Hiroyuki Tetsuka

List of Publications by Year
in descending order

30	1,781	566801 15	454577 30
papers	citations	h-index	g-index

34	34	34	3098
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wirelessly Powered 3D Printed Hierarchical Biohybrid Robots with Multiscale Mechanical Properties. Advanced Functional Materials, 2022, 32, .	7.8	16
2	Nitrogenâ€Functionalized Graphene Quantum Dots: A Versatile Platform for Integrated Optoelectronic Devices. Chemical Record, 2020, 20, 429-439.	2.9	11
3	Materials and technical innovations in 3D printing in biomedical applications. Journal of Materials Chemistry B, 2020, 8, 2930-2950.	2.9	124
4	Chemical modification of group IV graphene analogs. Science and Technology of Advanced Materials, 2018, 19, 76-100.	2.8	33
5	Non-ionic Fluorosurfactant Improves Wettability of Nitrogen-functionalized Graphene Quantum Dots for Integration with Optoelectronic Devices. Chemistry Letters, 2018, 47, 850-852.	0.7	10
6	Mechanisms of Covalent Coupling Reaction of Dibromofluoranthene on Au(111). Journal of Physical Chemistry C, 2018, 122, 17756-17763.	1.5	3
7	2D/0D graphene hybrids for visible-blind flexible UV photodetectors. Scientific Reports, 2017, 7, 5544.	1.6	41
8	Graphene Quantum Dots: Molecularly Designed, Nitrogen-Functionalized Graphene Quantum Dots for Optoelectronic Devices (Adv. Mater. 23/2016). Advanced Materials, 2016, 28, 4755-4755.	11.1	8
9	Graphene/nitrogen-functionalized graphene quantum dot hybrid broadband photodetectors with a buffer layer of boron nitride nanosheets. Nanoscale, 2016, 8, 19677-19683.	2.8	50
10	Molecularly Designed, Nitrogenâ€Functionalized Graphene Quantum Dots for Optoelectronic Devices. Advanced Materials, 2016, 28, 4632-4638.	11.1	229
11	Highly luminescent flexible amino-functionalized graphene quantum dots@cellulose nanofiberâ€“clay hybrids for white-light emitting diodes. Journal of Materials Chemistry C, 2015, 3, 3536-3541.	2.7	83
12	Oriented growth of luminescent strontium stannate films using a unilamellar nanosheet seed-layer. Thin Solid Films, 2012, 522, 100-103.	0.8	3
13	Optically Tunable Aminoâ€Functionalized Graphene Quantum Dots. Advanced Materials, 2012, 24, 5333-5338.	11.1	756
14	Adsorption of Anionic Nanosheets from Their Dilute Colloidal Suspensions onto Gasâ^'Liquid Interfaces with and without a Langmuir Film of Cationic Surfactant. Langmuir, 2010, 26, 2514-2520.	1.6	9
15	Formation of Self-Ordered TiO[sub 2] Nanotubes by Electrochemical Anodization of Titanium in 2-Propanol/NH[sub 4]F. Journal of the Electrochemical Society, 2009, 156, K227.	1.3	14
16	Nanosheet Seed-Layer Assists Oriented Growth of Highly Luminescent Perovskite Films. Chemistry of Materials, 2009, 21, 21-26.	3.2	47
17	Highly Luminescent Flexible Quantum Dotâ€“Clay Films. Advanced Materials, 2008, 20, 3039-3043.	11.1	75
18	Fabrication and characterization of ITO thin films on heat-resistant transparent flexible clay films. Surface and Coatings Technology, 2008, 202, 2955-2959.	2.2	17

#	Article	IF	Citations
19	Fabrication of Flexible Organic Light-Emitting Diodes Using Transparent Clay Films as Substrate. Japanese Journal of Applied Physics, 2008, 47, 1894-1896.	0.8	12
20	Flexible organic electroluminescent devices based on transparent clay films. Nanotechnology, 2007, 18, 355701.	1.3	35
21	Highly transparent flexible clay films modified with organic polymer: structural characterization and intercalation properties. Journal of Materials Chemistry, 2007, 17, 3545.	6.7	72
22	Crystallization of the anodic oxide on titanium in sulphuric acids solution at a very low potential. Electrochemistry Communications, 2007, 9, 850-856.	2.3	34
23	Stereoselective hydrogenation of tert-butylphenols over charcoal-supported rhodium catalyst in supercritical carbon dioxide solvent. Journal of Catalysis, 2007, 252, 57-68.	3.1	34
24	Synthesis and Phase Transition of HgTiO3. Ferroelectrics, 2006, 337, 71-76.	0.3	8
25	Capacitance thermometer using BaxSr1-xTiO3solid solutions. Physica Status Solidi (A) Applications and Materials Science, 2006, 203, 2546-2550.	0.8	2
26	Electronic structure calculations of transparent conductor Cd3TeO6: Optical properties and the effect of In-substitution. Solid State Communications, 2006, 137, 345-349.	0.9	14
27	Transparent amorphous conductive Cdâ€“Inâ€“Sbâ€“O thin films for flexible devices. Vacuum, 2006, 80, 1038-1041.	1.6	5
28	Transparent conductive Cd3TeO6 thin films with perovskite structure. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2006, 24, L4-L6.	0.9	22
29	Synthesis and electrical properties of ordered perovskite oxide Cd3âˆ’xâˆ’yCuxAyTeO6 (A=Li, Na; 0.00â‰¤x,) Tj ETQq1 1 0.784314 rgB	2.7	2
30	Transparent Conductive In-doped Cd3TeO6 Thin Films with Perovskite Structure Deposited by Radio Frequency Magnetron Sputtering. Journal of Materials Research, 2005, 20, 2256-2260.	1.2	12