Masayoshi Tange

List of Publications by Year
in descending order

32	609	840119 11	610482 24
papers	citations	h-index	g-index

32	32	32	801
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selective Extraction of Large-Diameter Single-Wall Carbon Nanotubes with Specific Chiral Indices by Poly(9,9-dioctylfluorene-alt-benzothiadiazole). Journal of the American Chemical Society, 2011, 133, 11908-11911.	6.6	102
2	Printed thin-film transistors and NO2 gas sensors based on sorted semiconducting carbon nanotubes by isoindigo-based copolymer. Carbon, 2016, 108, 372-380.	5.4	70
3	Flexible CMOSâ€Like Circuits Based on Printed Pâ€Type and Nâ€Type Carbon Nanotube Thinâ€Film Transistors. Small, 2016, 12, 5066-5073.	5.2	51
4	Materially Engineered Artificial Pollinators. CheM, 2017, 2, 224-239.	5.8	45
5	Printed thin film transistors and CMOS inverters based on semiconducting carbon nanotube ink purified by a nonlinear conjugated copolymer. Nanoscale, 2016, 8, 4588-4598.	2.8	44
6	Selective Extraction of Semiconducting Single-Wall Carbon Nanotubes by Poly(9,9-dioctylfluorene-alt-pyridine) for 1.5 Î¼m Emission. ACS Applied Materials & Interfaces, 2012, 4, 6458-6462.	4.0	42
7	Sorting semiconducting single walled carbon nanotubes by poly(9,9-dioctylfluorene) derivatives and application for ammonia gas sensing. Carbon, 2015, 94, 903-910.	5.4	36
8	Fundamental Importance of Background Analysis in Precise Characterization of Single-Walled Carbon Nanotubes by Optical Absorption Spectroscopy. Journal of Physical Chemistry C, 2010, 114, 10077-10081.	1.5	23
9	Selective Dispersion of Largeâ€Diameter Semiconducting Carbon Nanotubes by Functionalized Conjugated Dendritic Oligothiophenes for Use in Printed Thin Film Transistors. Advanced Functional Materials, 2017, 27, 1703938.	7.8	22
10	Near-Infrared Photoluminescence Properties of Endohedral Mono- and Dithulium Metallofullerenes. ACS Nano, 2016, 10, 4282-4287.	7.3	20
11	Influence of structure-selective fluorene-based polymer wrapping on optical transitions of single-wall carbon nanotubes. Nanoscale, 2014, 6, 248-254.	2.8	13
12	Ca Substitution Effect for Sr upon Superconductivity of Bi2.1CaySr1.9-yCuO6+Î´. Japanese Journal of Applied Physics, 2007, 46, L167-L169.	0.8	12
13	80K superconductivity in Bi-2201 phase. Physica C: Superconductivity and Its Applications, 2007, 463-465, 93-95.	0.6	12
14	Spectroscopic Characterization of Nanohybrids Consisting of Single-walled Carbon Nanotubes and Fullerodendron. Fullerenes Nanotubes and Carbon Nanostructures, 2014, 22, 75-87.	1.0	11
15	Room-temperature Y-type emission of perylenes by encapsulation within single-walled carbon nanotubes. Nanoscale, 2016, 8, 7834-7839.	2.8	11
16	Co-doping effects of Pb and La in (Bi,Pb)2(Sr,La)2CuOy. Physica C: Superconductivity and Its Applications, 2004, 412-414, 230-234.	0.6	9
17	Optimization of the Bi-2201 superconductors with Pb and La co-doping. Physica C: Superconductivity and Its Applications, 2005, 426-431, 351-354.	0.6	9
18	Depolarized dynamic light scattering study of multi-walled carbon nanotubes in solution. Materials Express, 2013, 3, 37-42.	0.2	9

#	Article	IF	Citations
19	Diameter selective electron transfer from encapsulated ferrocenes to single-walled carbon nanotubes. Nanoscale, 2014, 6, 13910-13914.	2.8	9
20	Area control of Bi-2212 whiskers' formation. Physica C: Superconductivity and Its Applications, 2004, 412-414, 610-613.	0.6	8
21	A new aspect of superconductivity observed (Bi,Pb)2(Sr,La)2CuO6+Î´ single crystals. Physica C: Superconductivity and Its Applications, 2006, 445-448, 440-442.	0.6	8
22	Peak effect of critical current densities ofBi2Sr2CaCu2O8+Î´superconducting whiskers at high temperatures in a low-field regime. Physical Review B, 2006, 74, .	1.1	8
23	Annealing Effect of 80 K-Class Superconductivity of Ca-Doped B2S2CuO6+Î´in Bi-2201 Phase. Applied Physics Express, 0, 1, 041701.	1.1	7
24	Printed thin film transistors with 108 on/off ratios and photoelectrical synergistic characteristics using isoindigo-based polymers-enriched (9,8) carbon nanotubes. Nano Research, 2022, 15, 5517-5526.	5.8	7
25	Synthesis and properties of high quality Bi-2212 whiskers. Physica C: Superconductivity and Its Applications, 2004, 408-410, 872-873.	0.6	6
26	Effect of Strip Width on Low-Field Peak Effect of Critical Current Density in Bi2Sr2CaCu2O8+Î´ Superconducting Strips. Journal of the Physical Society of Japan, 2009, 78, 024703.	0.7	5
27	Area-controlled growth of Bi-2212 whiskers from Bi2+xSr2âˆ'xCaCu2Oy pellets. Physica C: Superconductivity and Its Applications, 2005, 426-431, 563-567.	0.6	4
28	Magnetic properties of Bi-2201 phase single crystals. Physica C: Superconductivity and Its Applications, 2004, 408-410, 649-650.	0.6	2
29	Size effect of critical current densities for Bi-2212 superconducting whiskers. Physica C: Superconductivity and Its Applications, 2007, 460-462, 388-389.	0.6	2
30	Light emission at telecom wavelengths from single-walled carbon nanotubes. , 2013, , .		1
31	Extraction of semiconducting single-walled carbon nanotubes encapsulating fullerenes by poly(9,9-dioctylfluorene-alt-benzothiadiazole). Japanese Journal of Applied Physics, 2014, 53, 045101.	0.8	1
32	Electrical transport properties influenced by surface barriers in a high-Tc superconducting strip. Physica C: Superconductivity and Its Applications, 2008, 468, 1274-1277.	0.6	0