

Thou-Jen Whang

List of Publications by Year in descending order

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47
papers

933
citations

471509

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30
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all docs

47
docs citations

47
times ranked

1197
citing authors

#	ARTICLE	IF	CITATIONS
1	An efficient foam Ni/MnO ₂ /Pd composite cathode for the electrocatalytic degradation of phenol. <i>Materials Chemistry and Physics</i> , 2021, 263, 124401.	4.0	6
2	Spectroscopic Study of the B ¹ Σ ⁺ State of NaH. <i>ACS Omega</i> , 2021, 6, 20629-20636.	3.5	1
3	Observation of the shallow 2 ¹ Σ ⁺ state of NaH. <i>Journal of Chemical Physics</i> , 2019, 150, 024303.	3.0	2
4	Observation of double-well potential of NaH C ¹ Σ ⁺ state: Deriving the dissociation energy of its ground state. <i>Journal of Chemical Physics</i> , 2018, 148, 114301.	3.0	7
5	Mechanistic investigation on the electropolymerization of phenol red by cyclic voltammetry and the catalytic reactions toward acetaminophen and dopamine using poly(phenol red)-modified GCE. <i>Journal of Electroanalytical Chemistry</i> , 2017, 795, 130-140.	3.8	32
6	Electrical polymerization of a tetrazole polymer-modified electrode and its catalytic reaction toward dopamine. <i>Applied Surface Science</i> , 2017, 396, 1589-1595.	6.1	6
7	Spectroscopic determination of the ground-state dissociation energy and isotopic shift of NaD. <i>Journal of Chemical Physics</i> , 2017, 147, 024301.	3.0	5
8	Thermoplastic Properties of Coal and Coal Extract. <i>Energy & Fuels</i> , 2017, 31, 11947-11953.	5.1	2
9	Triethanolamine-facilitated one-step electrodeposition of CuAlSe ₂ thin films and the mechanistic studies utilizing cyclic voltammetry. <i>Journal of Electroanalytical Chemistry</i> , 2016, 762, 73-79.	3.8	9
10	Optical sensing of phenylalanine in urine via extraction with magnetic molecularly imprinted poly(ethylene-co-vinyl alcohol) nanoparticles. <i>Nanotechnology</i> , 2015, 26, 305502.	2.6	7
11	Study of the Co-Electrodeposited Pd-Ni Alloy Thin Film and Its Performance on Ethanol Electro-Oxidation. <i>Journal of the Electrochemical Society</i> , 2014, 161, D552-D557.	2.9	7
12	Single-step electrodeposition of CIS thin films with the complexing agent triethanolamine. <i>Applied Surface Science</i> , 2014, 299, 52-57.	6.1	5
13	Effects of silicate glasses in aluminum pastes on physical and electrical characteristics of screen-printed multi-crystalline silicon solar cells. <i>Materials Letters</i> , 2014, 126, 143-146.	2.6	9
14	Thermoplasticity and strength improvement of coking coal by addition of coal extracts. <i>Fuel</i> , 2014, 117, 364-371.	6.4	31
15	Electrodeposition of PdCu alloy and its application in methanol electro-oxidation. <i>Applied Surface Science</i> , 2013, 270, 252-259.	6.1	44
16	Development of Screen-Printed Texture-Barrier Paste for Single-Side Texturization of Interdigitated Back-Contact Silicon Solar Cell Applications. <i>Materials</i> , 2013, 6, 4565-4573.	2.9	2
17	The Interplay of Photophysical Properties in Carbazole Fluorescent Oligomers. <i>Journal of the Chinese Chemical Society</i> , 2013, 60, 579-589.	1.4	0
18	Determination of the Cesium ¹¹ S _{1/2} Hyperfine Magnetic Coupling Constant Using Electromagnetically Induced Transparency. <i>Journal of the Physical Society of Japan</i> , 2012, 81, 124302.	1.6	8

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19	UV-Irradiated Photocatalytic Degradation of Nitrobenzene by Titania Binding on Quartz Tube. <i>International Journal of Photoenergy</i> , 2012, 2012, 1-8.	2.5	18
20	Fluorescent oligomers of dibenzothiophene-S,S-dioxide derivatives: the interplay of crystal conformations and photo-physical properties. <i>Tetrahedron</i> , 2012, 68, 5481-5491.	1.9	17
21	Visible-light photocatalytic degradation of methylene blue with laser-induced Ag/ZnO nanoparticles. <i>Applied Surface Science</i> , 2012, 258, 2796-2801.	6.1	148
22	Fast Thermal Evaporation in Purification of 1,4-di(pyrenyl)benzene. <i>Journal of the Chinese Chemical Society</i> , 2012, 59, 289-296.	1.4	4
23	Lactic acid aided electrochemical deposition of c-axis preferred orientation of zinc oxide thin films: Structural and morphological features. <i>Applied Surface Science</i> , 2011, 257, 9539-9545.	6.1	13
24	Studies of single-step electrodeposition of CuInSe ₂ thin films with sodium citrate as a complexing agent. <i>Applied Surface Science</i> , 2010, 257, 1457-1462.	6.1	26
25	Characterization of the outer well of NaH C1 ⁺ state by fluorescence depletion spectroscopy. <i>Chemical Physics Letters</i> , 2010, 493, 53-56.	2.6	9
26	Dissociation energy of the ground state of NaH. <i>Journal of Chemical Physics</i> , 2010, 133, 044301.	3.0	16
27	Electrodeposition of Palladium-Tin Alloys from 1-Ethyl-3-methylimidazolium Chloride-Tetrafluoroborate Ionic Liquid for Ethanol Electro-Oxidation. <i>Journal of the Electrochemical Society</i> , 2010, 157, D443.	2.9	27
28	Laser-Induced Silver Nanoparticles on Titanium Oxide for Photocatalytic Degradation of Methylene Blue. <i>International Journal of Molecular Sciences</i> , 2009, 10, 4707-4718.	4.1	75
29	A study of electrodeposition of CuInSe ₂ thin films with triethanolamine as the complexing agent. <i>Applied Surface Science</i> , 2009, 255, 4600-4605.	6.1	42
30	A study of financial insolvency prediction model for life insurers. <i>Expert Systems With Applications</i> , 2009, 36, 6100-6107.	7.6	25
31	Adiabatic Interaction Leading to the Avoided Crossing between the Twin 31 ^g and 41 ^g Rydberg States in Na ₂ . <i>Journal of Physical Chemistry A</i> , 2009, 113, 4954-4962.	2.5	0
32	Characterizations for Vinylimidazolium Based Ionic Liquid Polymer Stationary Phases for Capillary Gas Chromatography. <i>Chromatographia</i> , 2008, 67, 413-420.	1.3	69
33	Observation of the nd ^o 1 ^g (n=6, 7, and 8) Rydberg states of Na ₂ by optical-optical double resonance spectroscopy: L uncoupling and perturbations. <i>Journal of Chemical Physics</i> , 2008, 129, 024303.	3.0	2
34	Observation of the 71 ^g State of Na ₂ by Optical-Optical Double Resonance Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2007, 111, 9764-9768.	2.5	0
35	The third and fourth 1 ^g states of Na ₂ : A pair of twins. <i>Chemical Physics Letters</i> , 2007, 439, 29-34.	2.6	3
36	Nafion membrane-supported ionic liquid solid phase microextraction for analyzing ultra trace PAHs in water samples. <i>Analytica Chimica Acta</i> , 2006, 557, 321-328.	5.4	127

#	ARTICLE	IF	CITATIONS
37	Experimental study of the Na ₂ 31 \hat{I} g state. Journal of Molecular Spectroscopy, 2005, 232, 66-72.	1.2	2
38	\hat{I} -Doubling investigation of the 51 \hat{I} g Rydberg state of Na ₂ using optical \hat{I} optical double resonance spectroscopy. Journal of Molecular Spectroscopy, 2005, 234, 264-269.	1.2	4
39	TOXICITY ASSESSMENT OF MONO-SUBSTITUTED BENZENES AND PHENOLS USING A PSEUDOMONAS INITIAL OXYGEN UPTAKE ASSAY. Environmental Toxicology and Chemistry, 2005, 24, 253.	4.3	8
40	Observation of L uncoupling in the 51 \hat{I} g ₁ Rydberg state of Na ₂ . Journal of Chemical Physics, 2005, 123, 224303.	3.0	19
41	Doubly excited 2 \hat{I} g state of Na ₂ . Journal of Chemical Physics, 2004, 121, 10513-10518.	3.0	14
42	Pulse Perturbation \hat{I} Facilitated Optical \hat{I} Optical Double Resonance Spectroscopy of the 4 ³ f ³ State. Journal of the Chinese Chemical Society, 1998, 45, 23-26.	1.4	5
43	Optical-optical double resonance spectroscopy of the $\hat{I}g+1\hat{I}$ shelf \hat{I} states and $\hat{I}g_1$ states of Na ₂ using an ultrasensitive ionization detector. Physical Review Letters, 1993, 71, 1152-1155.	7.8	29
44	The Na ₂ 23 \hat{I} g state: CW perturbation-facilitated optical-optical double resonance spectroscopy. Journal of Molecular Spectroscopy, 1991, 149, 505-511.	1.2	20
45	Optical-optical double resonance spectroscopy of the Na ₂ 21 \hat{I} g state. Journal of Molecular Spectroscopy, 1991, 145, 112-122.	1.2	28
46	Spectroscopy studies of the B ¹ \hat{I} / _u state of Cs ₂ . , 0, , .		0
47	Spectroscopy studies of the B ¹ \hat{I} / _u state of Cs ₂ . , 0, , .		0