Adam P Pikul

List of Publications by Year
in descending order

114	2,278	201674	243625
papers	citations	27 h-index	44 g-index

114	114	114	1859
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ferromagnetism in structurally disordered UFe0.39Ge2. Journal of Alloys and Compounds, 2022, 892, 162032.	5.5	3
2	Metamagnetism and crystal-field splitting in pseudohexagonal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CeRh</mml:mi><mml:mn>3</mml:mn></mr Physical Review B, 2022, 105, .	3.2	6
3	Ferromagnetic ordering in UFe0.40Ge<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e260" altimg="si44.svg"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:math> studied by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e268" altimg="si14.svg"><mml:msup><mml:mrow /><mml:mrow><mml:mn>57</mml:mn></mml:mrow></mml:msup></mml:math>Fe MÃ¶ssbauer spectrosco	2.3	2
4	Structural, magnetic and photoluminescence properties of new hybrid hypophosphites: discovery of the first noncentrosymmetric and two cobalt-based members. Dalton Transactions, 2022, 51, 9094-9102.	3.3	3
5	Antiferromagnetic ordering in the ternary uranium germanide UNi1â€“Ge2: Neutron diffraction and physical properties studies. Intermetallics, 2021, 131, 107112.	3.9	5
6	Unusual isosymmetric orderâ€“disorder phase transition in a new perovskite-type dimethylhydrazinium manganese formate exhibiting weak ferromagnetism and photoluminescence properties. Journal of Materials Chemistry C, 2021, 9, 6841-6851.	5.5	7
7	Cadmium and manganese hypophosphite perovskites templated by formamidinium cations: dielectric, optical and magnetic properties. Dalton Transactions, 2021, 50, 2639-2647.	3.3	17
8	The cation-dependent structural, magnetic and optical properties of a family of hypophosphite hybrid perovskites. Dalton Transactions, 2021, 51, 352-360.	3.3	7
9	Two-dimensional metal dicyanamide frameworks of BeTriMe[M(dca)3(H2O)] (BeTriMe =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 magnetic orders and nonlinear optical threshold temperature sensing. Journal of Materials Chemistry C, 2020, 8, 11735-11747.	5.5	14
10	Magnetoâ€structural Studies in Double Chloroâ€•and Pseudohaloâ€bridged Isomorphic Dinickel(II) Complexes. ChemistrySelect, 2020, 5, 12924-12931.	1.5	7
11	Novel hypophosphite hybrid perovskites of [CH₃NH₂NH₂][Mn(H₂POO)₃] and [CH₃NH₂NH₂][Mn(H₂POO)_{2.83}(HCOO)_{0.17}] exhibiting antiferromagnetic order and red photoluminescence. RSC Advances, 2020, 10, 19020-19026.	3.6	21
12	Superconductivity in single crystalline LuPd₂Si₂ probed by heat capacity measurements. Superconductor Science and Technology, 2020, 33, 055007.	3.5	1
13	1D metal-oxalates H2DABCO[M(C2O4)2]Â·3H2O (M(ii): Co, Mg, Zn): phase transitions and magnetic, dielectric, and phonon properties. Journal of Materials Chemistry C, 2020, 8, 6254-6263.	5.5	8
14	Structural, phonon, magnetic and optical properties of novel perovskite-like frameworks of TriBuMe[M(dca)₃] (TriBuMe = tributylmethylammonium; dca = dicyanamide; M =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22 48, 13006-13016.	3.3	39
15	Synthesis, crystal structure, phonon, magnetic and electrical properties of new molybdate Na2Mn2(MoO4)3. Journal of Solid State Chemistry, 2019, 277, 738-750.	2.9	12
16	Overview of the U3TGe5 family with T=Ti, V, Cr, Mn, Zr, Nb, Mo, Hf, Ta and W: Nine new members, phase formation, stability, structural and physical properties and electronic structures. Journal of Solid State Chemistry, 2019, 277, 260-270.	2.9	2
17	Crystal Growth and Physical Properties of the YPd₂Si₂ Superconductor. Crystal Growth and Design, 2019, 19, 2557-2563.	3.0	5
18	Ferromagnetic ordering in the novel ternary uranium germanide URu0.29Ge2. Intermetallics, 2018, 95, 19-23.	3.9	6

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19	Superconductivity in ThPd2Ge2. Physica B: Condensed Matter, 2018, 536, 734-737.	2.7	2
20	Magnetic, optical and phonon properties of novel heterometallicÂformates [NH3CH2CH2OH][MIIIMII(HCOO)6] (MIII = Fe, Cr; MII = Mn, Ni, Co). Journal of Solid State Chemistry, 2018, 260, 7-15.	2.9	6
21	Electronic structures and superconductivity in LuTE2Si2 phases (<mml:math) 1j ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 677 Td (x	2.7	7
22	Superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0054.gif" overflow="scroll"><mml:mrow><mml:mi mathvariant="normal">Y</mml:mi><mml:msub><mml:mrow><mml:mi mathvariant="italic">TE</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mro		

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37	Investigation of the phase relations in the U-Al-Ge ternary system: Influence of the Al/Ge substitution on the properties of the intermediate phases. Journal of Solid State Chemistry, 2016, 243, 168-178.	2.9	1
38	Effect of solvent, temperature and pressure on the stability of chiral and perovskite metal formate frameworks of [NH₂NH₃][M(HCOO)₃] (M = Mn, Fe, Zn). Physical Chemistry Chemical Physics, 2016, 18, 31653-31663.	2.8	54
39	U₃Pt₁₂Si₄: Structural and Physical Properties of a New Uranium-Platinum-Silicon Ternary Compound. Solid State Phenomena, 2016, 257, 86-91.	0.3	1
40	Temperature- and pressure-induced phase transitions in the niccolite-type formate framework of [H₃N(CH₃)₄NH₃][Mn₂(HCOO)₆]. Journal of Materials Chemistry C, 2016, 4, 3185-3194.	5.5	36
41	Structural, magnetic and phonon properties of Cr(III)-doped perovskite metal formate framework [(CH3)2NH2][Mn(HCOO)3]. Journal of Solid State Chemistry, 2016, 237, 150-158.	2.9	30
42	Structural, magnetic and dielectric properties of two novel mixed-valence iron(<scp>ii</scp>)â€“iron(<scp>iii</scp>) metal formate frameworks. Journal of Materials Chemistry C, 2016, 4, 1186-1193.	5.5	49
43	Luminescence, magnetic and vibrational properties of novel heterometallic niccolites [(CH3)2NH2][CrIIIMII(HCOO)6] (MII=Zn, Ni, Cu) and [(CH3)2NH2][AlIIIZnII(HCOO)6]:Cr3+. Journal of Solid State Chemistry, 2016, 233, 455-462.	2.9	19
44	Temperature-dependent studies of [(CH₃)₂NH₂][Fe^{III}M^{II}(HCOO)₆] frameworks (M^{II} = Fe and Mg): structural, magnetic, dielectric and phonon properties. Dalton Transactions, 2015, 44, 8846-8854.	3.3	56
45	Physical properties of cage-like compound UB₁₂. Philosophical Magazine, 2015, 95, 2343-2363.	1.6	19
46	Suppression of ferromagnetism in solid solution CePd Ga4â˜. Journal of Alloys and Compounds, 2015, 648, 636-640.	5.5	2
47	Thermodynamic and electrical transport properties of single-crystalline U2Cu4As5. Journal of Magnetism and Magnetic Materials, 2015, 384, 122-127.	2.3	1
48	Synthesis and characterization of novel niccolites [(CH₃)₂NH₂][Fe^{III}M^{II}(HCOO)₆] (M^{II}= Zn, Ni, Cu). Dalton Transactions, 2015, 44, 13234-13241.	3.3	46
49	Synthesis, crystal structure, magnetic and vibrational properties of formamidine-templated Co and Fe formates. Polyhedron, 2015, 85, 137-143.	2.2	38
50	Magnetic and low temperature phonon studies of CoCr2O4 powders doped with Fe(III) and Ni(II) ions. Journal of Solid State Chemistry, 2014, 212, 218-226.	2.9	26
51	Synthesis and orderâ€“disorder transition in a novel metal formate framework of [(CH₃)₂NH₂]Na_{0.5}Fe_{0.5}(HCOO)₃] Dalton Transactions, 2014, 43, 17075-17084.	3.3	75
52	Orderâ€“Disorder Transition and Weak Ferromagnetism in the Perovskite Metal Formate Frameworks of [(CH₃)₂NH₂][M(HCOO)₃] and [(CH₃)₂ND₂][M(HCOO)₃] (M = Ni, Mn). Inorganic Chemistry, 2014, 53, 457-467.	4.0	176
53	Magnetic and related properties of the solid solution CeCuxGa4â˜x. Journal of Physics and Chemistry of Solids, 2014, 75, 1284-1288.	4.0	4
54	Low-temperature specific heat of uranium germanides. Journal of Magnetism and Magnetic Materials, 2014, 360, 217-221.	2.3	3

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55	Perovskite Metal Formate Framework of [NH2-CH+-NH2]Mn(HCOO)3]: Phase Transition, Magnetic, Dielectric, and Phonon Properties. Inorganic Chemistry, 2014, 53, 5260-5268.	4.0	148
56	Magnetic and related properties of Ce5CoGe2, CeCoGe and CeCo2Ge2. Intermetallics, 2014, 53, 40-44.	3.9	4
57	Magnetic, Electrical and Thermodynamic Properties of UCuT x Al11â^'x Alloys Where T = Mn, Fe and x=4 and 5. Journal of Superconductivity and Novel Magnetism, 2013, 26, 1799-1804.	1.8	0
58	Temperature-dependent XRD, IR, magnetic, SEM and TEM studies of Jahnâ€"Teller distorted NiCr2O4 powders. Journal of Solid State Chemistry, 2013, 201, 270-279.	2.9	67
59	Particle size effects on the magnetic and phonon properties of multiferroic CoCr2O4. Journal of Solid State Chemistry, 2013, 199, 295-304.	2.9	30
60	Phenomenological crystal-field model of the magnetic and thermal properties of the Kondo-like system UCu<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Si<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2013, 88, .	3.2	9
61	The influence of magnetic sublattice dilution on magnetic order in CeNiGe₃and UNiSi₂. Journal of Physics Condensed Matter, 2012, 24, 276003.	1.8	3
62	Single-Ion Kondo Scaling of the Coherent Fermi Liquid Regime in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ce</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi Physical Review Letters, 2012, 108, 066405.	7.8	30
63	Search for quantum criticality in a ferromagnetic system UNi1â^'xCoxSi2. Physical Review B, 2012, 85, .	3.2	4
64	Dualism of the 5<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>f</mml:mi></mml:math>electrons of the ferromagnetic superconductor UGe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>as seen in magnetic, transport, and specific-heat data. Physical Review B, 2012, 86, .	3.2	50
65	Temperature-dependent Raman and IR studies of multiferroic MnWO4 doped with Ni2+ ions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 86, 85-92.	3.9	19
66	Phonon and magnetic properties of nanocrystalline MnWO4 prepared by hydrothermal method. Vibrational Spectroscopy, 2012, 58, 163-168.	2.2	13
67	Magnetic phase transitions in RCu2Ge2 (RÂ=ÂDyÂâ^'ÂTm) intermetallics. Intermetallics, 2011, 19, 964-969.	3.9	7
68	Magnetic, electric and thermoelectric properties of ternary intermetallics from the Ceâ€"Coâ€"Ge system. Intermetallics, 2011, 19, 1201-1206.	3.9	12
69	Lattice dynamics and temperature-dependent Raman and infrared studies of multiferroic Mn<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.85</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>Co<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.15</mml:mn></mml:m	3.2	43
70	Kondo Effect in the Presence of Ferromagnetism in U1-xThxNiSi2. Journal of the Physical Society of Japan, 2011, 80, SA107.	1.6	1
71	Magnetic order and crystal field in Dy2Ru2O7 and Yb2Ru2O7. Journal of Magnetism and Magnetic Materials, 2011, 323, 1490-1494.	2.3	7
72	Superconducting phase transition inÂY NiGe3, a non--electron reference toÂthe unconventional superconductor CeNiGe3. Solid State Communications, 2011, 151, 778-780.	1.9	8

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73	Evolution from a localized to an intermediate valence regime in Ce2Cu2â^'xNixIn. Journal of Physics Condensed Matter, 2011, 23, 456002.	1.8	5
74	Magnetic behavior in TmCu₂Ge₂. Journal of Physics: Conference Series, 2010, 200, 032056.	0.4	1
75	Crystal structure and physical properties of the novel ternary intermetallics URuSi3â^'x and U3Ru2Si7. Journal of Solid State Chemistry, 2010, 183, 1884-1890.	2.9	6
76	Specific Heat of the Monoclinic Rare Earth Double Tungstates. Journal of Low Temperature Physics, 2010, 160, 119-130.	1.4	2
77	Low temperature thermodynamical properties of ErCu2Si2. Journal of Magnetism and Magnetic Materials, 2010, 322, 12-18.	2.3	4
78	Heavy-fermion superconductivity in. Solid State Communications, 2010, 150, 411-414.	1.9	34
79	Lack of magnetic ordering in Ce_{1â^'x}La_xNi₂Ge₂. Physica Status Solidi (B): Basic Research, 2010, 247, 691-693.	1.5	3
80	KaczorowskietÂal.Reply:. Physical Review Letters, 2010, 104, .	7.8	21
81	Giant crystal-electric-field effect and complex magnetic behavior in single-crystalline<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CeRh</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml	3.2	20
82	Magnetic properties and electronic structures of intermediate valence systems CeRhSi₂and Ce₂Rh₃Si₅. Journal of Physics Condensed Matter, 2010, 22, 215601.	1.8	23
83	Magnetic ordering in PrT2Ge2 (TÂ=ÂNi, Ru and Rh) compounds. Intermetallics, 2010, 18, 1766-1771.	3.9	2
84	Emergence of a Superconducting State from an Antiferromagnetic Phase in Single Crystals of the Heavy Fermion Compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Ce</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>PdIn</mml:mi><mml:mi><mml:r	7.8	66
85	X-ray diffraction and MÃ¶ssbauer effect study of site occupation and magnetic properties in UCuxFe5â^'xAl7 (x=2, 3.5) alloys. Physica B: Condensed Matter, 2009, 404, 1102-1111.	2.7	1
86	Non-Fermi liquid behavior in polycrystalline Ce 2 PdIn 8. Physica B: Condensed Matter, 2009, 404, 2975-2977.	2.7	17
87	Kondo-Cluster-Glass State near a Ferromagnetic Quantum Phase Transition. Physical Review Letters, 2009, 102, 206404.	7.8	104
88	High-field magnetization and specific heat of UCu2T3Al7 alloys where T=Cr, Mn and Fe(II). Journal of Alloys and Compounds, 2009, 467, 41-43.	5.5	2
89	Violation of Critical Universality at the Antiferromagnetic Phase Transition of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>YbRh</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Si</mml:mi><mml:mi><mml	7.8	31
90	Magnetic and related properties of U4Rh13Si9 and U4Ir13Si9. Journal of Physics and Chemistry of Solids, 2008, 69, 2841-2844.	4.0	0

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91	Heat capacity studies of single-crystalline CePt4In. Physica B: Condensed Matter, 2008, 403, 842-843.	2.7	3
92	Low-temperature specific heat of. Physica B: Condensed Matter, 2008, 403, 1254-1256.	2.7	62
93	Low-temperature study of the strongly correlated compound Ce₃Rh₄Sn₁₃. Journal of Physics Condensed Matter, 2007, 19, 386207.	1.8	38
94	Field-induced phase transition in a metalorganic spin-dimer systemâ€"a potential model system to study Boseâ€"Einstein condensation of magnons. Journal of Magnetism and Magnetic Materials, 2007, 310, 1319-1321.	2.3	5
95	Quantum critical behaviour in Ce3Pd20Si6?. Journal of Magnetism and Magnetic Materials, 2007, 316, 90-92.	2.3	28
96	Non-Fermi-liquid behaviour close to the disappearance of ferromagnetism in CePd1â^'xRhx. Journal of Physics Condensed Matter, 2006, 18, L535-L542.	1.8	29
97	Possible field-induced quantum criticality in Ce3Pd20Si6. Journal of Physics: Conference Series, 2006, 51, 239-242.	0.4	27
98	Low-temperature thermodynamic properties of the heavy-fermion compound YbAgGe close to the field-induced quantum critical point. Physical Review B, 2006, 73, .	3.2	20
99	Localization of magnetic moments of cerium in single crystallineCePt4In. Physical Review B, 2006, 73, .	3.2	17
100	Electrical transport properties of USbSe and USbTe. Journal of Alloys and Compounds, 2005, 398, L1-L3.	5.5	4
101	Single-crystal study of highly anisotropic CeNiGe2. Journal of Physics Condensed Matter, 2004, 16, 6119-6128.	1.8	11
102	R12Pt7In (R=Ce, Pr, Nd, Gd, Ho)â€"new derivatives of the Gd3Ga2-type. Journal of Solid State Chemistry, 2004, 177, 17-25.	2.9	21
103	Single crystal study on a novel Kondo compound Ce6Pt11In14. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E89-E90.	2.3	2
104	Crystal structure of a novel cerium indide Ce6Pt11In14. Journal of Alloys and Compounds, 2004, 379, 204-208.	5.5	3
105	Kondo effect in the presence of crystal-field in Ceâ€"Niâ€"Ge compounds. Physica Status Solidi (B): Basic Research, 2003, 236, 364-367.	1.5	9
106	Electronic and magnetic properties of Ce3Pd5Si. Journal of Alloys and Compounds, 2003, 351, 54-58.	5.5	3
107	Kondo behavior in antiferromagneticCeNiGe3. Physical Review B, 2003, 67, .	3.2	63
108	On the magnetic, electrical and thermodynamic properties of Ce3NiGe2. Journal of Physics Condensed Matter, 2003, 15, 8837-8851.	1.8	7

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109	On the System Siliconâ€“Ytterbium: Constitution, Crystal Chemistry, and Physical Properties. Journal of Solid State Chemistry, 2002, 163, 178-185.	2.9	31
110	Structure and Properties of Yb3Ge5. Journal of Solid State Chemistry, 2002, 165, 178-181.	2.9	14
111	Magnetic properties of Ceâ€“Niâ€“Ge compounds. Physica B: Condensed Matter, 2002, 312-313, 422-424.	2.7	8
112	Crystal structure, magnetic and electrical properties of new ternary indides RPtIn (R=Pr, Sm). Journal of Alloys and Compounds, 2001, 316, 64-69.	5.5	16
113	Magnetic and Related Properties of Tb₄Sb₃ Compound. Solid State Phenomena, 0, 170, 60-69.	0.3	1
114	Evolution of the Magnetic and Electrical Properties in the Ce-Co-Ge System. Solid State Phenomena, 0, 194, 80-83.	0.3	2