

# Siddika Mertdinc

## List of Publications by Year in descending order

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12  
papers

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1478505

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Synthesis of sericin coated silver nanoparticles (Ag-Ser) by modified Tollens's™ method and evaluation of colloidal stability. Applied Physics A: Materials Science and Processing, 2022, 128, 1.	2.3	2
2	Mechanochemical synthesis investigations on the ternary and quaternary B <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> /Mg/C systems. Solid State Sciences, 2022, 128, 106897.	3.2	4
3	Enhanced hardness and wear resistance of Al-based hybrid MMCs by using of composite metal boride reinforcement particles. Materials Chemistry and Physics, 2022, 288, 126377.	4.0	12
4	Characterization investigations of mechanically alloyed and sintered Al-4 wt% Cu matrix composites reinforced with mechanochemically synthesized chromium boride/nitride particles. Solid State Sciences, 2021, 120, 106727.	3.2	1
5	Characterization Investigations of 2 wt% LaB <sub>6</sub> Particulate-Reinforced Al-7 wt% Si Matrix Composites Fabricated by Powder Metallurgy Methods. Metals and Materials International, 2020, 26, 827-843.	3.4	3
6	Characterization of mechanically alloyed and pressureless sintered Al-7 wt% Si-2 wt% LaB <sub>6</sub> -2 wt% (MoSi <sub>2</sub> , WSi <sub>2</sub> ) hybrid composites. Advanced Powder Technology, 2019, 30, 2626-2635.	4.1	11
7	Effects of reinforcement content and sequential milling on the microstructural and mechanical properties of TiB <sub>2</sub> particulate-reinforced eutectic Al-12.6 wt% Si composites. Journal of Materials Science, 2018, 53, 2537-2552.	3.7	18
8	Microstructural characterizations and mechanical properties of NbB <sub>2</sub> and VB particulate-reinforced eutectic Al-12.6 wt% Si composites via powder metallurgy method. Advanced Powder Technology, 2018, 29, 2070-2081.	4.1	17
9	Mechanochemically synthesized Fe <sub>2</sub> B nanoparticles embedded in SiO <sub>2</sub> nanospheres. Ceramics International, 2018, 44, 14834-14843.	4.8	7
10	Influence of the milling process on TiB <sub>2</sub> particle reinforced Al-7 wt.% Si matrix composites. Materialpruefung/Materials Testing, 2018, 60, 719-726.	2.2	5
11	Comparison of the fuel properties and the combustion behavior of PET bottle caps with lignite. Energy Procedia, 2017, 136, 22-26.	1.8	7
12	Synthesis of VB <sub>2</sub> -V <sub>3</sub> B <sub>4</sub> -V <sub>2</sub> B <sub>3</sub> /VC hybrid powders via powder metallurgy processes. Journal of Boron, 0, ,	0.0	2