

Murat Tas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4662930/publications.pdf>

Version: 2024-02-01

22
papers

187
citations

1162889

8
h-index

1058333

14
g-index

22
all docs

22
docs citations

22
times ranked

221
citing authors

#	ARTICLE	IF	CITATIONS
1	Band structure and surface electronic structure of Bi_4Te_3 from first-principles calculations and photoemission experiments. <i>Physical Review Materials</i> , 2022, 6, .	0.9	5
2	Energy Stored in a Slab Covered by Graphene Sheets. , 2021, , 71-89.		0
3	Lasing with Topological Weyl Semimetal. <i>Scientific Reports</i> , 2020, 10, 3127.	1.6	5
4	Broadband and wide-angle invisibility with P T-symmetric 2D-Weyl semimetal. <i>Journal of Applied Physics</i> , 2019, 126, 163102.	1.1	5
5	Broadband coherent perfect absorber with PT-symmetric 2D-materials. <i>Annals of Physics</i> , 2019, 401, 139-148.	1.0	7
6	Unidirectional invisibility and PT-symmetry with graphene. <i>Physical Review B</i> , 2018, 97, .	1.1	21
7	PT-symmetric coherent perfect absorber with graphene. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2018, 35, 2423.	0.9	20
8	Design of L21-type antiferromagnetic semiconducting full-Heusler compounds: A first principles DFT+GW study. <i>Journal of Applied Physics</i> , 2017, 121, 053903.	1.1	15
9	A first-principles DFT+ GW study of spin-filter and spin-gapless semiconducting Heusler compounds. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 441, 333-338.	1.0	21
10	Quasiparticle band structure of the almost-gapless transition-metal-based Heusler semiconductors. <i>Physical Review B</i> , 2016, 93, .	1.1	16
11	Fragmentation and Coulomb explosion of multicharged small boron clusters. <i>Physical Review B</i> , 2012, 85, .	1.1	1
12	Ionization energies, Coulomb explosion, fragmentation, geometric, and electronic structures of multicharged boron clusters B_n^{+q} . <i>Physical Review B</i> , 2011, 84, .	1.1	28
13	Plasmonic contribution to the van der Waals energy in strongly interacting bilayers. <i>Physical Review B</i> , 2010, 81, .	1.1	3
14	Collective excitations of strongly coupled bilayer charged Bose liquids in the third-frequency-moment sum rule. <i>Physical Review B</i> , 2008, 78, .	1.1	2
15	Theoretical investigations on the energy relaxation in twodimensional GaN systems. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2007, 4, 372-374.	0.8	3
16	Thermomagnetic effects of nondegenerate Kane semiconductors under the conditions of mutual electron-phonon drag in high electric and arbitrary magnetic fields. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 3255-3267.	0.7	0
17	Spin-correlation effects in a one-dimensional electron gas. <i>Physical Review B</i> , 2004, 70, .	1.1	8
18	Short-range correlations in a one-dimensional electron gas. <i>Physical Review B</i> , 2003, 67, .	1.1	11

#	ARTICLE	IF	CITATIONS
19	Influence of mutual drag of the carrier-phonon system on the thermopower and transverse Nernst-Ettingshausen effect. <i>Physical Review B</i> , 2003, 67, .	1.1	1
20	Thermoelectric power of nondegenerate Kane semiconductors under the conditions of mutual electron-phonon drag in a high electric field. <i>Physical Review B</i> , 2002, 65, .	1.1	2
21	Phase transition in compact QED3 and the Josephson junction. <i>Journal of High Energy Physics</i> , 2001, 2001, 046-046.	1.6	4
22	Composition Dependency of Lattice Anisotropy of TlBX ₂ -type Chain Mixed Crystals. <i>Crystal Research and Technology</i> , 2000, 35, 185-188.	0.6	9