Ali Kandemir

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2305108/publications.pdf

Version: 2024-02-01

21	710	758635 12	713013 21
papers	citations	h-index	g-index

21	21	21	1119
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Life Cycle Engineering Perspective on Biocomposites as a Solution for a Sustainable Recovery. Sustainability, 2021, 13, 1160.	1.6	56
2	Natural Fibres as a Sustainable Reinforcement Constituent in Aligned Discontinuous Polymer Composites Produced by the HiPerDiF Method. Materials, 2021, 14, 1885.	1.3	12
3	Characterisation of Natural Fibres for Sustainable Discontinuous Fibre Composite Materials. Materials, 2020, 13, 2129.	1.3	49
4	Single-Layer Janus-Type Platinum Dichalcogenides and Their Heterostructures. Journal of Physical Chemistry C, 2019, 123, 4549-4557.	1.5	81
5	Monitoring the crystal orientation of black-arsenic via vibrational spectra. Journal of Materials Chemistry C, 2019, 7, 1228-1236.	2.7	13
6	Increasing solubility of metal silicates by mixed polymeric antiscalants. Geothermics, 2019, 77, 106-114.	1.5	16
7	Janus single layers of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>In</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>X</mml:mi> : A first-principles study. Physical Review B, 2018, 97, .	1.1	27
8	Validation of inter-atomic potential for WS2 and WSe2 crystals through assessment of thermal transport properties. Computational Materials Science, 2018, 144, 92-98.	1.4	36
9	Monitoring the effect of asymmetrical vertical strain on Janus single layers of MoSSe via vibrational spectrum. Journal of Chemical Physics, 2018, 149, 084707.	1.2	13
10	Monolayer AsTe₂: Stable Robust Metal in 2D, 1D and 0D. ChemPhysChem, 2018, 19, 2176-2182.	1.0	3
11	Structural, electronic and phononic properties of PtSe₂: from monolayer to bulk. Semiconductor Science and Technology, 2018, 33, 085002.	1.0	82
12	Bilayers of Janus WSSe: monitoring the stacking type via the vibrational spectrum. Physical Chemistry Chemical Physics, 2018, 20, 17380-17386.	1.3	56
13	Thermal conductivity engineering of bulk and one-dimensional Si-Ge nanoarchitectures. Science and Technology of Advanced Materials, 2017, 18, 187-196.	2.8	18
14	Hydrogenation-driven phase transition in single-layer TiSe₂. Nanotechnology, 2017, 28, 495709.	1.3	6
15	Stability, electronic and phononic properties ofÎ²and 1T structures of SiTe_x(x= 1, 2) and their vertical heterostructures. Journal of Physics Condensed Matter, 2017, 29, 395504.	0.7	6
16	Î±-Silicene as oxidation-resistant ultra-thin coating material. Beilstein Journal of Nanotechnology, 2017, 8, 1808-1814.	1.5	3
17	Adsorption and diffusion characteristics of lithium on hydrogenated Î±- and Î²-silicene. Beilstein Journal of Nanotechnology, 2017, 8, 1742-1748.	1.5	1
18	Tailoring thermal conductivity of silicon/germanium nanowires utilizing core-shell architecture. Journal of Applied Physics, 2016, 119, .	1.1	10

#	Article	IF	Citations
19	Thermal transport properties of MoS₂and MoSe₂monolayers. Nanotechnology, 2016, 27, 055703.	1.3	108
20	Thermal Conductivity Suppression in Nanostructured Silicon and Germanium Nanowires. Journal of Electronic Materials, 2016, 45, 1594-1600.	1.0	7
21	First-principles investigation of titanium doping into Î²-SiAlON crystal in TiNâ€“SiAlON composites for EDM applications. Materials Chemistry and Physics, 2015, 162, 781-786.	2.0	7