Saleh Naqib

List of Publications by Year
in descending order

124 papers	2,958 citations	136740 32 h-index	214527 47 g-index
125 all docs	125 docs citations	125 times ranked	995 citing authors

#	Article	IF	Citations
1	Elastic and thermodynamic properties of new (Zr3â˜Ti)AlC2 MAX-phase solid solutions. Computational Materials Science, 2017, 137, 318-326.	1.4	119
2	Theoretical investigation of structural, elastic, and electronic properties of ternary boride MoAlB. Physica Status Solidi (B): Basic Research, 2017, 254, 1700010.	0.7	113
3	Physical properties of predicted Ti2CdN versus existing Ti2CdC MAX phase: An ab initio study. Computational Materials Science, 2016, 113, 148-153.	1.4	101
4	Temperature dependence of electrical resistivity of high-Tc cupratesâ€“â€“from pseudogap to overdoped regions. Physica C: Superconductivity and Its Applications, 2003, 387, 365-372.	0.6	96
5	Structural, elastic, electronic, bonding, and optical properties of topological CaSn3 semimetal. Journal of Alloys and Compounds, 2020, 829, 154509.	2.8	93
6	An ab-initio study on structural, elastic, electronic, bonding, thermal, and optical properties of topological Weyl semimetal TaX (Xâ€‰=â€‰P, As). Scientific Reports, 2021, 11, 5592.	1.6	84
7	Mechanical behaviors, lattice thermal conductivity and vibrational properties of a new MAX phase Lu2SnC. Journal of Physics and Chemistry of Solids, 2019, 129, 162-171.	1.9	83
8	Doping phase diagram ofY1â˜xCaxBa2(Cu1â˜yZny)3O7â˜Î´from transport measurements:â€ƒTracking the pseudogap belowTc. Physical Review B, 2005, 71, .	1.1	80
9	Physical properties of new MAX phase borides M2SB (M = Zr, Hf and Nb) in comparison with conventional MAX phase carbides M2SC (M = Zr, Hf and Nb): Comprehensive insights. Journal of Materials Research and Technology, 2021, 11, 1000-1018.	2.6	70
10	Recently synthesized (Zr1-xTix)2AlC (0â€‰â‰¤â€‰xâ€‰â‰¤â€‰1) solid solutions: Theoretical study of the effects of M mixing on physical properties. Journal of Alloys and Compounds, 2018, 743, 146-154.	2.8	69
11	Firstâ€principles prediction of mechanical and bonding characteristics of new T₂ superconductor Ta₅GeB₂. Physica Status Solidi (B): Basic Research, 2016, 253, 2020-2026.	0.7	61
12	Structural, elastic, electronic, thermodynamic, and optical properties of layered BaPd2As2 pnictide superconductor: A first principles investigation. Journal of Alloys and Compounds, 2019, 780, 452-460.	2.8	61
13	Ternary boride Hf3PB4: Insights into the physical properties of the hardest possible boride MAX phase. Journal of Alloys and Compounds, 2021, 857, 158264.	2.8	59
14	Newly synthesized Zr 2 AlC, Zr 2 (Al 0.58 Bi 0.42)C, Zr 2 (Al 0.2 Sn 0.8)C, and Zr 2 (Al 0.3 Sb 0.7)C MAX phases: A DFT based first-principles study. Computational Materials Science, 2017, 131, 139-145.	1.4	56
15	Mechanical behavior, bonding nature and defect processes of Mo2ScAlC2: A new ordered MAX phase. Journal of Alloys and Compounds, 2017, 724, 1167-1175.	2.8	52
16	Physical properties and defect processes of M3SnC2 (MÂ= Ti, Zr, Hf) MAX phases: Effect of M-elements. Journal of Alloys and Compounds, 2018, 748, 804-813.	2.8	49
17	Pressure dependence of structural, elastic, electronic, thermodynamic, and optical properties of van der Waals-type NaSn2P2 pnictide superconductor: Insights from DFT study. Results in Physics, 2021, 21, 103848.	2.0	48
18	Effects of transition metals on physical properties of M2BC (Mâ€=â€V, Nb, Mo and Ta): A DFT calculation. Journal of Alloys and Compounds, 2019, 770, 523-534.	2.8	46

#	Article	IF	Citations
19	First principles study of M2InC (Mâ€¯=â€¯Zr, Hf and Ta) MAX phases: The effect of M atomic species. Results in Physics, 2018, 11, 869-876.	2.0	45
20	DFT insights into new B-containing 212 MAX phases: Hf2AB2 (A = In, Sn). Journal of Alloys and Compounds, 2021, 860, 158408.	2.8	45
21	Zirconium metal-based MAX phases Zr₂AC (A =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 International Journal of Modern Physics B, 2014, 28, 1550022.	1.0	41
22	Recently synthesized (Ti_{1â^'x}Mo_x)₂AlC (0 â‰¤ x â‰¤ 0.20) solid solutions: deciphering the structural, electronic, mechanical and thermodynamic properties via ab initio simulations. RSC Advances, 2020, 10, 31535-31546.	1.7	41
23	An ab initio investigation of vibrational, thermodynamic, and optical properties of Sc ₂ AlC MAX compound. Chinese Physics B, 2016, 25, 103102.	0.7	40
24	New ternary superconducting compound LaRu ₂ As ₂ : Physical properties from density functional theory calculations. Chinese Physics B, 2017, 26, 037103.	0.7	39
25	Firstâ€Principles Study of Superconducting ScRhP and ScIrP pnictides. Physica Status Solidi (B): Basic Research, 2017, 254, 1700336.	0.7	39
26	Predicted MAX Phase Sc₂InC: Dynamical Stability, Vibrational and Optical Properties. Physica Status Solidi (B): Basic Research, 2018, 255, 1700235.	0.7	39
27	Ab initio approach to the elastic, electronic, and optical properties of MoTe2 topological Weyl semimetal. Journal of Alloys and Compounds, 2020, 829, 154522.	2.8	39
28	Effect of boron incorporation into the carbon-site in Nb2SC MAX phase: Insights from DFT. Journal of Materials Research and Technology, 2021, 11, 1969-1981.	2.6	36
29	Structural, elastic, thermal and lattice dynamic properties of new 321 MAX phases. Computational Materials Science, 2019, 170, 109144.	1.4	34
30	First-principles study of elastic, electronic, optical and thermoelectric properties of newly synthesized K2Cu2GeS4 chalcogenide. Journal of Alloys and Compounds, 2019, 781, 37-46.	2.8	34
31	Chemically stable new MAX phase V₂SnC: a damage and radiation tolerant TBC material. RSC Advances, 2020, 10, 43783-43798.	1.7	34
32	Structural, elastic, and electronic properties of recently discovered ternary silicide superconductor Li₂IrSi₃: Anab-initiostudy. Chinese Physics B, 2015, 24, 117401.	0.7	33
33	Phase stability and physical properties of (Zr1-Nb)2AlC MAX phases. Journal of Physics and Chemistry of Solids, 2019, 132, 38-47.	1.9	32
34	Scaling relation for the superfluid density of cuprate superconductors: Origins and limits. Physical Review B, 2006, 73, .	1.1	31
35	Elastic, thermodynamic, electronic, and optical properties of recently discovered superconducting transition metal boride NbRuB: An ab-initio investigation. Chinese Physics B, 2017, 26, 106201.	0.7	31
36	Elastic and optoelectronic properties of CaTa2O6 compounds: Cubic and orthorhombic phases. Journal of Alloys and Compounds, 2019, 785, 232-239.	2.8	31

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37	Possible applications of Mo2C in the orthorhombic and hexagonal phases explored via ab-initio investigations of elastic, bonding, optoelectronic and thermophysical properties. Results in Physics, 2022, 37, 105505.	2.0	30
38	New MAX Phase Superconductor Ti₂GeC: A First-principles Study. Journal of Scientific Research, 2014, 6, 11-27.	0.2	29
39	Anomalous pseudogap and superconducting-state properties of heavily disorderedY1â^'xCaxBa2(Cu1â^'yZny)3O7â^'Î´. Physical Review B, 2005, 71, .	1.1	28
40	BAND STRUCTURE, HARDNESS, THERMODYNAMIC AND OPTICAL PROPERTIES OF SUPERCONDUCTING Nb₂AsC, Nb₂InC AND Mo₂GaC. International Journal of Computational Materials Science and Engineering, 2013, 02, 1350007.	0.5	28
41	Origin of high hardness and optoelectronic and thermo-physical properties of boron-rich compounds B6X (Xâ€‰=â€‰S, Se): A comprehensive study via DFT approach. Journal of Applied Physics, 2021, 129, .	1.1	28
42	Elastic, electronic, bonding, and optical properties of WTe2 Weyl semimetal: A comparative investigation with MoTe2 from first principles. Results in Physics, 2020, 19, 103639.	2.0	27
43	Effects of Al substitution by Si in Ti3AlC2 nanolaminate. Scientific Reports, 2021, 11, 3410.	1.6	27
44	Pressure dependent elastic, electronic, superconducting, and optical properties of ternary barium phosphides (BaM ₂P₂; M = Ni, Rh): DFT based insights. Physica Scripta, 2020, 95, 105809.	1.2	27
45	Insights into the physical properties of a new 211 MAX phase Nb2CuC. Journal of Physics and Chemistry of Solids, 2021, 149, 109759.	1.9	26
46	Newly synthesized MgAl 2 Ge 2 : A first-principles comparison with its silicide and carbide counterparts. Journal of Physics and Chemistry of Solids, 2018, 117, 139-147.	1.9	24
47	A comprehensive DFT based insights into the physical properties of tetragonal superconducting Mo5PB2. Results in Physics, 2021, 28, 104612.	2.0	24
48	Extraction of the pseudogap energy scale from the static magnetic susceptibility of single and double CuO₂plane high-T_ccuprates. Superconductor Science and Technology, 2008, 21, 105017.	1.8	23
49	Structural, Elastic, and Electronic Properties of Newly Discovered Li2PtSi3 Superconductor: Effect of Transition Metals. Journal of Superconductivity and Novel Magnetism, 2016, 29, 2503-2508.	0.8	23
50	Structural, elastic, electronic, andoptical properties of layered TiNX (Xâ€‰=â€‰F,â€‰Cl,â€‰Br,â€‰I) compounds: a density functional theory study. Molecular Physics, 2020, 118, e1609706.	0.8	21
51	Structural and electrical properties of c-axis oriented Y1â^'xCaxBa2(Cu1â^'yZny)3O7â^'Î´ thin films grown by pulsed laser deposition. Physica C: Superconductivity and Its Applications, 2004, 407, 73-81.	0.6	20
52	Low-temperature critical current of Y1â^'xCaxBa2Cu3O7â^'Î´ thin films as a function of hole content and oxygen deficiency. Physica C: Superconductivity and Its Applications, 2005, 425, 14-20.	0.6	20
53	A comprehensive study of the thermophysical and optoelectronic properties of Nb2P5 via ab-initio technique. Results in Physics, 2021, 28, 104623.	2.0	20
54	Possible explanation of high-Tc in some 2D cuprate superconductors. Journal of Physics and Chemistry of Solids, 1997, 58, 1153-1159.	1.9	19

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55	Effects of Ca substitution and the pseudogap on the magnetic properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mtext>Y</mml:mtext><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><r Physical Review B, 2009, 79, .	1.1	19
56	First-principles Study of Vickers Hardness and Thermodynamic Properties of Ti₃SnC₂ Polymorphs. Journal of Scientific Research, 2015, 7, 53-64.	0.2	19
57	Structural, elastic, electronic and optical properties of Cu3MTe4 (M = Nb, Ta) sulvanites â€" An abÂinitio study. International Journal of Modern Physics B, 2016, 30, 1650089.	1.0	18
58	A DFT based first-principles investigation of optoelectronic and structural properties of Bi₂Te₂Se. Physica Scripta, 2021, 96, 045810.	1.2	18
59	Electronic structures, bonding natures and defect processes in Sn-based 211 MAX phases. Computational Materials Science, 2019, 168, 203-212.	1.4	17
60	Phase stability, mechanical, electronic and thermodynamic properties of the Ga3Sc compound: An ab-initio study. Inorganic Chemistry Communication, 2020, 122, 108304.	1.8	17
61	Newly Synthesized Three-Dimensional Boron-Rich Chalcogenides B₁₂X (X = S and Se): Theoretical Characterization of the Physical Properties for Optoelectronic and Mechanical Applications. ACS Omega, 2021, 6, 33899-33913.	1.6	17
62	Pseudogap and doping-dependent magnetic properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>La</mml:mtext></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mr Physical Review B, 2010, 81, .	1.1	16
63	First-principles insights into mechanical, optoelectronic, and thermo-physical properties of transition metal dichalcogenides ZrX2 (X = S, Se, and Te). AIP Advances, 2022, 12, .	0.6	16
64	Doping dependence of the critical current and irreversibility field in Y1ÂxCaxBa2Cu3O7ÂÂ. Superconductor Science and Technology, 2004, 17, S506-S510.	1.8	14
65	First-principles insights into the mechanical, optoelectronic, thermophysical, and lattice dynamical properties of binary topological semimetal BaGa2. Results in Physics, 2022, 37, 105507.	2.0	14
66	Effect of Zn substitution on the normal-state magnetoresistivity of epitaxialY0.95Ca0.05Ba2(Cu1â^’xZnx)3OyandY0.9Ca0.1Ba2Cu3Oyfilms. Physical Review B, 2006, 73, .	1.1	13
67	The effect of Zn substitution on the suppression ofT_cof Y_{1â^’x}Ca_xBa₂(Cu_{1â^’y}Zn_y)₃O the pseudogap and the systematic shift of the optimum hole content. Superconductor Science and Technology, 2007, 20, 964-968.	1.8	13
68	Optical response, lithiation and charge transfer in Sn-based 211 MAX phases with electron localization function. Journal of Materials Research and Technology, 2022, 18, 2470-2479.	2.6	13
69	Field-dependent resistive transitions in YBa ₂ Cu ₃ O _{7â^’ Î´} thin films: Influence of the pseudogap on vortex dynamics. Chinese Physics B, 2015, 24, 017402.	0.7	12
70	First-principles calculations of elastic and thermodynamic properties under hydrostatic pressure of cubic InNxP1-x ternary alloys. Chinese Journal of Physics, 2019, 59, 449-464.	2.0	12
71	Understanding the improvement of thermo-mechanical and optical properties of 212 MAX phase borides Zr2AB2 (A = In, Tl). Journal of Materials Research and Technology, 2021, 15, 2227-2241.	2.6	12
72	AbstAb-initio insights into the elastic, bonding, phonon, optoelectronic and thermophysical properties of SnTaS2. Solid State Sciences, 2022, 131, 106947.	1.5	12

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73	Influence of the pseudogap on the Nernst coefficient of Y 0.9 Ca 0.1 Ba 2 Cu 3 O y. Europhysics Letters, 2009, 86, 17005.	0.7	11
74	Effect of Fe doping on optoelectronic properties of CdS nanostructure: Insights from DFT calculations. Physica B: Condensed Matter, 2020, 583, 412056.	1.3	11
75	Dynamical stability, vibrational, and optical properties of anti-perovskite A3BX (Ti3TlN,) Tj ETQq1 1 0.784314 rgBT /Ove	0.6	11
76	First-principles prediction of pressure dependent mechanical, electronic, optical, and superconducting state properties of NaC6: A potential high-Tc superconductor. Results in Physics, 2022, 33, 105182.	2.0	11
77	Effects of Zn on superconductivity, stripe order, and pseudogap correlations in YBa2(Cu1â^'yZny)3O7â^'Î´. Physica C: Superconductivity and Its Applications, 2012, 476, 10-14.	0.6	10
78	Possible quantum critical behavior revealed by the critical current density of hole doped high-Tc cuprates in comparison to heavy fermion superconductors. Scientific Reports, 2019, 9, 14856.	1.6	10
79	Elastic behaviour and radiation tolerance in Nb-based 211 MAX phases. Materials Today Communications, 2020, 25, 101499.	0.9	10
80	Effects of Zn substitution in La2â^'xSrxCu1â^'yZnyO4: interplay among superconductivity, pseudogap, and stripe order. Superconductor Science and Technology, 2008, 21, 125020.	1.8	9
81	Effects of Zn on magnetic properties and pseudogap of optimally doped La2â^'xSrxCuO4. Physica C: Superconductivity and Its Applications, 2010, 470, 79-84.	0.6	9
82	Modeling of the out-of-plane resistivity of cuprate superconductors. Physica C: Superconductivity and Its Applications, 2011, 471, 1598-1601.	0.6	9
83	NaInX2 (Xâ€‰=â€‰S, Se) layered materials for energy harvesting applications: first-principles insights into optoelectronic and thermoelectric properties. Journal of Materials Science: Materials in Electronics, 2021, 32, 3878-3893.	1.1	9
84	Influence of Se doping on recently synthesized NaInS2-xSex solid solutions for potential thermo-mechanical applications studied via first-principles method. Materials Today Communications, 2021, 26, 101988.	0.9	9
85	Effect of the pseudogap on the uniform magnetic susceptibility of Y1â^'xCaxBa2Cu3O7â^'Î´. Physica C: Superconductivity and Its Applications, 2007, 460-462, 750-752.	0.6	7
86	In-plane paraconductivity of optimally doped and slightly overdoped cuprates: implication and origin of the pseudogap. Superconductor Science and Technology, 2015, 28, 065004.	1.8	7
87	Comparative study of predicted MAX phase Hf2AlN with recently synthesized Hf2AlC: a first principle calculations. Indian Journal of Physics, 2022, 96, 1321-1333.	0.9	6
88	A density functional theory approach to the effects of C and N substitution at the B-site of the first boride MAX phase Nb2SB. Materials Today Communications, 2021, 29, 102910.	0.9	6
89	Modeling of the Complex Doping Dependence of dTc/dP of YBa2Cu3O6+x. Journal of Superconductivity and Novel Magnetism, 2000, 13, 485-490.	0.5	5
90	The effect of Zn substitution on the state of oxygen deficiency and hole concentration in Y1â^'xCaxBa2(Cu1â^'yZny)3O7â^'Î´. Physica C: Superconductivity and Its Applications, 2006, 443, 43-48.	0.6	5

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91	Oxygen isotope effect in disordered underdoped and overdoped La2â˜'xSrxCu1â˜'yZnyO4 superconductors. Physica C: Superconductivity and Its Applications, 2011, 471, 242-246.	0.6	5
92	Zn induced in-gap electronic states in La214 probed by uniform magnetic susceptibility: relevance to the suppression of superconductingTc. Superconductor Science and Technology, 2018, 31, 025004.	1.8	5
93	An ab-initio investigation of the electronic structure, chemical bonding and optical properties of Ba₂HgS₅ semiconductor. Molecular Physics, 2020, 118, e1587026.	0.8	5
94	Structural, electronic, magnetic and mechanical properties of the full-Heusler compounds Ni₂Mn(Ge,Sn) and Mn₂NiGe. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2021, 76, 693-702.	0.7	5
95	A comparative study of structural, thermal, and optoelectronic properties between zircon and scheelite type structures in SrMoO4 compound: An ab-initio study. Optik, 2021, 238, 166714.	1.4	5
96	Magnetic field dependence of the temperature derivative of resistivity: a probe for distinguishing the effects of pseudogap and superconducting fluctuations in cuprates. Physica C: Superconductivity and Its Applications, 2007, 460-462, 756-758.	0.6	4
97	Nature of the Pseudogap in High-T c Cuprates: AnalysisÂofÂtheÂBulk Magnetic Susceptibility ofÂLa2â˜'x Sr x Cu1â˜'y Zn y O4. Journal of Superconductivity and Novel Magnetism, 2010, 23, 1569-1574.	0.8	4
98	Doping Dependence of the Effects of In-Plane Disorder on T c and the Pseudogap in Single Layer La214 and Double Layer Y123: a Comparative Study. Journal of Superconductivity and Novel Magnetism, 2014, 27, 337-343.	0.8	4
99	A simple model for normal state in- and out-of-plane resistivities of hole doped cuprates. Physica C: Superconductivity and Its Applications, 2016, 524, 18-23.	0.6	4
100	Estimation of Cooper pair density and its relation to the critical current density in Y(Ca)BCO high-Tc cuprate superconductors. Results in Physics, 2020, 17, 103054.	2.0	4
101	On the pseudogap and doping-dependent magnetic properties of La2â˜'xSrxCu1â˜'yZnyO4. Physica C: Superconductivity and Its Applications, 2007, 460-462, 753-755.	0.6	3
102	First-principle study of the structural, mechanical, electronic and thermodynamic properties of intermetallic compounds: Pd₃M (M=Sc, Y). International Journal of Modern Physics B, 2019, 33, 1950321.	1.0	3
103	Insight view of mechanical, electronic and thermodynamic properties of the novel intermetallic $$hbox {REPt}_{{4}}$$ $$hbox {In}_{{4}}$$ (RE $$=$$ Eu, Gd, Tb, Dy, Ho) compounds via ab initio calculations. Bulletin of Materials Science, 2020, 43, 1.	0.8	3
104	Exploring the potential use of Ca[LiAl3N4]:Eu2+ as phosphor-LED material: Ab-initio calculations. Materials Today Communications, 2020, 25, 101302.	0.9	3
105	Publisher's Note: Doping phase diagram ofY1â˜'xCaxBa2(Cu1â˜'yZny)3O7â˜'Î´from transport measurements: Tracking the pseudogap belowTc[Phys. Rev. B71, 054502 (2005)]. Physical Review B, 2005, 71, .	1.1	2
106	Effects of Zn on the grain boundary properties of La2â˜'xSrxCu1â˜'yZnyO4 superconductors. Physica C: Superconductivity and Its Applications, 2010, 470, 2027-2032.	0.6	2
107	Abrupt formation of isolated superconducting droplets in heavily disordered cuprates. Superconductor Science and Technology, 2011, 24, 105018.	1.8	2
108	On the impossibility of â€œPhotoelectron ejection by electromagnetic waveâ€• Optik, 2019, 192, 162934.	1.4	2

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109	Electronic, elastic, thermodynamic and vibrational properties of Li6BeZrF12: Insights from DFT-based computer simulation. Computational Condensed Matter, 2020, 25, e00506.	0.9	2
110	XPS, AES AND UPS INVESTIGATION OF SnO2/Si AND DFT-BASED THEORETICAL STUDY WITHIN THE mBJ-GGA SCHEME. Surface Review and Letters, 2021, 28, 2050048.	0.5	2
111	Structural, Elastic and Electronic Properties of Nitride Ti₂CdN Phase in Comparison with the Carbide Ti₂CdC Phase from First-principles Study. Journal of Physics: Conference Series, 2021, 1718, 012019.	0.3	2
112	Hole Content Dependent Fluctuation Diamagnetism in YBa2Cu3O7â˜Î´: Possible Role of the Pseudogap. Journal of Superconductivity and Novel Magnetism, 0, , 1.	0.8	2
113	Optoelectronic, thermodynamic and vibrational properties of intermetallic MgAl2Ge2: a first-principles study. SN Applied Sciences, 2021, 3, 1.	1.5	2
114	Temperature Dependence of the Zero-Field In-Plane Critical Current Density of YBa₂Cu₃O_{7-d} High-T_c Superconductors. Journal of Scientific Research, 2012, 4, 287.	0.2	2
115	LATTICE GAS PHENOMENOLOGY, VAN HOVE SCENARIO AND THE COMPLEX DOPING DEPENDENCE OF dT_c/dP OF YBa₂Cu₃O_{6+x}. . 2000. . .		1
116	Isotope exponent in disordered underdoped and overdoped La214. Journal of Physics: Conference Series, 2012, 391, 012136.	0.3	1
117	Unusual Enhancement of Normal and Superconducting State Properties of (100-x)YBa2Cu3O7-Î´â€‰+â€‰xNi (xâ€‰=â€‰1,) Tj ET Novel Magnetism, 2020, 33, 661-674.	0.8	1
118	A first-principles investigation on electronic, optical and thermoelectric properties of $$hbox {La}_{2}hbox {Pd}_{2}hbox {O}_{5}$$ compound. Bulletin of Materials Science, 2020, 43, 1.	0.8	1
119	Doping and disorder dependent isotope exponent in hole doped cuprates. Journal of Physics: Conference Series, 2021, 1718, 012005.	0.3	1
120	Magnetic Field- and Frequency-Dependent Study of the AC Susceptibility of High-Tc YBCO Single Crystal. Journal of Superconductivity and Novel Magnetism, 2022, 35, 1059-1070.	0.8	1
121	Variation of copper-isotope exponent with oxygen stoichiometry in YBa2Cu3O6+x. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 270, 191-194.	0.9	0
122	Pair Breaking, Pseudogap, and Superconducting Tc of Hole-Doped Cuprates: Interrelations and Implications. Journal of Superconductivity and Novel Magnetism, 2019, 32, 1617-1622.	0.8	0
123	In-plane resistivity of hole doped cuprates: role of pseudogap and quantum criticality*. Journal of Physics: Conference Series, 2021, 1718, 012020.	0.3	0
124	A first-principles study of a new ternary silicide superconductor Li2IrSi3â€. Journal of Physics: Conference Series, 2021, 1718, 012018.	0.3	0