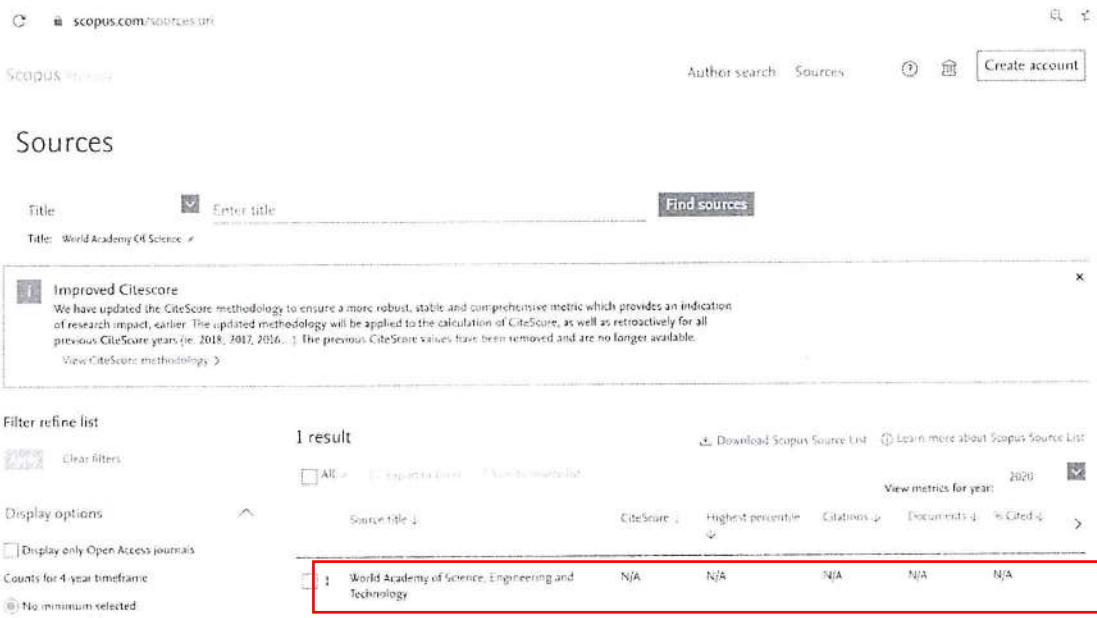

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Linear Binary Pattern Based Biometric Recognition

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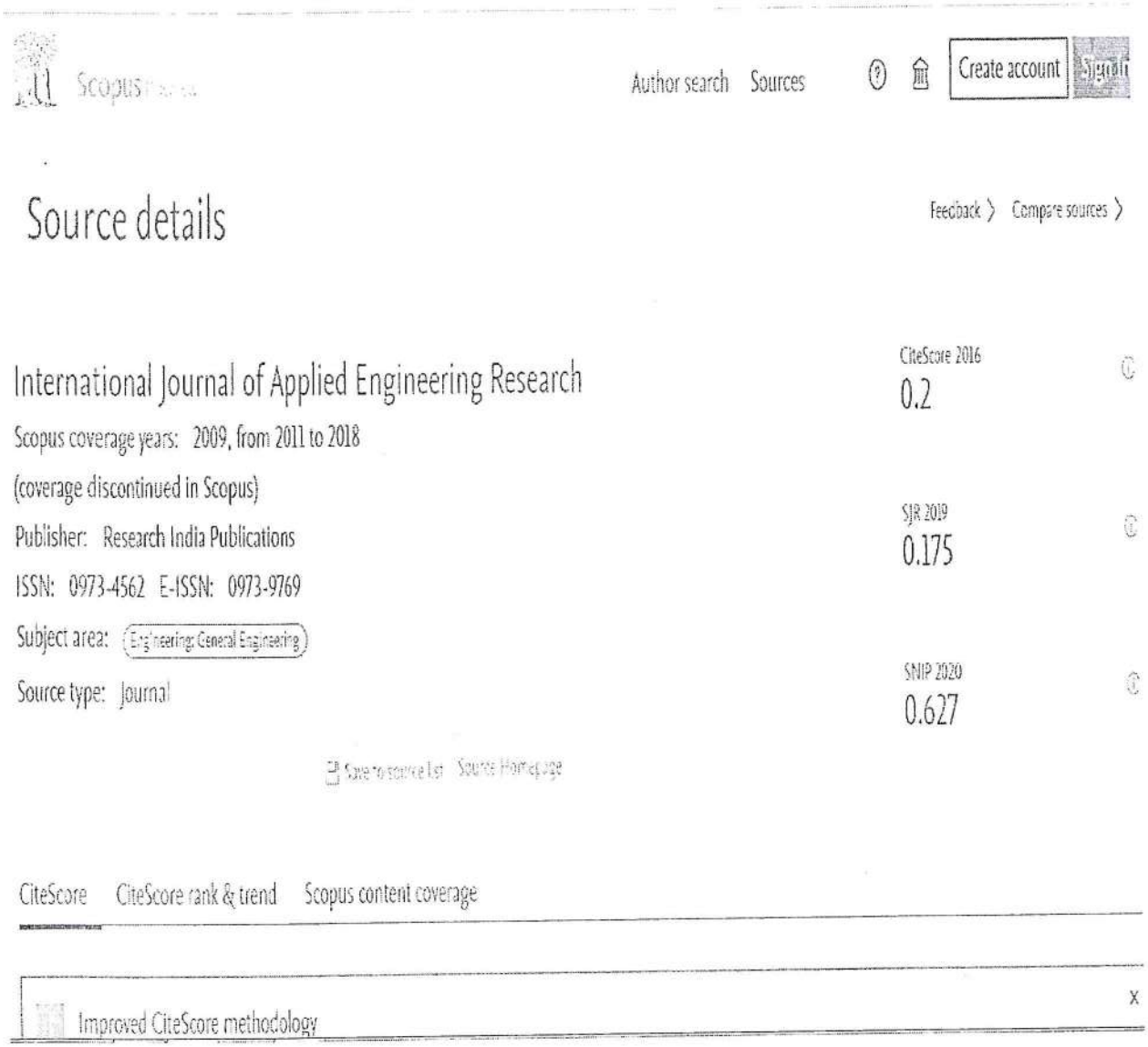

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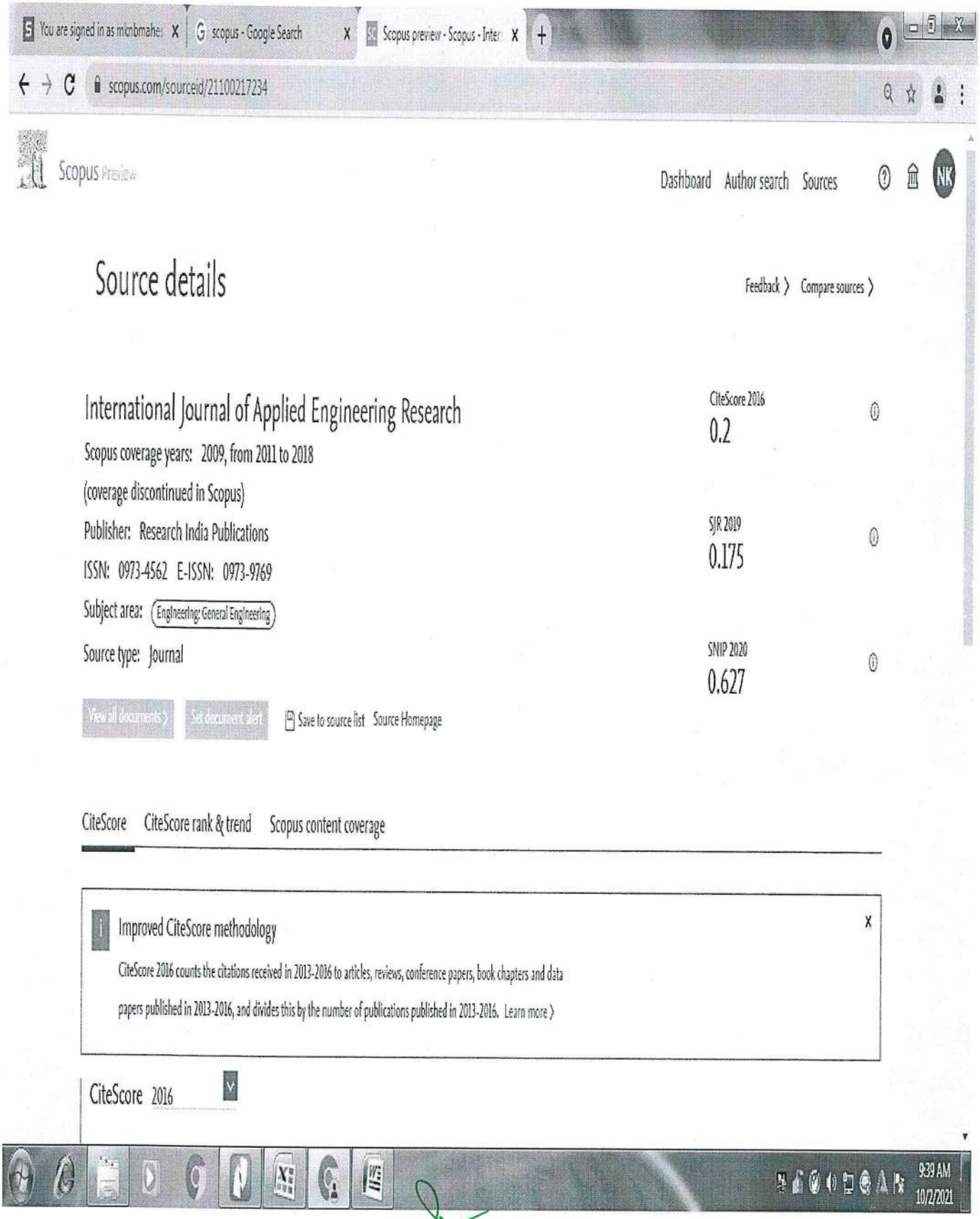

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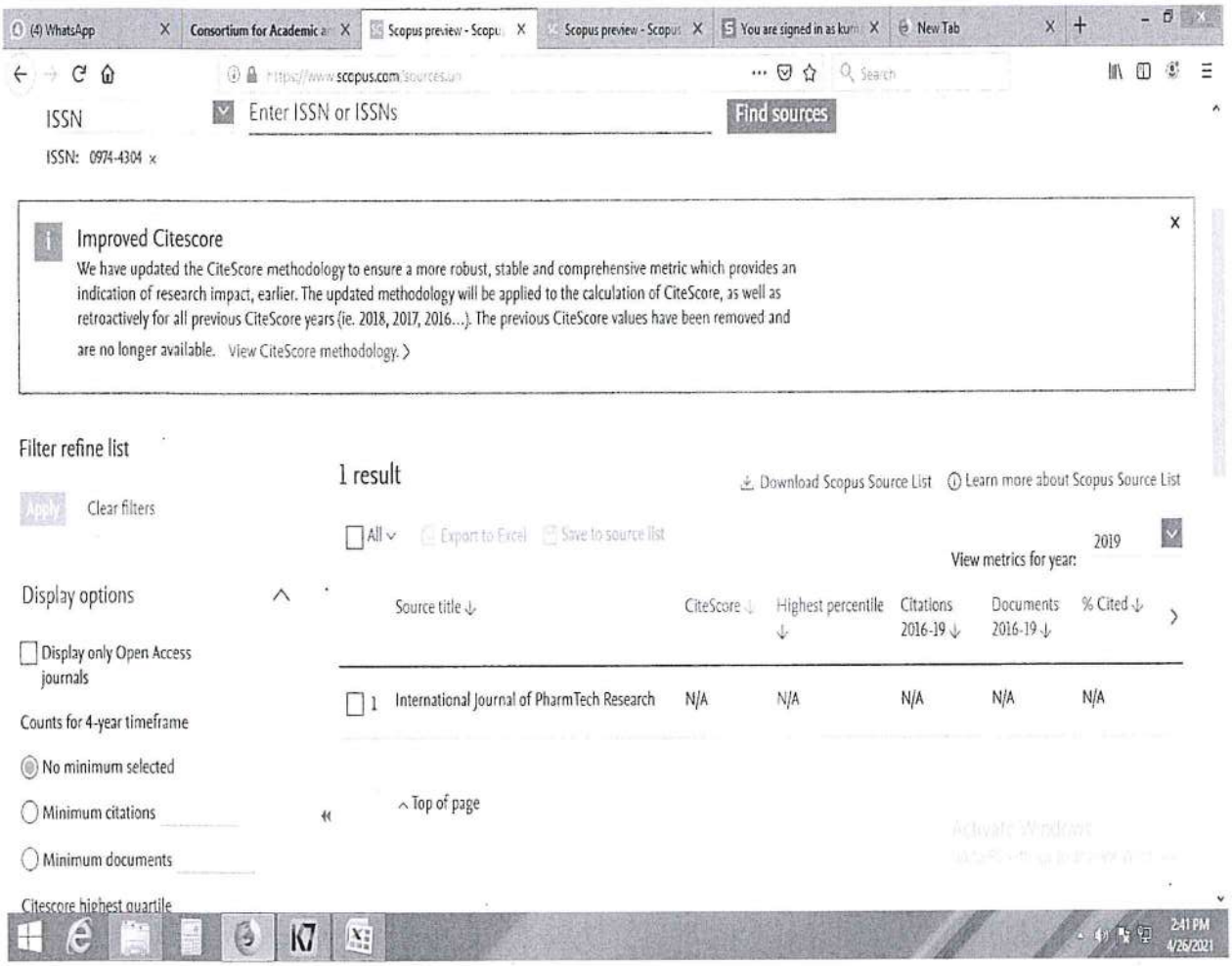

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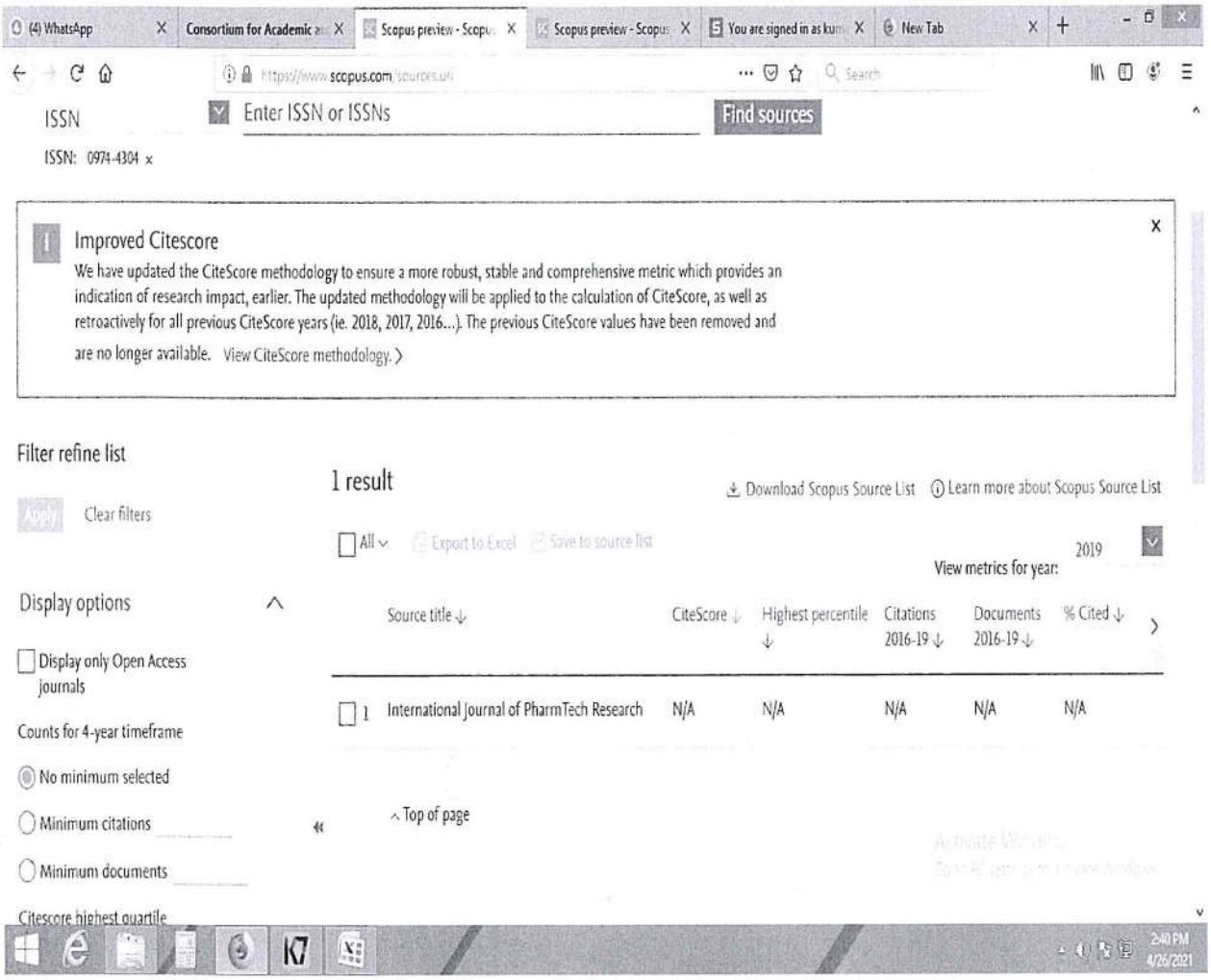

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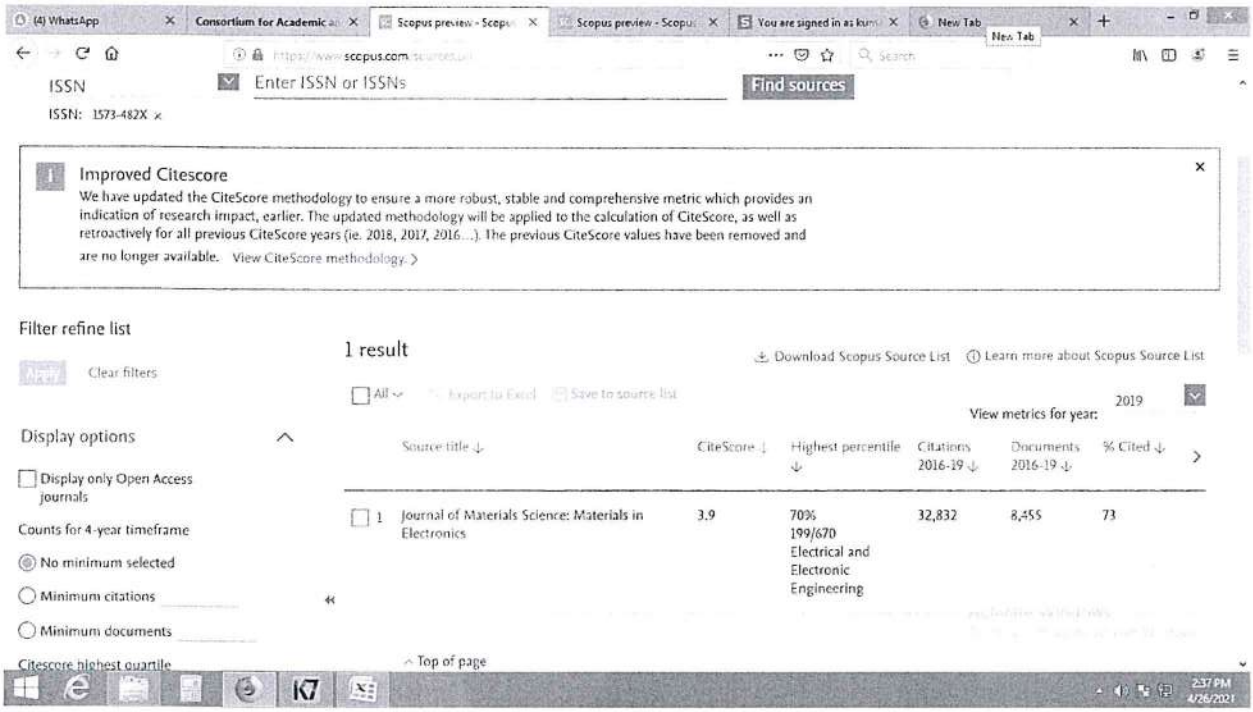

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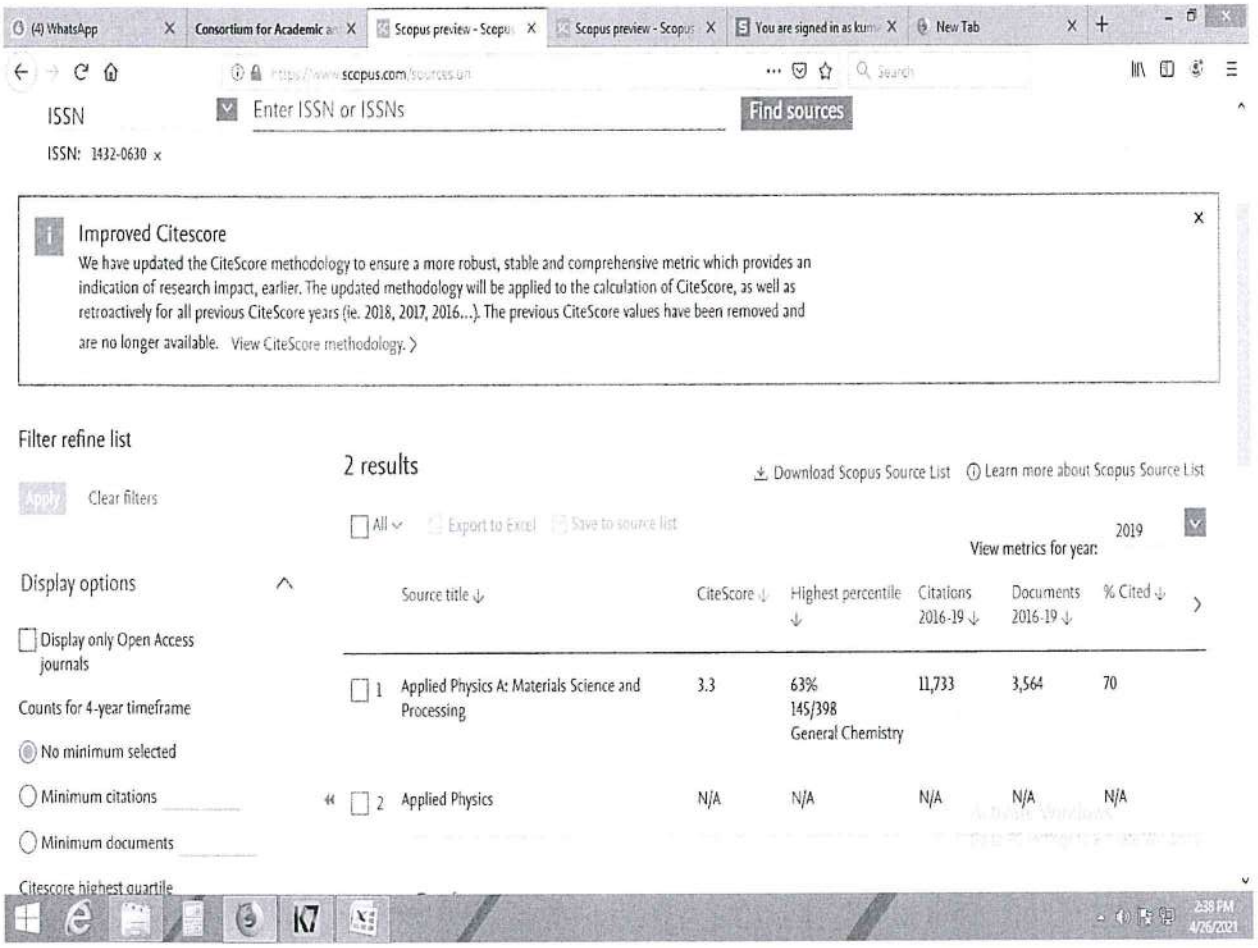

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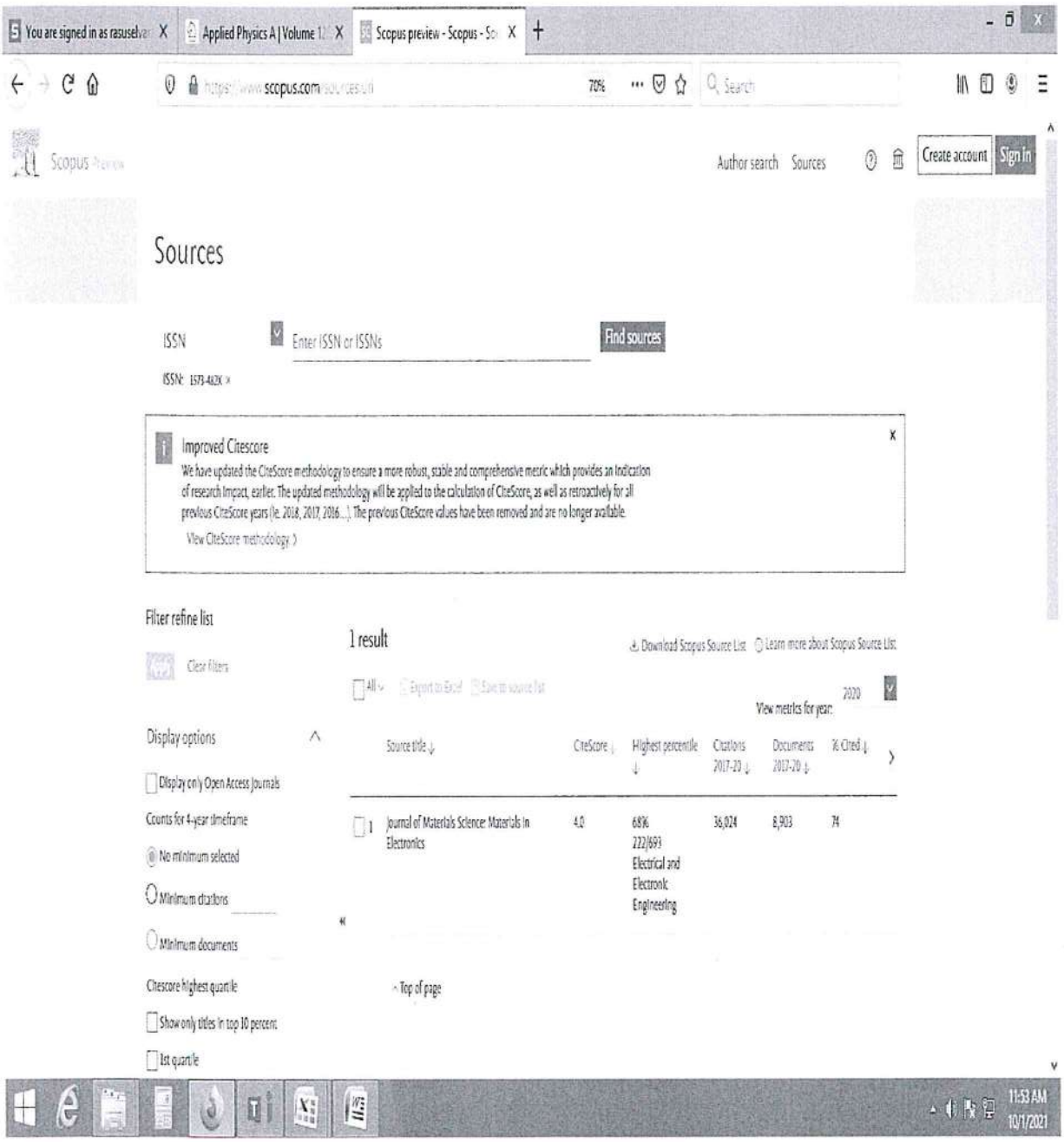

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