

<p align="center"><b>Name:</b> <b>Dr. A. SATHIYA PRIYA</b></p>				
<b>Designation:</b>	Associate Professor			
<b>Qualification:</b>	M.Sc., M.Phil., Ph.D., Post-Doc (PR China)			
<b>Area of specialization:</b>	Multiferroic, 2D materials, Solar cells, Photo-catalytic activity, Energy Harvesting, Nanogenerator.			
<b>Experience:</b>	<b>Industrial Experience</b>	<b>Postdoctoral Experience</b>	<b>Teaching Experience</b>	
	-	2	10 years 5 months	
<b>Number of workshops / FDP attended:</b>	<b>Number of Workshops</b>		<b>Number of FDPs</b>	
	3		12	
<b>Publications:</b>	<b>Number of Workshops</b>		<b>Journal</b>	
	<b>National</b>	<b>International</b>	<b>National</b>	<b>International</b>
	4	15	-	39
<b>Books / Book Chapters</b>	2			
<b>Patents:</b>	<b>National</b>		<b>International</b>	
	-		-	
<b>Research Guidance</b>	<b>Completed</b>		<b>Ongoing</b>	
	UG- 4		PhD-2	
<b>Professional Body Membership</b>	IEEE (Senior Member)			

<b>Research</b>	<b>Google Scholar ID: TCe0-tIAAAAJ</b> <b>Researcher ID: <a href="#">AAL-6983-2021</a></b> <b>Orcid ID: 0000-0002-7016-7047</b> <b>Scopus ID: 56459942900</b> <b>Anna University Guideship: 4170069</b>
<b>Staff Achievements</b>	<ol style="list-style-type: none"> <li>1. International Centre for Diffraction Data (ICDD) has approved and certified the XRD PATTERNS of (La, Cu) co-doped BiFeO<sub>3</sub> materials reported by me. They were added in ICDD files (Powder Diffraction File -2020). File number: 690371, 690372, 690373.</li> <li>2. SCOPE member - R&amp;D Cell</li> <li>3. ICT Academy coordinator - Department of H&amp;S</li> <li>4. Research Co-ordinator - Department of Physics</li> <li>5. SCOPE member- IEEE (PES society)</li> <li>6. Collaborative research visit to the National Research Center, Egypt, from December 3rd to December 13th, 2024.</li> </ol>

### Educational Qualifications:

Category	Name of the Degree	Specialization	Year of Passing	Name of the College	Name of the University	% of Marks / Grades obtained	Class obtained
UG	B.Sc	Physics	2009	Sri Paramakalyani College	M S University	71	First
PG	M.Sc	Physics	2011	Sri Paramakalyani College	M S University	73.18	First
	M.Phil	Physics	2012	Ayya Nadar Janaki Ammal College	M K University	7.2 (CGPA)	First
Doctorate	Ph.D.	Physics	2018	B S Abdur Rahman Crescent Institute of Science and Technology	B S Abdur Rahman Crescent Institute of Science and Technology Chennai	Highly Commended	

## Academic Experience:

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Sri Sairam Engineering College	Associate Professor	01.08.2024	Till date	1	6	27
Sri Sairam Engineering College	Assistant Professor	10.08.2022	31.07.2024	1	11	21
Hubei University	PDF	01.07.2019	30.06.2021	2	0	0
Madras Institute of Technology, Chennai	Teaching Fellow	18.06.2014	30.04.2019	4	10	12
<b>Total</b>				<b>10</b>	<b>5</b>	<b>1</b>

## Workshops/Seminars attended:

1. Participated in a one-day workshop on "Synthesis of Nanomaterials Using Electrochemical Methods, Characterization, and Applications" at Sri Sairam Engineering College, Chennai, on 26th July 2024.
2. Participated in a one-day seminar on "Trends and Advances in Renewable Energy with Focus on Solar Thermal," CSIR-CSMCRI-Marine Algal Research Station & Process Design and Engineering Division, Ramanathapuram, on 19th June 2024.
3. Attended a two-day international-level workshop on "IWAM - 2014" at Alagappa University, Karaikudi.

## FDP/STTP Attended:

1. Participated in a 5-day faculty development programme on "Advanced sustainable materials using tools and tech-driven research for Modern educators", Department of Physics, Koneru Lakshmaiah Education Foundation, Guntur, Andhra Pradesh during 7th -11th July 2025.
2. Participated 7 days faculty development programme on "Frontiers in physics from fundamental to emerging technologies", AMET University, during 12th May – 18th May 2025.
3. Completed a 8-weeks course on Solar Photovoltaics Fundamentals, Technology and Applications NPTEL-AICTE, Jul-Sep 2024.
4. Participated 6 days faculty development program on "Recent Advances, Trends and Challenges in Nanomaterials Characterization and Techniques (RCNMCT-2024), Department of Physics, Koneru Lakshmaiah Education Foundation, Guntur, Andhra Pradesh during 9th -14th September 2024.
5. Participated 2 weeks online faculty development programme on "Frontiers in Materials Research, Innovations and Entrepreneurship", Department of Humanities and Sciences, Sri Sairam Engineering College, Chennai during 25th July – 8th August 2024.
6. Completed a 6 days online short term programme on Functional Materials and Devices, IITDM Chennai, July1-6, 2024.
7. Completed a 12-weeks course on Material Characterization, NPTEL-AICTE, Jan-Apr 2024.

8. Participated 7 days online faculty development programme on “Sustainable Energy Spectrum: Exploring Trends and applications in Renewable Resources”, Department of Mechanical Engineering, Army Institute of Technology, Pune during 14th May – 20th May 2024.
9. Participated 7 days virtual faculty development programme on “Recent Advances in Chemical Sciences”, Department of Chemistry, K S R College of Arts and Science for Women, Tiruchegode during 27th Nov – 1st Dec 2023.
10. Participated 7 days National level online faculty development programme on “Advanced Research Methodology in Physical Sciences, Department of Physics & IQAC, Rajapalayam Raju’s College, Rajapalayam during 3rd -09th October 2023.
11. Participated 5 days faculty development program on “Recent Advances, Trends and Challenges in Nanomaterials Characterization and Techniques (RCNMCT-2023), Department of Physics, Koneru Lakshmaiah Education Foundation, Guntur, Andhra Pradesh during 25th -29th September 2023.
12. Participated 5 days online faculty development programme on Current Scenario in Advanced Materials Research and Nanotechnology, Department of Physics & IQAC, Rajapalayam Raju’s College, Rajapalayam during 14th -18th November 2022.
13. Participated two weeks (40 hours) online faculty development program on MATLAB programming, Electronics and ICT Academies at MNIT Jaipur, NIT Patna, and PDPM IITDM Jabalpur during August 22-September 02, 2022 (recognized by AICTE/UGC).

### **Papers presented in International/National Conferences:**

1. Participated in the 3-day international conference on the 5th International Electronic Conference on Applied Sciences, ASEC 2024 (4 to 6th December 2024).
2. Attended one-day special lecture on Trends and Advances in Renewable Energy with Focus on Solar Thermal," CSIR-CSMCRI-Marine Algal Research Station & Process Design and Engineering Division, Chennai (19th June 2024)
3. Attended the one-day international conference on Functional Nanomaterials and Nanodevices (ICFNN 2023), Chettinad Academy of Research and Education, Chennai (26th Sep 2023).
4. Attended a two-day National-level Conference on “NCAMA 2013” at the National Institute of Technology, Trichy.

### **Conference/Symposium Organized:**

1. A. Sathiya Priya (Convenor), International Research Collaborators Academic Lecture, Sri Sai Ram Engineering College, 2nd–8th April 2025.
2. A. Sathiya Priya (Convenor), SERB sponsored 2nd 2 days International Hybrid mode conference on challenges & New trends in Solar cell technology (ICSCT’24), Sri Sai Ram Engineering College, 21st & 22nd March 2024.

3. A.Sathiya Priya (Convenor), One day National level Internship Program to Explore New Research Insights, Sri Sai Ram Engineering College, 24th August 2023.
4. A.Sathiya Priya (Convenor), SERB sponsored 2 days International Hybrid mode conference on challenges & New trends in Solar cell technology (ICSCT'23), Sri Sai Ram Engineering College, 8th January to 9th June 2023.
5. A.Sathiya Priya (Convenor), 5 days Academic Guest Lecture and Faculty interaction program on higher Studies Planning and International Research Collaboration, Sri Sai Ram Engineering College, 30th January to 3rd February 2023.
6. A.Sathiya Priya (Convenor), Invited talk by international research collaborators, Sri Sai Ram Engineering College, 26th September 2022.

### **Completed/Ongoing Projects:**

1. Collaborative Research Project, University of Chile, Chile
2. Collaborative Research Project, Metropolia University, Chile
3. Collaborative research project, Northern forestry University, China

### **Resource Person:**

1. **A. Sathiya Priya**, Empowering Indian Youth for Global Leadership in Science and Innovation for 'Viksit Bharat,' Annai Violet Arts & Science College, 28th Feb 2025.
2. **A. Sathiya Priya**, Chief Guest for the Kindergarten Convocation at Sri Sairam Vidhyalaya, Chennai, on January 30, 2025.
3. **A. Sathiya Priya**, Research Opportunities for Blooming Young Minds, Sathyabama Institute of Science and Technology, Chennai, 5<sup>th</sup> Jan 2024.
4. **A. Sathiya Priya**, Energy conservation, National Energy Conservation Day by the Bureau of Energy Efficiency, Annai Violet Arts & Science College, 20<sup>th</sup> Dec 2023.
5. **A. Sathiya Priya**, Bio-solar cell: current scenario and future trends," Virtuthunagar District Cluster of Colleges Joint Faculty Program in Physics, A. K. D. Dharamaraja Women's College, 7<sup>th</sup> October 2023.
6. **A. Sathiya Priya**, Perovskite solar cell, Research Internship Training Program (RITP), Sri Sai Ram Engineering College, 23<sup>rd</sup> December 2022.
7. **A. Sathiya Priya**, "Ferroelectric multilayer films based high efficiency, low-cost solar cell fabrication," International conference on novel materials for evolving technological applications (ICNM-2020) by Holy Cross College, Nagercoil, 2020.

## Journal Publications:

1. S Sahoo, **A Sathiya Priya**, Sharmistha Anwar, Shahid Anwar, Effect of Mn doping on the structural, impedance and modulus behaviour of lead free (BaCa)(ZrTiO<sub>3</sub>) ceramics, Materials Research Bulletin, 198, 114017 (2026) **(Q1; SCIE) (Impact factor (IF)- 5.7)**
2. R. Indhumath, A. Sathiya Priya, Radhamanohar Aepuru, Muhammad Idzdihar Bin Idris, Influence of Al substitution on the structural, optical, and electrical properties of ZnSnO<sub>3</sub> ceramics, Mater. Sci. & Eng. B, 326,119178 (2026) **(Q1; SCIE) (Impact factor (IF)- 4.6)**
3. B S Samyuktha, **A Sathiya Priya**, D Geetha, Radhamanohar Aepuru, Advanced Functional Catalysts: A Mechanistic Deep Dive into Photocatalysis and Piezo-Photocatalysis, Fabrication Routes and Integration into Clean Energy Systems, J Alloys Compd. 1048, 185263, (2025) **(Q1; SCIE) (IF- 6.3)**
4. R. Indhumathi, **A. Sathiya Priya**, Synthesis and Characterization of ZnSnO<sub>3</sub>/PVP Electrospun Composite Nanofibers, Mater. Proc. Accepted (2025) **(Scopus)**
5. R. Indhumathi, **A. Sathiya Priya**, Radhamanohar Aepuru, Effect of calcination temperature on the structure, optical and dielectric properties of ZnSnO<sub>3</sub> ceramics, Ceramics International, 51, 55030-55055 (2025). **(Q1; SCIE) (IF-5.6)**
6. **A Sathiya Priya**, Karthik Kannan, J Henry, Radhamanohar Aepuru, Krishnamoorthy Shanmugaraj, Durga Prasad Pabba, Manda Sathish, Advancements in hydrogel materials for next-generation energy devices: properties, applications, and future prospects, Cellulose, 32, 6307–6335,(2025) **(Q1; SCIE) (IF-5.6)**
7. **A Sathiya Priya**, J Henry, R Indhumathi, E Brindha, Radhamanohar Aepuru, A Comprehensive Review on the Effect of Synthesis, Doping, and Composites on Bismuth Ferrite Properties and Applications, Ceramics International, 51, 29877-29908 (2025) **(Q1; SCIE) (IF-5.6)**
8. R. Indhumathi, **A. Sathiya Priya**, Radhamanohar Aepuru, Krishnamoorthy Shanmugaraj, Advancements, Prospects, and Challenges in the Synthesis and Stability of MXenes for Energy Applications: A Comprehensive Review, J Material Sci., Accepted. **((Q1; SCIE) (IF -3.9)**
9. R. Indhumathi, **A. Sathiya Priya**, B. S. Samyuktha, Analyzing the Thermal Behavior and Phase Transitions of ZnSnO<sub>3</sub> Prepared via Chemical Precipitation, Eng. Proc., 87, 4 (2025). **(Scopus)**
10. **A. Sathiya Priya**, Muhammad Idzdihar Idris, J. Henry, R. Indhumathi, Radhamanohar Aepuru, Advancements in Hybrid Energy Harvesting: Combining Triboelectric Nanogenerators and Photovoltaic Cells for Next-Generation Energy Solutions, Mater. Today Energy, Accepted. **(Q1; SCIE) (Impact factor (IF)-9.0)**

11. **A. Sathiya Priya**, R. Premanand, Indhumathi Ragupathi, Vijayabhaskara Rao Bhaviripudi, Radhamanohar Aepuru, Karthik Kannan, Krishnamoorthy Shanmugaraj, Comprehensive Review of Hydrogel Synthesis, Characterization, and Emerging Applications, *J. Compos. Sci.*, 8, 457 (2024). **(Q2; SCIE) (IF-3)**
12. Naresh Raj K, Vidhya Lakshmi Sivakumar, Pamila Ramesh, **Sathiya Priya A**, Anand Raju, Towards Sustainable Development: Harnessing the Role of Trees for Environmental Conservation and Economic Growth, *Nanotechnology Perceptions* 20, 139–153 (2024). **(Q4; SCOPUS) (IF- 0.6)**
13. **A. Sathiya Priya**, J.Henry, Radhamanohar Aepuru, K. V.Arivizhivendhan, S Manda' Advancements in Carbon Dot Production and Characterization for Food Packaging: A Comprehensive Review, *Brazilian J Phys.* 54, 139 (2024). **(Q4; SCIE) (IF-1.5)**
14. **A. Sathiya Priya**, D.Geetha, D P Pabba, R Aepuru, Ștefan Țălu, Varalakshmi, Prominent ferroelectric properties in multi-layered TiO<sub>2</sub> Mn-doped BiFeO<sub>3</sub> spin-coated thin films, *Ferroelectrics*, 618, 957-969 (2024). **(Q4; SCIE) (IF-1.3)**
15. **A. Sathiya Priya**, D.Geetha, Jesus M Siqueiros, Ștefan Țălu, Tunable optical and multiferroic properties of zirconium and dysprosium substituted bismuth ferrite thin films, *Molecules*, 27, 7565, (2022). **(Q2;SCIE ) (IF-4.2)**
16. I B Shameem Banu, Rajesh Raman, M Hafiz Mamat, P Komalavalli, B H Poornima, S Divyalakshmi, S Sathik Basha, **A Sathiya Priya**, Shamima Hussain, Strain-mediated electrical and optical properties of novel lead-free CuFe<sub>2</sub>O<sub>4</sub>-KNbO<sub>3</sub> nanocomposite solid solutions: A combined experimental and Density Functional Theory studies, *Microsc. Res. Tech.*, 85, 3140-3152, (2022). **(Q2; SCIE) (IF-2)**
17. **A. Sathiya Priya**, D.Geetha, Structural and frequency dependent dielectric properties of Ba doped Ni-Zn ferrite powders, *Phosphorous, Sulfur Silicon Relat Elems.* 197, 186-191, (2022). **(Q3;SCIE) (IF-1.4)**
18. **A. Sathiya Priya**, D.Geetha, J.Henry, Effect of Cu and Sm doping on the ferroelectric character of bismuth ferrite thin films, *Phosphorous, Sulfur Silicon Relat Elems.* 197, 158-163, (2022). **(Q4;SCIE) (IF-1.4)**
19. **A. Sathiya Priya**, D.Geetha, Madhavan, Synthesis, structural, dielectric, and photocatalytic properties of (Ti, La) co-doped calcium ferrite ceramic powders, *Arab. J. Sci. Eng.*, 47, 7657-7667, (2022). **(Q1; SCIE) (IF-3.43)**
20. **A. Sathiya Priya**, D. Geetha, I.B.Shameem Banu, "Structural, dielectric and impedance analysis of (Dy, Cu) co-doped BiFeO<sub>3</sub>" *Brazilian J Phys.* 51, 14338- 1447, (2021). **(Q4;SCIE ) (IF-1.5)**
21. Ștefan Țălu, **A. Sathiya Priya**, D.Geetha, Topographic characterization of of (Zr, Mn) co-doped bismuth ferrite thin film surfaces, *Microsc. Res. Tech*, 84 (10), 2494-2500 (2021). **(Q3;SCIE) (IF-2)**

22. **A. Sathiya Priya**, D. Geetha, Studies on the multiferroic properties and impedance analysis of BiFeO<sub>3</sub> by (La, Cu) prepared by sol-gel method, *Ferroelectrics*, 573, 104-116 (2021). **(Q4; SCIE) (IF-1.3)**
23. **A. Sathiya Priya**, D. Geetha, Impact of (Zr, Cu) ions substitution on the optical, dielectric and impedance behavior of BiFeO<sub>3</sub>, *Brazilian J phys.* 51, 175-181 (2020). **(Q4; SCIE) (IF-1.5)**
24. **A. Sathiya Priya**, D. Geetha, Ştefan Țălu, Advanced micromorphology study of the Mn-doped bismuth ferrite thin films, *Mater. Lett.* 281, 128615 (2020). **(Q2; SCIE) (IF-3.02)**
25. M. Rajamoorthy, D. Geetha, **A. Sathiya Priya**, "Synthesis of cobalt doped Bi<sub>12</sub>NiO<sub>19</sub>: structural, morphological, dielectric and magnetic properties", *Arab. J. Sci. Eng.*, 46, 737-744, (2020). **(Q1; SCIE) (IF-3.43)**
26. Jian Chen, **A. Sathiya Priya**, Di You, Weijie Pei, Qingfeng Zhang, Yinmei Lu, Mingkai li, Jinming Guo, Yunbin He, "Self-driven ultraviolet photodetectors based on ferroelectric depolarization field and interfacial potential", *Sens. Actuators, A: Physical*, 315, 112267, (2020). **(Q1; SCIE) (IF-4.1)**
27. **A. Sathiya Priya**, D. Geetha, K.Karthik, M.Rajamoorthy, "Investigations on the enhanced photocatalytic activity of (Ag, La) substituted nickel cobaltite spinels", *Solid State Sci.*, 98, 105992 (2019). **(Q2; SCIE) (IF-3.4)**
28. **A. Sathiya Priya**, I. B. Shameem Banu, D. Geetha, S. Sankar, "Investigations of the magnetic and dielectric behavior of (Zr, Cu) co-doped BiFeO<sub>3</sub>-BaTiO<sub>3</sub> composite", *Mater. Res. Express*, 6, 106116 (2019). **(Q2; SCIE) (IF-1.8)**
29. **A. Sathiya Priya**, D. Geetha and N. Kavitha, "Effect of Al substitution on the structural, electric and impedance behavior of cobalt ferrite", *Vacuum*, 160, 453-460 (2019). **(Q2; SCIE) (IF-3.8)**
30. **A. Sathiya Priya**, D. Geetha and N. Kavitha, "Evaluation of the structural and dielectric properties of Al, Ce co-doped Cobalt ferrites", *Mater. Research express*, 5, 066109 (2018). **(Q2; SCIE) (IF-1.8)**
31. **A. Sathiya Priya**, I. B. Shameem Banu and Zulaikha Mohammed "Effect of novel (Gd, Cu) substitution on the electrical properties and magnetoelectric coupling bismuth ferrite ceramics", *J. Mater. Sci: Mater. Electr.*, 28, 8467-8472 (2017). **(Q2; SCIE) (IF-2.8)**
32. **A. Sathiya Priya**, I. B. Shameem Banu, Shahid Anwar and Shamima Hussain, "Studies on the multiferroic properties of (Zr, Cu) co-doped BiFeO<sub>3</sub> prepared by sol-gel method", *J Sol-Gel Sci Technol.*, 80, 579-586, (2016). **(Q2; SCIE) (IF-2.3)**
33. **A. Sathiya Priya**, I. B. Shameem Banu and Shahid Anwar, "Influence of Dy, Cu doping on the room temperature multiferroic properties of BiFeO<sub>3</sub>", *J Magn. Mater.* 401, 333-338 (2016). **(Q3; SCIE) (IF-2.5)**
34. **A. Sathiya Priya**, I. B. Shameem Banu and Murthy Chavali, "Influence of (La, Cu) doping on the room temperature multiferroic properties of BiFeO<sub>3</sub> ceramics", *Arab. J. Sci. Eng.*, 40, 2079-2084 (2015). **(Q1; SCIE) (IF-3.43)**

35. **A. Sathiya Priya**, I. B. Shameem Banu and Shahid Anwar, "Investigation of multiferroic properties of doped BiFeO<sub>3</sub>- BaTiO<sub>3</sub> composite ceramics", Mater. Lett. 142, 42-44 (2015). **(Q2;SCIE) (IF-2.7)**
36. I. B. Shameem Banu, **A. Sathiya Priya**, P. Komalavalli, and Shanmuganathan, "Investigation of Structural and magnetic properties of doped BaFeO<sub>3</sub>- BaTiO<sub>3</sub> multiferroic composites", J. Materials sci. Mater. Electron. 26, 98-102 (2014). **(Q2;SCIE) (IF-2.8)**
37. **A. Sathiya Priya**, I. B. Shameem Banu, "Effect of doping and annealing on the room temperature magnetic and dielectric properties of La modified BiFeO<sub>3</sub> multiferroic nanoparticles synthesized by sol-gel citrate combustion method", Chemtech, 6 (11), 4643-4649 (2014).
38. **A. Sathiya Priya**, I. B. Shameem Banu, J. Thirumalai, A. Alagar, "Optical characterization of Mn doped CdS nanoparticles synthesized by simple chemical route", Opt. Electron. Adv. Mater. – Rapid Comm., 7 (3-4), 191 – 195(2013). **(Q4; Scopus) (IF-0.5)**

### Books/Book Chapters:

1. R Aepuru, M Aleksandrova, V M Gaikwad, **A Sathiya Priya**, P K Sahoo, Krishnamoorthy Shanmugaraj and R V Mangalaraja, An introduction to the role of materials in the energy- environment nexus (Materials Technology for the Energy and Environmental Nexus, Volume 2), IOP Science (2023).
2. **A Sathiya Priya**, N. Srinivasan, Principles of Electronics, Publisher: Sri Sairam Engineering College, ISSN : 9789334021622, April 2024.
3. Awarding Body: Founder's Day at Sri Sairam Engineering College Date: April 2024.

### Awards:

1. Recipient: Best Young Researcher Award, Awarding Body: Women's Day at Sri Sairam Engineering College Date: March 2024
2. Recipient: Best Department Performance Award

### Online Courses:

1. Completed the course on "Panchayat Administration and Rural Development Schemes" conducted by the State Institute of Rural Development and Panchayat Raj, Tamil Nadu, during June 2025.
2. Completed Quantum Computing from IIT Roorkee, May 2025.
3. Completed NPTEL-Energy Materials and Devices
4. Completed NPTEL-Thin Film Technology
5. Completed NPTEL-Physics of Functional Materials & Devices
6. Completed NPTEL- Solar Photovoltaics Fundamentals, Technology and Applications
7. Completed NPTEL - Materials and Characterization
8. Completed NITTT - Module 1: Orientation towards Technical Education and Curriculum Aspects
9. Completed NITTT - Module 2: Professional Ethics and Sustainability
10. Completed NITTT - Module 3: Communication Skills, Modes and Knowledge Dissemination

11. Completed NITTT - Module 4: Instructional Planning and Delivery
12. Completed NITTT - Module 5: Technology Enabled Learning and Lifelong Self-Learning
13. Completed NITTT - Module 6: Student Assessment and Evaluation
14. Completed NITTT - Module 7: Creative Problem Solving, Innovation and Meaningful R&D.
15. Completed NITTT - Module 8: Institutional Management and Administrative Procedures.

## **Reviewer of the Journal**

1. Food Chemistry
2. Journal of Ceramics International
3. Archives of Thermodynamics
4. Material Science and Engineering B
5. Springer Nature
6. Crystals
7. Molecules
8. Materials
9. Processes
10. Materials Letters
11. Journal of Alloys and Compounds
12. Vacuum
13. Journal of sol-gel
14. The European Physical Journal B
15. Journal of Inorganic and Organometallic Polymers and Materials