

# S Aminorroaya Yamini

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/3502794/s-aminorroaya-yamini-publications-by-year.pdf>

**Version:** 2024-04-19

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.

51  
papers

1,559  
citations

19  
h-index

39  
g-index

51  
ext. papers

1,749  
ext. citations

6.8  
avg, IF

4.62  
L-index

#	Paper	IF	Citations
51	Thermoelectric Performance of n-Type Magnetic Element Doped BiS.. <i>ACS Applied Energy Materials</i> , <b>2022</b> , 5, 3845-3853	6.1	0
50	Recent Progress in Multiphase Thermoelectric Materials. <i>Materials</i> , <b>2021</b> , 14,	3.5	3
49	Influence of microalloying elements (Ti, Nb) and nitrogen concentrations on precipitation of pipeline steels: a thermodynamic approach. <i>Engineering Reports</i> , <b>2021</b> , 3, e12337	1.2	
48	Diabetes and all-cause mortality, a 18-year follow-up study. <i>Scientific Reports</i> , <b>2020</b> , 10, 3183	4.9	12
47	Thermoelectric performance of thermally aged nanostructured bulk materials: a case study of lead chalcogenides. <i>Materials Today Physics</i> , <b>2020</b> , 13, 100190	8	8
46	Multiphase identification in Ni <sub>2</sub> BbTe contacts by EBSD and aberration-corrected STEM. <i>Materials and Design</i> , <b>2020</b> , 185, 108252	8.1	3
45	Thermoelectric Performance of Single-Phase Tellurium-Reduced Quaternary (PbTe)(PbS)(PbSe). <i>ACS Omega</i> , <b>2019</b> , 4, 9235-9240	3.9	2
44	Mechanically induced combustion synthesis and thermoelectric properties of nanostructured strontium hexaboride (SrB <sub>6</sub> ). <i>Ceramics International</i> , <b>2019</b> , 45, 14426-14431	5.1	0
43	Reference Intervals for Thyroid Hormones During the First Trimester of Gestation: A Report from an Area with a Sufficient Iodine Level. <i>Hormone and Metabolic Research</i> , <b>2019</b> , 51, 165-171	3.1	4
42	Thyroid-stimulating hormone (TSH) serum levels and risk of spontaneous abortion: A prospective population-based cohort study. <i>Clinical Endocrinology</i> , <b>2019</b> , 91, 163-169	3.4	4
41	Magnetism-mediated thermoelectric performance of the Cr-doped bismuth telluride tetradymite. <i>Materials Today Physics</i> , <b>2019</b> , 9, 100090	8	80
40	Cross-sectional and longitudinal assessments of risk factors associated with hypertension and moderately increased albuminuria comorbidity in patients with type 2 diabetes: a 9-year open cohort study. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , <b>2019</b> , 12, 1123-1139	3.4	3
39	Alendronate improves fasting plasma glucose and insulin sensitivity, and decreases insulin resistance in prediabetic osteopenic postmenopausal women: A randomized triple-blind clinical trial. <i>Journal of Diabetes Investigation</i> , <b>2019</b> , 10, 731-737	3.9	19
38	Rapid fabrication of diffusion barrier between metal electrode and thermoelectric materials using current-controlled spark plasma sintering technique. <i>Journal of Materials Research and Technology</i> , <b>2019</b> , 8, 8-13	5.5	9
37	Thermoelectric Performance of Single Phase p-Type Quaternary (PbTe) <sub>0.65</sub> (PbSe) <sub>0.35</sub> (PbS) <sub>x</sub> Alloys. <i>ACS Applied Energy Materials</i> , <b>2018</b> , 1, 1898-1903	6.1	5
36	Assessing phase discrimination the segmentation of an elemental energy dispersive X-ray spectroscopy map: a case study of BiTe and BiTeS.. <i>RSC Advances</i> , <b>2018</b> , 8, 7457-7464	3.7	1
35	Recent progress in magnesium-based thermoelectric materials. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 3328-3341	13	48

34	Solid-State Bonding of Bulk PbTe to Nickel Electrode for Thermoelectric Modules. <i>ACS Applied Energy Materials</i> , <b>2018</b> , 1, 348-354	6.1	8
33	Body mass index and the all-cause mortality rate in patients with type 2 diabetes mellitus. <i>Acta Diabetologica</i> , <b>2018</b> , 55, 569-577	3.9	8
32	Suspension Characteristics and Electrophoretic Deposition of p-Type Bi <sub>2</sub> Te <sub>3</sub> Films for Thermoelectric Applications. <i>Journal of the Electrochemical Society</i> , <b>2018</b> , 165, D364-D369	3.9	1
31	Effect of the Fabrication Technique on the Thermoelectric Performance of Mg-Based Compounds-A Case Study of n-Type MgGe. <i>ACS Omega</i> , <b>2017</b> , 2, 8069-8074	3.9	5
30	Band-Gap Nonlinearity in Lead Chalcogenide (PbQ, Q = Te, Se, S) Alloys. <i>ACS Omega</i> , <b>2017</b> , 2, 3417-3423	3.9	22
29	Thermoelectric performance of n-type MgGe. <i>Scientific Reports</i> , <b>2017</b> , 7, 3988	4.9	16
28	Thermoelectric Performance of Na-Doped GeSe. <i>ACS Omega</i> , <b>2017</b> , 2, 9192-9198	3.9	23
27	In situ characterisation of nanostructured multiphase thermoelectric materials at elevated temperatures. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 32814-32819	3.6	2
26	Processable 2D materials beyond graphene: MoS liquid crystals and fibres. <i>Nanoscale</i> , <b>2016</b> , 8, 16862-16867	6.7	32
25	One-step bonding of Ni electrode to n-type PbTe [A step towards fabrication of thermoelectric generators. <i>Materials and Design</i> , <b>2016</b> , 107, 90-97	8.1	26
24	Elemental distributions within multiphase quaternary Pb chalcogenide thermoelectric materials determined through three-dimensional atom probe tomography. <i>Nano Energy</i> , <b>2016</b> , 26, 157-163	17.1	14
23	Fabrication of thermoelectric materials [Thermal stability and repeatability of achieved efficiencies. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 10610-10615	7.1	15
22	Origin of resistivity anomaly in p-type lead chalcogenide multiphase compounds. <i>AIP Advances</i> , <b>2015</b> , 5, 053601	1.5	8
21	Heterogeneous Distribution of Sodium for High Thermoelectric Performance of p-type Multiphase Lead-Chalcogenides. <i>Advanced Energy Materials</i> , <b>2015</b> , 5, 1501047	21.8	56
20	Thermoelectric performance of tellurium-reduced quaternary p-type lead chalcogenide composites. <i>Acta Materialia</i> , <b>2014</b> , 80, 365-372	8.4	26
19	Thermoelectric performance of n-type (PbTe) <sub>0.75</sub> (PbS) <sub>0.15</sub> (PbSe) <sub>0.1</sub> composites. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 11476-83	9.5	58
18	Chemical composition tuning in quaternary p-type Pb-chalcogenides--a promising strategy for enhanced thermoelectric performance. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 1835-40	3.6	46
17	High-performance multifunctional graphene yarns: toward wearable all-carbon energy storage textiles. <i>ACS Nano</i> , <b>2014</b> , 8, 2456-66	16.7	290

16	Thermoelectric Properties and Microstructure Studies of Spinodally Decomposed PbTe <sub>0.38</sub> S <sub>0.62</sub> Alloy. <i>Science of Advanced Materials</i> , <b>2014</b> , 6, 1453-1459	2.3	2
15	Rational design of p-type thermoelectric PbTe: temperature dependent sodium solubility. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 8725	13	54
14	Scalable One-Step Wet-Spinning of Graphene Fibers and Yarns from Liquid Crystalline Dispersions of Graphene Oxide: Towards Multifunctional Textiles. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 5345-5354	15.6	303
13	Fabrication and characterization of textured Bi <sub>2</sub> Te <sub>3</sub> thermoelectric thin films prepared on glass substrates at room temperature using pulsed laser deposition. <i>Journal of Crystal Growth</i> , <b>2013</b> , 362, 247-251	1.6	21
12	Crystal structure, electronic structure and thermoelectric properties of n-type BiSb <sub>2</sub> Te <sub>2</sub> . <i>Journal Physics D: Applied Physics</i> , <b>2012</b> , 45, 125301	3	8
11	Enhanced Hydrogen Storage in Graphene Oxide-MWCNTs Composite at Room Temperature. <i>Advanced Energy Materials</i> , <b>2012</b> , 2, 1439-1446	21.8	81
10	Globular reduced graphene oxide-metal oxide structures for energy storage applications. <i>Energy and Environmental Science</i> , <b>2012</b> , 5, 5236-5240	35.4	64
9	Comparison of hydrogen storage properties of Mg <sub>92</sub> Ni <sub>8</sub> from different preparation methods. <i>Materials Chemistry and Physics</i> , <b>2011</b> , 127, 405-408	4.4	10
8	Simulation of microsegregation and the solid/liquid interface progression in the concentric solidification technique. <i>Modelling and Simulation in Materials Science and Engineering</i> , <b>2011</b> , 19, 025003 <sup>2</sup>		3
7	Hydrogen storage properties of Mg-10 wt% Ni alloy co-catalysed with niobium and multi-walled carbon nanotubes. <i>International Journal of Hydrogen Energy</i> , <b>2011</b> , 36, 571-579	6.7	54
6	The effect of transition metals on hydrogen migration and catalysis in cast Mg <sub>92</sub> Ni <sub>8</sub> alloys. <i>International Journal of Hydrogen Energy</i> , <b>2011</b> , 36, 4984-4992	6.7	54
5	Hydrogen Storage Properties of Mg-Ni Alloy Catalysed by Multi-Walled Carbon Nanotubes. <i>Materials Science Forum</i> , <b>2010</b> , 654-656, 2843-2846	0.4	
4	Microstructure and activation characteristics of Mg <sub>92</sub> Ni <sub>8</sub> alloy modified by multi-walled carbon nanotubes. <i>International Journal of Hydrogen Energy</i> , <b>2010</b> , 35, 4144-4153	6.7	35
3	TEM analysis of centreline sulphide precipitates modified by titanium additions to low carbon steel. <i>Journal of Microscopy</i> , <b>2008</b> , 232, 123-9	1.9	4
2	A novel approach to simulate segregation at the centreline of continuously cast steel using laser-scanning confocal microscopy. <i>Journal of Microscopy</i> , <b>2007</b> , 227, 87-91	1.9	4
1	TEM characterization of precipitates in the segregated regions of a low-carbon, low-manganese, titanium-added steel. <i>Journal of Microscopy</i> , <b>2007</b> , 227, 92-7	1.9	5