Kevin C Hewitt

List of Publications by Year
in descending order

38 papers	1,250 citations	430874 18 h-index	361022 35 g-index
38 all docs	38 docs citations	38 times ranked	1632 citing authors

#	Article	IF	Citations
1	Chlorin e6-EGF conjugated gold nanoparticles as a nanomedicine based therapeutic agent for triple negative breast cancer. Photodiagnosis and Photodynamic Therapy, 2021, 33, 102186.	2.6	22
2	Continuous-Wave Coherent Raman Spectroscopy via Plasmonic Enhancement. Scientific Reports, 2019, 9, 12092.	3.3	10
3	FTIR study of secondary structure changes in Epidermal Growth Factor by gold nanoparticle conjugation. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 495-500.	2.4	10
4	Synthesis and characterization of gold nanostructured Chorin e6 for Photodynamic Therapy. Photodiagnosis and Photodynamic Therapy, 2017, 18, 6-11.	2.6	31
5	First demonstration of surface enhanced-stimulated Raman spectroscopy (SE-SRS) using low-power CW sources. Faraday Discussions, 2017, 205, 227-232.	3.2	3
6	FT-IR characterization of a theranostic nanoprobe for photodynamic therapy and epidermal growth factor receptor targets. Sensors and Actuators B: Chemical, 2017, 240, 903-908.	7.8	23
7	Epidermal Growth Factor Receptorâ€“Specific Nanoprobe Biodistribution in Mouse Models. Journal of Pharmaceutical Sciences, 2016, 105, 25-30.	3.3	5
8	Development of a sensitive, stable and EGFRâ€s-specific molecular imaging agent for surface enhanced Raman spectroscopy. Journal of Raman Spectroscopy, 2015, 46, 434-446.	2.5	22
9	EGFR-specific nanoprobe biodistribution in mouse models. Proceedings of SPIE, 2015, , .	0.8	0
10	Aggregation of nanoparticles in endosomes and lysosomes produces surface-enhanced Raman spectroscopy. Journal of Nanophotonics, 2015, 9, 093094.	1.0	9
11	Accurate assessment of liver steatosis in animal models using a high throughput Raman fiber optic probe. Analyst, The, 2015, 140, 6602-6609.	3.5	17
12	Nanobiophotonics for molecular imaging of cancer: Au- and Ag-based Epidermal Growth Factor receptor (EGFR) specific nanoprobes. Proceedings of SPIE, 2012, , .	0.8	4
13	Surface-Sensitive Raman Spectroscopy of Collagen I Fibrils. Biophysical Journal, 2011, 100, 1837-1845.	0.5	116
14	Densely mapping the phase diagram of cuprate superconductors using a spatial composition spread approach. Physica C: Superconductivity and Its Applications, 2010, 470, S59-S61.	1.2	10
15	Dichotomy and pseudogap signature in the Raman response of high-Tccuprates. Physical Review B, 2010, 81, .	3.2	4
16	Imaging EGFR distribution using surface-enhanced Raman spectroscopy. , 2009, , .		4
17	Effect of Heat Treatment on Si Electrodes Using Polyvinylidene Fluoride Binder. Journal of the Electrochemical Society, 2008, 155, A234.	2.9	108
18	Magnetron sputter deposition of a 48-member cuprate superconductor library: Bi2Sr2YxCa1â^'xCu2O8+Î´ () linearly varying in steps of. Applied Surface Science, 2007, 254, 760-764.	6.1	4

#	Article	IF	Citations
19	Stoichiometry control of magnetron sputtered Bi2Sr2Ca1â^'xYxCu2Oy (0â©½xâ©½0.5) thin film, composition spread libraries: Substrate bias and gas density factors. Physica C: Superconductivity and Its Applications, 2005, 425, 52-61.	1.2	26
20	High-throughput resistivity apparatus for thin-film combinatorial libraries. Review of Scientific Instruments, 2005, 76, 093906.	1.3	18
21	Hole concentration and phonon renormalization of the340â^'cmâ^'1B1gmode in 2% Ca-dopedYBa2Cu3Oy(6.76<~y<~7.00). Physical Review B, 2004, 69, .	3.2	16
22	Electrochemical and In Situ XRD Studies of the Li Reaction with Combinatorially Sputtered Mo[sub 1â^'x]Sn[sub x] (0â€‰â‰¤â€‰xâ€‰â€‰â‰¤â€‰0.50) Thin Films. Journal of the Electrochemical Society, 2004, 151, A470.	2.9	19
23	Combinatorial synthesis and rapid characterization of Mo1â^'xSnx (0â©½xâ©½1) thin films. Thin Solid Films, 2003, 440, 11-18.	1.8	15
24	The amorphous range in sputtered Siâ€“Alâ€“Sn films. Thin Solid Films, 2003, 443, 144-150.	1.8	27
25	Anomalous, High-Voltage Irreversible Capacity in Tin Electrodes for Lithium Batteries. Journal of the Electrochemical Society, 2003, 150, A701.	2.9	87
26	The Electrochemical Reaction of Li with Amorphous Si-Sn Alloys. Journal of the Electrochemical Society, 2003, 150, A149.	2.9	174
27	Doping dependence of the superconducting gap inBi2Sr2CaCu2O8+Î´. Physical Review B, 2002, 66, .	3.2	26
28	Economical Sputtering System To Produce Large-Size Composition-Spread Libraries Having Linear and Orthogonal Stoichiometry Variations. Chemistry of Materials, 2002, 14, 3519-3523.	6.7	162
29	Electrochemistry of InSb as a Li Insertion Host: Problems and Prospects. Journal of the Electrochemical Society, 2001, 148, A402.	2.9	128
30	Temperature induced normal state redistribution of B1g spectral weight in underdoped La2-xSrxCuO4. Physica C: Superconductivity and Its Applications, 2000, 341-348, 907-908.	1.2	1
31	Temperature-induced frequency shift of the Raman-active CuO2planar oxygen vibrational modes of Bi-2212 related to a change of the Cu-O bonding. Journal of Physics Condensed Matter, 2000, 12, 9637-9643.	1.8	4
32	Isotope shift of the590â^'cmâ^'1Raman feature in underdopedBi2Sr2CaCu2O8+Î´. Physical Review B, 1999, 60, R9943-R9946.	3.2	27
33	Evidence for magnetic pseudoscaling in overdopedLa2â^'xSrxCuO4. Physical Review B, 1998, 57, R11077-R11080.	3.2	20
34	Electronic Raman scattering in underdopedYBa2Cu3O6.5. Physical Review B, 1997, 56, R513-R516.	3.2	64
35	Comment on ``Superconducting Gap Anisotropy vs Doping Level in High-TcCuprates''. Physical Review Letters, 1997, 78, 4891-4891.	7.8	11
36	Phonon self-energy effects due to superconductivity inBi2Sr2CaCu2O8+Î´. Physical Review B, 1997, 56, 8426-8431.	3.2	9

#	Article	IF	Citations
37	Raman investigation of Pb-substituted Bi2Sr2Cu6+Î´ single crystals. Physica C: Superconductivity and Its Applications, 1995, 251, 192-204.	1.2	8
38	Effects of Pb doping on the Raman spectrum of Bi2Sr2CuO6+Î´. Physica C: Superconductivity and Its Applications, 1993, 216, 463-470.	1.2	6