

# Noriaki Matsunaga

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Methanol-Triggered Vapochromism Coupled with Solid-State Spin Switching in a Nickel(II)-Quinonoid Complex. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2345-2349.	7.2	50
2	Static Magnetic Susceptibility of Si : P across the Metal-Insulator Transition. <i>Journal of the Physical Society of Japan</i> , 1990, 59, 1801-1809.	0.7	38
3	<sup>1</sup> H NMR in spin-density wave phase of (TMTSF) <sub>2</sub> X. <i>Synthetic Metals</i> , 1995, 70, 1295-1296.	2.1	24
4	Suppression of inhomogeneous electron localization in $\hat{\Lambda}^{\sim}$ (BEDT-TTF) <sub>2</sub> Cu <sub>2</sub> (CN) <sub>3</sub> under pressure. <i>Physical Review B</i> , 2006, 74, .	1.1	21
5	Low-Temperature Static Magnetic Susceptibility of Al <sub>0.3</sub> Ga <sub>0.7</sub> As with DX Centers. <i>Japanese Journal of Applied Physics</i> , 1990, 29, L1572-L1574.	0.8	18
6	Superconducting Phase in $\hat{\Lambda}^{\sim}$ -(BEDT-STF) <sub>2</sub> GaCl <sub>4</sub> at High Pressures. <i>Journal of the Physical Society of Japan</i> , 2015, 84, 063704.	0.7	18
7	Reexamination of <sup>13</sup> C-NMR in (TMTTF) <sub>2</sub> AsF <sub>6</sub> : Comparison with infrared spectroscopy. <i>Physical Review B</i> , 2010, 81, .	1.1	17
8	Role of the dimerized gap due to anion ordering in spin-density wave phase of (TMTSF) <sub>2</sub> ClO <sub>4</sub> at high magnetic fields. <i>Physical Review B</i> , 2002, 66, .	1.1	15
9	Charge ordering and antiferromagnetism in (TMTTF) <sub>2</sub> SbF <sub>6</sub> . <i>Physical Review B</i> , 2013, 87, .	1.1	14
10	Tunneling Spectroscopy in Organic Superconductor $\hat{\Lambda}^{\sim}$ -(BEDT-TTF-d[3,3]) <sub>2</sub> Cu[N(CN) <sub>2</sub> ]Br. <i>Journal of the Physical Society of Japan</i> , 2015, 84, 064713.	0.7	14
11	Spin-density-wave transition of (TMTSF) <sub>2</sub> PF <sub>6</sub> at high magnetic fields. <i>Physical Review B</i> , 2001, 64, .	1.1	12
12	Spin-density wave and field-induced spin-density wave transitions of (TMTSF) <sub>2</sub> ClO <sub>4</sub> at high magnetic fields. <i>Physical Review B</i> , 2000, 62, 8611-8614.	1.1	11
13	Role of the dimer interaction in the antiferromagnetic phase of $\hat{\Lambda}^{\sim}$ -(BEDT-TTF) <sub>2</sub> ClO <sub>4</sub> . <i>Physical Review B</i> , 2016, 93, .	1.1	11
14	Anion Disorder and Two-Dimensionality in the Superconducting and SDW States of (TMTSF) <sub>2</sub> ClO <sub>4</sub> . <i>Journal of Low Temperature Physics</i> , 1999, 117, 1735-1739.	0.6	10
15	Multistep Development of the Hyperfine Fields in $\hat{\Lambda}^{\sim}$ -(BEDT-STF) <sub>2</sub> FeCl <sub>4</sub> Studied by Mössbauer Spectroscopy. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 093705.	0.7	10
16	STM spectroscopy in superconducting phase of (BEDT-TTF) <sub>2</sub> Cu(NCS) <sub>2</sub> . <i>Synthetic Metals</i> , 1995, 70, 911-912.	2.1	9
17	Effect of the dimerized gap due to anion ordering in the field-induced spin-density-wave of quasi-one dimensional organic conductors. <i>European Physical Journal Special Topics</i> , 2005, 131, 269-272.	0.2	8
18	Anisotropic superconductivity in $\hat{\Lambda}^{\sim}$ -(BEDT-TTF) <sub>2</sub> Cu(NCS) <sub>2</sub> : STM spectroscopy. <i>Physica B: Condensed Matter</i> , 2009, 404, 562-564.	1.3	8

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19	Charge Order in (TMTTF) <sub>2</sub> TaF <sub>6</sub> by Infrared Spectroscopy. Journal of the Physical Society of Japan, 2015, 84, 114709.	0.7	8
20	Magnetic susceptibility of Ge:Sb. Solid State Communications, 1990, 75, 255-257.	0.9	7
21	Vapochromic behaviour of a nickel( $d^8$ )-quinonoid complex with dimensional changes between 1D and higher. Dalton Transactions, 2021, 50, 8696-8703.	1.6	7
22	Thermodynamic Investigation on Antiferromagnetic Ordered State of the Molecular $d^4$ System $(\text{BEDT-TTF})_2\text{FeCl}_4$ . Journal of the Physical Society of Japan, 2020, 89, 073704.	0.7	7
23	Magnetization of Si:P across the Metal-Insulator Transition. Journal of the Physical Society of Japan, 1993, 62, 1745-1749.	0.7	6
24	Electron correlation and two dimensionality in the spin-density-wave phase of (TMTTF) <sub>2</sub> Br under pressure. Physical Review B, 2003, 67, .	1.1	5
25	Magnetic properties in the SDW phase of (TMTSF) <sub>2</sub> X. Physica B: Condensed Matter, 1994, 194-196, 1265-1266.	1.3	4
26	Non-linear transport in the incommensurate SDW phase of (TMTTF) <sub>2</sub> Br under pressure. Synthetic Metals, 2005, 153, 433-436.	2.1	4
27	Evidence for exchange interaction between donor and acceptor layers in $(\text{BEDT-TTF})_2(\text{TCNQ})_4$ . Physical Review B, 2009, 80, .		
28	Effect of X-ray Irradiation on the Organic Superconductor $\text{I}^{\text{p}}\text{-(BEDT-TTF)}_2\text{Cu(NCS)}_2$ Probed by <sup>13</sup> C-NMR. Journal of the Physical Society of Japan, 2012, 81, 114709.	0.7	4
29	Magnetic field dependence of the SDW transition in (TMTSF) <sub>2</sub> ClO <sub>4</sub> . Synthetic Metals, 1999, 103, 2133-2134.	2.1	3
30	Spin Density Wave in Quasi-One-Dimensional Organic Conductors. Physica Status Solidi (B): Basic Research, 2001, 223, 449-458.	0.7	3
31	Pressure and Magnetic Field Dependence of SDW Transition in (TMTTF) <sub>2</sub> Br. Physica Status Solidi (B): Basic Research, 2001, 223, 539-543.	0.7	3
32	Magnetic Field Dependence of the SDW Phase in (TMTSF) <sub>2</sub> PF <sub>6</sub> under Pressure: Rapid Oscillations in the Magnetoresistance. Physica Status Solidi (B): Basic Research, 2001, 223, 545-548.	0.7	3
33	Magnetic state in the quasi-two-dimensional organic conductor $\text{I}^{\text{p}}\text{-(BEDT-TTF)}_2\text{Cu(NCS)}_2$ and the path of $\text{I}^{\text{p}}\text{-(BEDT-TTF)}_2\text{Cu(NCS)}_2$ . Physical Review B, 2022, 105, .	1.1	3
34	Effect of anion ordering in the superconducting phase of (TMTSF) <sub>2</sub> ClO <sub>4</sub> . Synthetic Metals, 1995, 70, 763-764.	2.1	2
35	Magnetic field dependence of the SDW phase in (TMTSF) <sub>2</sub> PF <sub>6</sub> under pressure. Synthetic Metals, 2003, 133-134, 63-64.	2.1	2
36	Hall effect in the SDW phase of quasi-one-dimensional organic conductor (TMTTF) <sub>2</sub> Br. Physica B: Condensed Matter, 2009, 404, 389-391.	1.3	2

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37	Static magnetic susceptibility in (TMTTF)2Br and (TMTSF)2AsF6. Physica B: Condensed Matter, 2000, 284-288, 1583-1584.	1.3	1
38	Static and dynamic properties of the SDW in (TMTSF)2X. Synthetic Metals, 2001, 120, 907-908.	2.1	1
39	Field-induced SDW phase diagram of (TMTSF)2PF6 at high magnetic fields. Physica B: Condensed Matter, 2003, 329-333, 1154-1155.	1.3	1
40	Phase diagram of partially deuterated $\hat{\mu}$ -(BEDT-TTF)2Cu[N(CN)2]Br. Physica C: Superconductivity and Its Applications, 2003, 388-389, 591-592.	0.6	1
41	Electrical transport in the spin-density-wave phase of (TMTSF-d12)2ClO4. Synthetic Metals, 2003, 133-134, 57-59.	2.1	1
42	Role of the dimerized gap due to anion ordering in the quantized hall phases of quasi-one dimensional organic conductors. Journal of Low Temperature Physics, 2006, 142, 473-476.	0.6	1
43	Influence of the anion disorder in the organic superconductor (TMTSF)2ClO4. European Physical Journal D, 1996, 46, 807-808.	0.4	0
44	Anisotropic magnetoresistance of (TMTSF)2ClO4 in the metallic and SDW state. Synthetic Metals, 1997, 86, 2119-2120.	2.1	0
45	Static magnetic susceptibility in the SDW phase of (TMTSF)2X. Synthetic Metals, 1999, 103, 2132.	2.1	0
46	SDW transition of quenched (TMTSF)2ClO4 at high magnetic fields. Physica B: Condensed Matter, 2000, 284-288, 1581-1582.	1.3	0
47	SDW phase of (TMTSF)2PF6 at high magnetic fields. Synthetic Metals, 2001, 120, 957-958.	2.1	0
48	Pressure dependence of the SDW transition in (TMTTF)2Br. Synthetic Metals, 2001, 120, 905-906.	2.1	0
49	Nonlinear Electric Conduction in the SDW Phase of (TMTSF)2PF6 under Pressure. Physica Status Solidi (B): Basic Research, 2001, 223, 549-553.	0.7	0
50	Non-linear conductivity in the spin-density wave phase of (TMTSF-d12)2ClO4. Physica B: Condensed Matter, 2003, 329-333, 1193-1194.	1.3	0
51	Effect of the gap due to anion ordering in deuterated (TMTSF)2ClO4 at high magnetic fields. Synthetic Metals, 2003, 133-134, 61-62.	2.1	0
52	Magnetic field dependence of incommensurate SDW transition in (TMTTF)2Br. Synthetic Metals, 2003, 133-134, 65-66.	2.1	0
53	Cooling rate dependence of rapid oscillations in deuterated (TMTSF)2ClO4 at high magnetic fields. Synthetic Metals, 2003, 135-136, 621-622.	2.1	0
54	Role of the Dimerized Gap Due to Anion Ordering in the Quantized Hall Phases of Quasi-One Dimensional Organic Conductors. Journal of Low Temperature Physics, 2007, 142, 477-480.	0.6	0

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55	SDW phase of (EDT-TTF) <sub>2</sub> AuBr <sub>2</sub> . Physica B: Condensed Matter, 2010, 405, S116-S119.	1.3	0
56	Dielectric constant in the incommensurate SDW phase of (TMTTF) <sub>2</sub> Br. Physica B: Condensed Matter, 2010, 405, S108-S110.	1.3	0
57	Coexistence of charge order and antiferromagnetism in (TMTTF) <sub>2</sub> SbF <sub>6</sub> : NMR study. Physica B: Condensed Matter, 2015, 460, 53-57.	1.3	0
58	STM spectroscopy on deuterated $\hat{\mu}$ -(ET-d[3,3]) <sub>2</sub> Cu[N(Cn) <sub>2</sub> ]Br. Physica B: Condensed Matter, 2015, 460, 93-95.	1.3	0
59	FISDW in quasi-one dimensional organic conductors with the dimerized gap due to anion ordering. European Physical Journal Special Topics, 2002, 12, 381-384.	0.2	0
60	Depinning of the Spin-Density Wave in (TMTTF) <sub>2</sub> Br under pressure. European Physical Journal Special Topics, 2005, 131, 111-114.	0.2	0
61	Role of the Anion Ordering in the Field Induced SDW Phase. , 2014, , .		0
62	Magnetic field dependence of the SDW transition in (TMTSF) <sub>2</sub> ClO <sub>4</sub> . European Physical Journal Special Topics, 1999, 09, Pr10-211-Pr10-212.	0.2	0
63	Magnetic properties of the spin-density wave in (TMTSF) <sub>2</sub> X and (TMTTF) <sub>2</sub> Br. European Physical Journal Special Topics, 1999, 09, Pr10-243-Pr10-246.	0.2	0
64	Role of anion ordering and effective pressure in the field-induced spin-density-wave phase of (TMTSF) <sub>2</sub> X. Europhysics Letters, 2016, 115, 37002.	0.7	0
65	Spin density wave in the strongly dimerized quasi-one-dimensional organic conductor (DMET-TTF) <sub>2</sub> AuBr. Physical Review B, 2021, 104, .	1.1	0