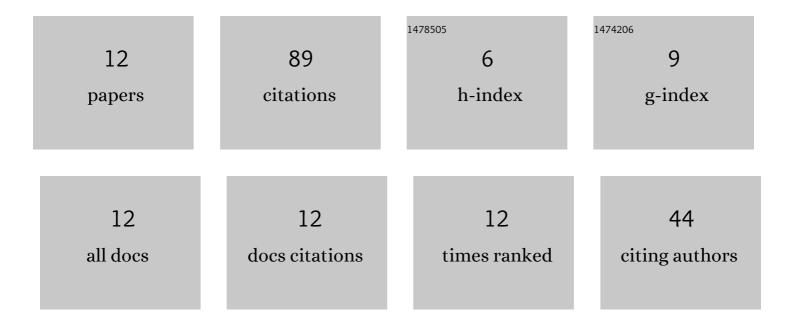
Siddika Mertdinc

List of Publications by Year in descending order

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Version: 2024-02-01



#	Article	IF	CITATIONS
1	Effects of reinforcement content and sequential milling on the microstructural and mechanical properties of TiB2 particulate-reinforced eutectic Al-12.6Âwt% Si composites. Journal of Materials Science, 2018, 53, 2537-2552.	3.7	18
2	Microstructural characterizations and mechanical properties of NbB2 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
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 of mechanically alloyed and pressureless sintered Al-7†wt% Si-2†wt% LaB6-2†wt% (MoSi2, WSi2) hybrid composites. Advanced Powder Technology, 2019, 30, 2626-2635.	4.1	11
5	Comparison of the fuel properties and the combustion behavior of PET bottle caps with lignite. Energy Procedia, 2017, 136, 22-26.	1.8	7
6	Mechanochemically synthesized Fe2B nanoparticles embedded in SiO2 nanospheres. Ceramics International, 2018, 44, 14834-14843.	4.8	7
7	Influence of the milling process on TiB ₂ particle reinforced Al-7 wt% Si matrix composites. Materialpruefung/Materials Testing, 2018, 60, 719-726.	2.2	5
8	Mechanochemical synthesis investigations on the ternary and quaternary B2O3/TiO2/Mg/C systems. Solid State Sciences, 2022, 128, 106897.	3.2	4
9	Characterization Investigations of 2Âwt% LaB6 Particulate-Reinforced Al-7Âwt% Si Matrix Composites Fabricated by Powder Metallurgy Methods. Metals and Materials International, 2020, 26, 827-843.	3.4	3
10	Synthesis of VB2-V3B4-V2B3/VC hybrid powders via powder metallurgy processes. Journal of Boron, 0, ,	0.0	2
11	Synthesis of sericin coated silver nanoparticles (Ag-Ser) by modified Tollens' method and evaluation of colloidal stability. Applied Physics A: Materials Science and Processing, 2022, 128, 1.	2.3	2
12	Characterization investigations of mechanically alloyed and sintered Al – 4Âwt% Cu matrix composites reinforced with mechanochemically synthesized chromium boride/nitride particles. Solid State Sciences, 2021, 120, 106727.	3.2	1