

Tahsin Turgay

List of Publications by Year in descending order

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papers

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docs citations

27
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238
citing authors

#	ARTICLE	IF	CITATIONS
1	Contribution of vanadium particles to thermal movement of correlated two-dimensional pancake Abrikosov vortices in Bi-2223 superconducting system. Boletin De La Sociedad Espanola De Ceramica Y Vidrio, 2023, 62, 257-267.	1.9	6
2	Evaluation of load-independent microhardness values in Plateau regions of Vanadium substituted Bi-2212 ceramics. Physica Scripta, 2022, 97, 085703.	2.5	2
3	Role of trivalent Bi/Tm partial substitution on active operable slip systems in Bi-2212 crystal structure. Cryogenics, 2021, 113, 103212.	1.7	15
4	Effect of annealing ambient conditions on crack formation mechanisms of bulk Bi-2212 ceramic systems. Journal of Asian Ceramic Societies, 2021, 9, 1214-1227.	2.3	7
5	Improvement in fundamental electronic properties of Bi-2212 electroceramics with trivalent Bi/Tm substitution: a combined experimental and empirical model approach. Journal of Materials Science: Materials in Electronics, 2021, 32, 19846-19858.	2.2	3
6	Evaluation of crystallographic and electrical-superconducting features of Bi-2223 advanced ceramics with vanadium addition. Journal of Materials Science: Materials in Electronics, 2021, 32, 5035-5049.	2.2	10
7	Effect of vanadium addition on fundamental electrical quantities of Bi-2223 crystal structure and semi-empirical model on structural disorders-defects. Journal of Materials Science: Materials in Electronics, 2020, 31, 13765-13777.	2.2	6
8	A novel research on the subject of the load-independent microhardness performances of Sr/Ti partial displacement in Bi-2212 ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 22239-22251.	2.2	8
9	Evaluation of key mechanical design properties and mechanical characteristic features of advanced Bi-2212 ceramic materials with homovalent Bi/Ga partial replacement: Combination of experimental and theoretical approaches. Ceramics International, 2019, 45, 21183-21192.	4.8	6
10	Effect of homovalent Bi/Ga substitution on propagations of flaws, dislocations and crack in Bi-2212 superconducting ceramics: Evaluation of new operable slip systems with substitution. Ceramics International, 2019, 45, 22912-22919.	4.8	5
11	Effect of aliovalent Si/Bi partial substitution on propagation mechanisms of cracking and dislocation in Bi-2212 crystal system. Journal of Materials Science: Materials in Electronics, 2019, 30, 7314-7323.	2.2	3
12	A detailed research for determination of Bi/Ga partial substitution effect in Bi-2212 superconducting matrix on crucial characteristic features. Journal of Alloys and Compounds, 2019, 772, 388-398.	5.5	34
13	Detailed survey on minimum activation energy for penetration of Ni nanoparticles into Bi-2223 crystal structure and temperature-dependent Ni diffusivity. Journal of Materials Science: Materials in Electronics, 2018, 29, 3239-3249.	2.2	7
14	Increased homogenous clusters in superconducting paths with diffusion of optimum Ni impurities into Bi-2223 crystal. Journal of Materials Science: Materials in Electronics, 2018, 29, 18088-18097.	2.2	5
15	Role of Bi/Tm substitution in Bi-2212 system on crystal structure quality, pair wave function and polaronic states. Journal of Alloys and Compounds, 2018, 764, 755-766.	5.5	32
16	Rough-Set-Based Decision Model for Incomplete Information Systems. , 2018, , 2200-2212.		0
17	Investigation and modelling the effects of water proofing and water repellent admixtures dosage on the permeability and compressive strengths of concrete. Construction and Building Materials, 2016, 113, 698-711.	7.2	12
18	Solubility limit of tetravalent Zr nanoparticles in Bi-2223 crystal lattice and evaluation of fundamental characteristic properties of new system. Journal of Materials Science: Materials in Electronics, 2016, 27, 1854-1865.	2.2	11

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19	Decrement in metastability with Zr nanoparticles inserted in Bi-2223 superconducting system and working principle of hybridization mechanism. Journal of Materials Science: Materials in Electronics, 2016, 27, 956-965.	2.2	19
20	Evaluation of the Predictive Models for Stiffness, Strength, and Deformation Capacity of RC Frames with Masonry Infill Walls. Journal of Structural Engineering, 2014, 140, .	3.4	22
21	Modeling aspects concerning the axial behavior of RC columns. , 2011, , .		0
22	Compressive behavior of large-scale square reinforced concrete columns confined with carbon fiber reinforced polymer jackets. Materials & Design, 2010, 31, 357-364.	5.1	53
23	Stressâ€‘strain model for concrete confined with CFRP jackets. Materials & Design, 2009, 30, 3243-3251.	5.1	38
24	Nonlinear finite element modeling of rectangular/square concrete columns confined with FRP. Materials & Design, 2009, 30, 3066-3075.	5.1	39
25	A practical approach for modeling FRP wrapped concrete columns. Construction and Building Materials, 2009, 23, 1429-1437.	7.2	28
26	Evaluation of experimental procedures for confined concrete columns using 3D finite element analyses. WIT Transactions on Modelling and Simulation, 2007, , .	0.0	3
27	Key mechanical Design Performance Features and Mechanical Characterization of Poly-crystallized Bi _{2.1} Sr _{2.0-x} Ti _x Ca _{1.1} Cu _{2.0} O _y Superconducting Ceramic Cuprates. Sakarya University Journal of Science, 0, , 831-839.	0.7	0