

# Sajid Butt

## List of Publications by Year in descending order

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26  
papers

1,030  
citations

471477

17  
h-index

552766

26  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1254  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Gadolinium (Gd <sup>3+</sup> ) and Tin (Sn <sup>4+</sup> ) Co-doped BiFeO <sub>3</sub> Nanoparticles as New Solar Light Active Photocatalyst. Scientific Reports, 2017, 7, 42493.	3.3	115
2	High-temperature thermoelectric properties of La and Fe co-doped Ca <sup>2+</sup> Co <sup>2+</sup> O misfit-layered cobaltites consolidated by spark plasma sintering. Journal of Alloys and Compounds, 2014, 588, 277-283.	5.5	79
3	High-temperature thermoelectric behaviors of Sn-doped n-type Bi <sub>2</sub> O <sub>2</sub> Se ceramics. Journal of Electroceramics, 2015, 34, 175-179.	2.0	74
4	Enhancement of thermoelectric performance in Cd-doped Ca <sub>3</sub> Co <sub>4</sub> O <sub>9</sub> via spin entropy, defect chemistry and phonon scattering. Journal of Materials Chemistry A, 2014, 2, 19479-19487.	10.3	71
5	High Performance Oxides-Based Thermoelectric Materials. Jom, 2015, 67, 211-221.	1.9	71
6	Influence of Ag doping on thermoelectric properties of BiCuSeO. Journal of the European Ceramic Society, 2015, 35, 845-849.	5.7	70
7	Enhanced thermoelectric properties in Pb-doped BiCuSeO oxyselenides prepared by ultrafast synthesis. RSC Advances, 2015, 5, 69878-69885.	3.6	67
8	Influence of film thickness and In-doping on physical properties of CdS thin films. Journal of Alloys and Compounds, 2014, 587, 582-587.	5.5	59
9	Cd-doping a facile approach for better thermoelectric transport properties of BiCuSeO oxyselenides. RSC Advances, 2016, 6, 33789-33797.	3.6	48
10	Enhanced Thermoelectricity in High-Temperature $\hat{2}$ -Phase Copper(I) Selenides Embedded with Cu <sub>2</sub> Te Nanoclusters. ACS Applied Materials & Interfaces, 2016, 8, 15196-15204.	8.0	44
11	One-step rapid synthesis of Cu <sub>2</sub> Se with enhanced thermoelectric properties. Journal of Alloys and Compounds, 2019, 786, 557-564.	5.5	40
12	Improved thermoelectric performance of BiCuSeO by Ag substitution at Cu site. Journal of Alloys and Compounds, 2017, 691, 572-577.	5.5	38
13	Enhancement of Thermoelectric Performance in Hierarchical Mesoscopic Oxide Composites of Ca <sub>3</sub> Co <sub>4</sub> O <sub>9</sub> and La <sub>0.8</sub> Sr <sub>0.2</sub> CoO <sub>3</sub> . Journal of the American Ceramic Society, 2015, 98, 1230-1235.	3.8	37
14	Electrical and Thermal Transport Behavior in Zn-Doped BiCuSeO Oxyselenides. Journal of Electronic Materials, 2015, 44, 1627-1631.	2.2	37
15	Effect of Ag doping on opto-electrical properties of CdS thin films for solar cell applications. Journal of Alloys and Compounds, 2014, 609, 40-45.	5.5	32
16	Enhanced thermoelectric efficiency of Cu <sub>2</sub> Se-Cu <sub>2</sub> S composite by incorporating Cu <sub>2</sub> S nanoparticles. Ceramics International, 2016, 42, 8395-8401.	4.8	30
17	Enhanced thermoelectric performance of heavy-metals (M: Ba, Pb) doped misfit-layered ceramics: (Ca <sub>2-x</sub> MxCoO <sub>3</sub> ) <sub>0.62</sub> (CoO <sub>2</sub> ). Energy Conversion and Management, 2014, 83, 35-41.	9.2	26
18	Pronounced effect of ZnTe nano-inclusions on thermoelectric properties of Cu <sub>2-x</sub> Se chalcogenides. Science China Materials, 2016, 59, 135-143.	6.3	17

#	ARTICLE	IF	CITATIONS
19	Optimization analysis of polyurethane based mixed matrix gas separation membranes by incorporation of gamma-cyclodextrin metal organic frame work. Chemical Papers, 2020, 74, 3527-3543.	2.2	17
20	Thermochemically evolved nanoplatelets of bismuth selenide with enhanced thermoelectric figure of merit. AIP Advances, 2014, 4, .	1.3	16
21	Nanoscale heterogeneity in thermoelectrics: the occurrence of phase separation in Fe-doped $\text{Ca}_{3}\text{Co}_{4}\text{O}_{9}$ . Physical Chemistry Chemical Physics, 2016, 18, 14580-14587.	2.8	11
22	Enhanced Thermoelectric Performance of $\text{SmBaCuFeO}_{5+\delta}/\text{Ag}$ Composite Ceramics. Journal of the American Ceramic Society, 2016, 99, 1266-1270.	3.8	10
23	Facile Development of Hybrid Bulk-Nanostructured $\text{SnSe}/\text{SnS}$ for Antibacterial Activity with Negligible Cytotoxicity. Journal of Cluster Science, 2021, 32, 665-672.	3.3	7
24	Electrical and Thermal Conduction Behaviors in $\text{La}_{\delta}$ -Substituted $\text{GdBaCuFeO}_{5+\delta}$ Ceramics. Journal of the American Ceramic Society, 2015, 98, 3179-3184.	3.8	6
25	Development of CZTS-sensitized $\text{TiO}_2$ nanoparticles via p-SILAR: concomitant salvaging of photocatalytic $\text{SnO}_2$ and CZTS. Journal of Materials Science: Materials in Electronics, 2020, 31, 17563-17573.	2.2	6
26	Outlining the beneficial photocatalytic effect of $\text{ZnS}$ deposition in simplistically developed iron oxide nanocomposites of different stoichiometry. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	2